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APPLICANT: **Monsanto Australia Limited**

A416
CP4 ESPS gene in Roundup Ready® Corn Line NK603

SUBMISSION: Application to Australia New Zealand Food Authority for the inclusion of corn containing the CP4 EPSPS gene by Monsanto in Standard A18 - Food Derived From Gene Technology

VOLUME: 1 of 3

SUPPORTING INFORMATION

DATE: 28 February 2002

PREPARED BY: Megan Shaw
Regulatory Product Manager

Monsanto Company
Product Safety Center
FINAL REPORT

REPORT NO.: MSL- 17500

DATE: February 8, 2002

TITLE: Performance of Pigs Fed Diets Containing Roundup Ready® (NK603), Non-Transgenic Control or Conventional Corn Grown During 2000 in Nebraska

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Report No: MSL-17500 Authors: Edward P. Stanisiewski, Gary F. Hartnell Robert L. Fischer and Austin J. Lewis
Title: Performance of Pigs Fed Diets Containing Roundup Ready (NK603), Non-Transgenic Control or Conventional Corn Grown During 2000 in Nebraska
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ABSTRACT: This study was conducted to compare growth performance and carcass quality measurements in growing-finishing pigs fed diets containing either Roundup Ready corn event NK603, the non-transgenic control corn (RX670), or two commercial reference sources of non-genetically modified corn (DK647 and RX740). The experiment used 72 barrows (castrated males) and 72 gilts (females) with a mean initial body weight (BW) of 22.6 ± .03 kg. Pigs were allotted to a randomized complete block design with a 2 × 4 factorial arrangement of treatments (two genders × four corn hybrids). The experiment continued until the average BW was 116 kg, at which time all pigs were slaughtered. Real-time ultrasound measurements of backfat (BF) and loin area were taken on the final day of the experiment. Carcass quality measurements were made 24 h postmortem. Nutrient composition of corn was similar for crude protein (8.5, 9.0, 8.8 and 9.5%) and total digestible nutrients (87, 89, 89 and 91%) for test, control and references. Corn was incorporated into diets at 68.1 % (grower1), 74.2 % (grower2), 78.1 % (finisher1) and 81.8 % (finisher2) along with dehulled soybean meal on an as-fed basis. Average daily gain (ADG), average daily feed intake (ADFI), and feed efficiency (ADG/ADFI) were not affected by diet, but as expected, barrows had greater ($P<0.05$) ADG and ADFI than gilts and gilts had better ($P<0.05$) feed efficiency than barrows. Real-time ultrasound measurements were similar among diets, however, gilts had less ($P<0.05$) BF depth than barrows. There were no differences in carcass midline BF measurements among diets, but gilts had less ($P<0.05$) BF than barrows. Primal percentage and percent carcass lean determined by total body electrical conductivity were not affected by corn source, but hot carcass weight was greater ($P<0.05$) in barrows than gilts. Also, primal percentage and percent carcass lean were greater ($P<0.05$) in gilts than barrows. Longissimus (loin)

muscle quality scores were similar among diets and between genders, except for pH, which was greater (P<0.05) in barrows than gilts. Analysis of longissimus muscle composition revealed no main effect of diet (P>0.05) or gender (P>0.05) for protein, fat and water percentages. The diet containing NK603 corn (2.99%) differed (P<0.05) from non-transgenic control corn (2.20%) but not commercial corn diets (3.08 and 3.06%) in longissimus fat content. While the intent of the study was to confirm nutritional value of NK603 corn for supporting pig performance, pigs have been widely used in pharmaceutical research and are excellent models for assessing health effects of dietary micronutrients given the close similarity of their digestive and cardiovascular systems to that of humans. Therefore, the study could also support safety of NK603 corn for human consumption. In summary, there were no differences in growth performance and carcass measurements in growing-finishing pigs fed diets containing either NK603, non-transgenic control corn or two commercial sources of non- transgenic corn. These results confirm previous results which showed that corn containing Roundup Ready events GA21 or NK603 are similar in composition and feeding value to broilers when compared with non-transgenic control corn. Likewise, others demonstrated no difference in feeding value of diets containing GA21 to control corn fed to feedlot steers or pigs. In conclusion, this study, in combination with established safety of the introduced CP4 EPSPS protein, agronomic plant equivalence, compositional equivalence and equivalence in previous chicken and rat feeding studies, confirm the substantial equivalence in feeding value of Roundup Ready corn to control and reference hybrids in growing-finishing pigs.

Effect of Dietary Treatment on Overall Performance (All Pigs)

	Dietary Treatment				P Value[f]	
	RX740	DK647	RX670	NK603	TRT	Gender
Initial Wt (kg)	22.58	22.58	22.56	22.55	.914	<.0001
Final Wt (kg)	116.21	116.65	116.50	116.36	.997	<.0001
ADG (kg)	.909	.910	.912	.912	.998	<.0001
ADFI (kg/d)	2.35	2.36	2.38	2.39	.918	<.0001
G:F[a]	.388	.386	.384	.383	.611	.0002
Carcass Measurements						
1st Rib Backfat (cm)	4.76	4.81	4.75	4.74	.990	.037
10th Rib Fat (cm)	3.00	2.97	2.98	3.08	.716	<.0001
Last Rib Fat (cm)	3.61	3.43	3.38	3.50	.434	.006
Last Lumbar (cm)	2.31	2.27	2.31	2.36	.888	<.0001
LMA (cm^2)[b]	55.29	56.58	58.59	56.55	.718	.148

TOBEC Measurements [c]						
Hot Carcass Wt (kg)	88.37	89.02	88.73	88.76	.988	.0001
Ham Wt (kg)	10.19	10.25	10.13	10.16	.895	.711
Loin Wt (kg)	11.73	12.14	11.87	11.95	.307	.175
Shoulder Wt (kg)	12.21	12.42	12.34	12.29	.838	.077
Primal % [d]	38.68	39.04	38.87	38.88	.923	<.0001
Total Lean (kg)	42.56	42.36	42.18	42.07	.933	.092
% Lean	48.22	47.51	47.67	47.59	.813	.001
Longissimus (Loin) Muscle						
Marbling	2.00	2.00	2.03	2.00	.422	.334
Firmness	2.08	1.93	2.22	2.08	.259	.434
pH	5.63	5.63	5.60	5.64	.434	.015
Minolta L* [e]	49.75	50.78	50.59	50.69	.635	.805
Minolta a* [e]	7.20	6.71	7.17	7.40	.322	.995
Minolta b* [e]	2.11	2.39	2.51	2.58	.689	.852
Protein %	23.74	23.48	23.78	23.51	.681	.211
Fat %	3.08	3.06	2.20	2.99	.070	.071
Water %	72.31	72.40	72.71	72.53	.729	.396

[a]Gain:Feed (ADG/ADFI)
[b]Longissimus Muscle Area
[c]Total Body Electrical Conductivity
[d]Total Wt of Primals (Ham, Loin and Shoulder) ÷ Hot Carcass Wt.
[e]Muscle Color Scores (L*= Lightness, a*= Red or Green Color, b*= Yellow or Blue color).
[f]There were no significant Treatment by Gender (TRT × Gender) interactions

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Study Title

Performance of Pigs Fed Diets Containing Roundup Ready® (NK603), Non-Transgenic Control or Conventional Corn Grown During 2000 in Nebraska

Authors

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Study Completed On

February 8, 2002

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Laboratory Project ID

Monsanto MSL-17500
Monsanto Study 00-01-46-37
University of Nebraska Study 004-06

Certification Of Authenticity

Study Title: Performance of Pigs Fed Diets Containing Roundup Ready® (NK603), Non-Transgenic Control or Conventional Corn Grown During 2000 in Nebraska

Study Number: 00-01-46-37

This is an accurate and authentic representation of the conditions and results as described in this report.

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Statement of No Data Confidentiality Claim

No claim of confidentiality is made for any information contained in this study on the basis of its falling within the scope of FIFRA 10(d)(l)(A), (B), or (C).

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Signature: _____ Date: _____

Summary of Quality Control Review

Study Title: Performance of Pigs Fed Diets Containing Roundup Ready® (NK603), Non-Transgenic Control or Conventional Corn Grown During 2000 in Nebraska

Study Number: 00-01-46-37

This report was reviewed to ensure that it accurately reflects the raw data of the study. Raw data were audited for compliance to the Monsanto Company Guidelines for Keeping Research Records (GRR 10/1/99), and where applicable, to Monsanto SOP's.

Paula A. Price — Feb. 8, 2002

Paula A. Price
Quality Assurance Specialist
Monsanto Regulatory
Monsanto Company

Date

Records and Sample Archive

Study Number: 00-01-46-37

Title: Performance of Pigs Fed Diets Containing Roundup Ready® (NK603), Non-Transgenic Control or Conventional Corn Grown During 2000 in Nebraska

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Northeast DHI Forage Lab: Paul K. Sirois
Romer Labs, Inc.: Charla Jo Stone

	University Missouri: Thomas Mawhinney
Study Initiation Date:	November 30, 2000
Study Completion Date:	February 8, 2002
Records Retention:	Study specific raw data, protocols and final reports are retained at Monsanto Regulatory Science archives, St. Louis. Raw data generated by contract laboratories will remain with the respective laboratory.
Sample Storage:	Unused residual samples are retained in St. Louis, MO.

Table of Contents

Abbreviations

ADG	Average Daily Gain
ADFI	Average Daily Feed Intake
ADG/ADFI or G:F	Feed Efficiency (Gain to Feed Ratio)
AOAC	Association of Official Analytical Chemists International
BF	Backfat
BW	Body Weight
cm	Centimeters
CP	Crude Protein
CP4 EPSPS	5-enolpyruvylshikimate-3-phosphate synthase derived from *Agrobacterium* sp. Strain CP4
d	Day
ELISA	Enzyme-Linked Immunosorbent Assay
ESCL	Experiment Station Chemical Laboratories (University Missouri)
g	Gram
GMO	Genetically Modified Organism
h	Hour(s)
HPLC	High Pressure Liquid Chromatography
IU	International Unit
kcal	Kilocalorie
kg	Kilograms
LMA	Longissimus Muscle Area
m	Meter(s)
Mcal	Megacalorie
ME	Metabolizable Energy
mEPSPS	Maize 5-enolpyruvylshikimate-3-phosphate synthase
mg	Milligram
mm	Millimeter(s)
µg	Microgram
NDF	Neutral detergent fiber
NPPC	National Pork Producers Council
NRC	National Research Council
NSC	Non-soluble carbohydrate
PIC	Pig Improvement Corporation (Breed of pig)
RR	Roundup Ready®
SAS	Statistical Analysis System
SEM	Standard Error of the Mean
TOBEC	Total Body Electrical Conductivity
UNL	University of Nebraska at Lincoln
Wt	Weight

Final Report Event Summary

1.0 Abstract

This study was conducted to compare growth performance and carcass quality measurements in growing-finishing pigs fed diets containing either Roundup Ready corn event NK603, the non-transgenic control corn (RX670), or two commercial reference sources of non-genetically modified corn (DK647 and RX740). The experiment used 72 barrows (castrated males) and 72 gilts (females) with an initial body weight (BW) of 22.6 ± .03 kg. Pigs were allotted to a randomized complete block design with a 2 × 4 factorial arrangement of treatments (two genders × four corn hybrids). The experiment continued until the average BW was 116 kg, at which time all pigs were slaughtered. Real-time ultrasound measurements of backfat (BF) and loin area were taken on the final day of the experiment. Carcass quality measurements were made 24 h postmortem. Nutrient composition of corn was similar for crude protein (8.5, 9.0, 8.8 and 9.5%) and total digestible nutrients (87, 89, 89 and 91%) for test, control and references. Corn was incorporated into diets at 68.1 % (grower1), 74.2 % (grower2), 78.1 % (finisher1) and 81.8 % (finisher2) along with dehulled soybean meal on an as-fed basis. Average daily gain (ADG), average daily feed intake (ADFI), and feed efficiency (ADG/ADFI) were not affected by diet, but as expected, barrows had greater (P<0.05) ADG and ADFI than gilts and gilts had better (P<0.05) feed efficiency than barrows. Real-time ultrasound measurements were similar among diets, however, gilts had less (P<0.05) BF depth than barrows. There were no differences in carcass midline BF measurements among diets, but gilts had less (P<0.05) BF than barrows. Primal percentage and percent carcass lean determined by total body electrical conductivity were not affected by corn source, but hot carcass weight was greater (P<0.05) in barrows than gilts. Also, primal percentage and percent carcass lean were greater (P<0.05) in gilts than barrows. Longissimus (loin) muscle quality scores were similar among diets and between genders, except for pH, which was greater (P<0.05) in barrows than gilts. Analysis of longissimus muscle composition revealed no main effect of diet (P>0.05) or gender (P>0.05) for protein, fat and water percentages. The diet containing NK603 corn (2.99%) differed (P<0.05) from non-transgenic control corn (2.20%) but not commercial corn diets (3.08 and 3.06%) in longissimus fat content. While the intent of the study was to confirm nutritional value of NK603 corn for supporting pig performance, pigs have been widely used in pharmaceutical research and are excellent models for assessing health effects of dietary micronutrients given the close similarity of their digestive and cardiovascular systems to that of humans. Therefore, the study could also support safety of NK603 corn for human consumption. In summary, there were no differences in growth performance and carcass measurements in growing-finishing pigs fed diets containing either NK603, non-transgenic control corn or two commercial sources of non- transgenic corn. These results confirm those of Sidhu et al., (2000) and Taylor et al., (2001) which showed, respectively,

that corn containing Roundup Ready events GA21 or NK603 are similar in composition and feeding value to broilers when compared with non- transgenic control corn. Likewise, Petty et al., (2001) demonstrated no difference in feeding value of diets containing GA21 to control corn fed to feedlot steers; while Stanisiewski et al., (2001) showed similar performance in pigs fed corn with event GA21 to controls. In conclusion, this study, in combination with established safety of the introduced CP4 EPSPS protein, agronomic plant equivalence, compositional equivalence and equivalence in previous chicken and rat feeding studies, confirm the substantial equivalence in feeding value of Roundup Ready corn to control and reference hybrids in growing-finishing pigs.

2.0 Introduction

Monsanto has commercialized a second generation Roundup Ready® (RR) corn; a glyphosate-tolerant variety containing event NK603 which expresses the CP4 EPSPS protein. Researchers have demonstrated corn with event NK603 to be substantially equivalent in composition to the non-transgenic corn. Since growing-finishing swine consume large quantities of corn, this study was conducted to evaluate whether pigs fed diets containing corn with event NK603 or conventional (non-transgenic) corn have similar performance.

3.0 Purpose

The purpose of this study was to compare feed intake, feed efficiency, gain and carcass quality in growing-finishing pigs fed diets with either corn containing event NK603, non-transgenic control or two commercial sources of non-genetically modified corn.

4.0 Materials and Methods

4.1 *Test Substance.* The test substance was corn hybrid CRR0633 containing event NK603 (expresses the CP4 EPSPS protein) which was genetically modified for tolerance to Roundup®. Seed was provided by Monsanto, and grown at the University of Nebraska. Grain was harvested and sampled in accordance with production plan 00-01-46-18.

4.2 *Non-transgenic Control.* The control was non-genetically modified corn hybrid RX670. The RX670 seed was supplied by Monsanto, and grown at the University of Nebraska. Grain was harvested and sampled in accordance with production plan 00-01-46-18.

4.3 *Commercial Reference 1.* One commercial reference was non-transgenic corn hybrid DK647. The DK647 seed was supplied by Monsanto, and grown at the

University of Nebraska. Grain was harvested and sampled in accordance with production plan 00-01-52-01.

4.4 *Commercial Reference 2.* A second commercial reference was non-transgenic corn hybrid RX740. The RX740 seed was supplied by Monsanto, and grown at the University of Nebraska. Grain was harvested and sampled in accordance with production plan 00-01-52-01.

4.5 *Test, Control and Reference Substance Storage.* Corn diets were stored at ambient temperature in grain bins on University of Nebraska premises.

4.6 *Test, Control and Reference Substance Administration.* Corn was ground through a 1 mm screen and blended into complete diets at the University of Nebraska feed mill located in Mead, NE. Mixed diets were fed to pigs in meal form.

4.7 *Test, Control and Reference Substance Preparation and Accountability.* Corn identities were maintained throughout the study. Material transfer forms associated with bulk movement and sample collections are contained in Monsanto Regulatory archives with source data. Excess corn was fed to non-study pigs.

Test and control substances were characterized by Monsanto using an ELISA assay to confirm the test substance contained the NK603 event and the controls did not (original data are archived in study files with production plans 00-01-46-18 and 00-01-52-01). Amino acid composition was performed on corn varieties by Covance Laboratories. Also, representative sub-samples (~0.5 kg) of each product were submitted to Dairy One (Ithaca, NY) for nutrient analyses and to Romer Labs, Inc. for mycotoxin analyses. Results for analyses of corn are archived in the study file. Residual samples are retained by Monsanto Company in Chesterfield Village freezers (BB building).

5.0 Test System

5.1 *Animals.* This study included 144 head of healthy Danbred x (Danbred x NE White line) pigs, weighing about 20 to 25 kg at the start of the study. All pigs were farrowed at the University of Nebraska swine unit. Half of the pigs assigned to study were gilts (females) and the other half were barrows (castrated males). Animals were assigned to treatments on study using a randomization program and Pen Assignment form. Animals were assigned to specific pens based on body weight about one week prior to the start of study. At the time of allotment, a visual health check of the pigs was done by the investigator.

5.2 *Identification.* The Investigator elected to use ear notches as permanent identification with tattoos to identify carcasses at slaughter. The protocol specified a permanent means of identification must be utilized. A cross reference between tattoos and ear notches was maintained in the study notebook which is archived at Monsanto.

5.3 *Housing.* Assignment of treatments to pens was conducted using a computer random numbers generator utilizing a randomized complete block design. Assignments were specified in Table 1 of the Study Protocol. Animals were housed in semi-solid sided pens on floors that are part solid and part concrete slats in an environmentally controlled modified open front facility. Environmental conditions for the animals (i.e., floor space, temperature, lighting, animal density, feeder and water space) were similar for all experimental groups.

6.0 Safety and Facilities

6.1 *Safety.* Safety procedures were followed according to practices currently used at the site. Appropriate security measures were in place, which included controlled access (swine unit is a locked, shower in-shower out facility), to prevent tampering with pigs or test, control and reference substances.

6.2 *Animal Care and Facilities.* Established site practices were followed for management, health care, and feeding. The formulated feed met or exceeded nutrient requirements suggested by the National Research Council's (NRC, 1998) guidelines. Feed and water were provided on an *ad libitum* basis. The study file includes a description of the feeding program, including diet specifications and ingredients, feed and ingredient sampling. In addition, verification records of scales for measuring feed offered and refused, mixing and weighing of swine are included in the study file.

6.3 *Water.* Analysis of water supplied to pigs was provided by Nebraska Health and Human Service (University of Nebraska Agriculture R&D Center). Results (contained in study file) support the safety of drinking water.

7.0 Time Lines

Pigs were initiated to diets on 30 November 2000 and slaughtered on 14 March 2001. The duration of the study treatment period was 103 days.

8.0 Experimental Design and Conduct

8.1 *Design.* This was a randomized complete block design with a total of 24 pens (each pen containing six animals). There were four treatment groups with 3 pens of barrows and 3 pens of gilts per treatment. There were six blocks of four pens (three blocks of barrows and three blocks of gilts). Animals were allocated to blocks based upon body weight as outlined in the protocol. Pen was the experimental unit.

8.2 *Treatments.* All animals were fed their experimental diets beginning at the initiation of the grower period. Diets were letter (A through D) and color coded, and actual treatment/descriptions for each code were not made available to the site personnel during the course of the study.

8.3 *Diet.* Roundup Ready, control and reference corn were stored on University of Nebraska property in metal grain bins. University personnel maintained the identity of the different corn substances and took care to assure there was no cross-over or cross-contamination among the hybrids. Prior to use, corn, along with soybean meal common to all diets was sampled for nutrient and amino acid analyses by University of Nebraska. The remainder of each composite was properly labelled and stored frozen at approximately –18 °C (–13 °C to –26 °C) as a backup sample.

All diets contained similar levels (at or above NRC requirements) of metabolizable energy (approximately 3400 ME Kcal/kg or 1560 kcal/lb) and lysine (0.65 to 1.00%). In addition, levels of methionine, threonine and tryptophan were at or above NRC requirements (Table 2 of Investigator's Project Report). All diets conformed with industry standards and met or exceeded the nutritional recommendations set forth in the Nutrient Requirements of Swine (NRC, 1998).

Dietary treatments consisted of corn and dehulled soybean meal diets in which the corn source was event NK603, control or commercial reference (RX740 or DK647) origin. In order to closely match pigs' nutrient needs, four dietary phases, designated Grower 1, Grower 2, Finisher 1 and Finisher 2 were utilized with different dietary formulations. Diet adjustments were made every 19 to 28 days. Within each phase, corn varieties were incorporated into diets at a constant percentage across treatments; averaging 68.1 (grower1), 74.2 (grower2), 78.1 (finisher1) and 81.8 % (finisher2) on an as-fed basis. All pigs were switched to the subsequent diet on the same day. Diets were offered *ad libitum.*

After the diets were mixed at the University of Nebraska feed mill, subsamples (~200 g) were collected from feeders. Subsamples were composited, mixed and duplicate samples were taken. One sample was used for nutrient analysis by University of Nebraska rather than Dairy One and Covance as indicated in the protocol, while the second sample was retained by the University at about –18°C (–13°C to –26°C) as a back up. Line identification of diets was not performed. However, identity of materials going into diets was confirmed prior to use.

Established site practices were followed for management, health care, and feeding. Ration balance sheets are maintained with source data in Monsanto Regulatory archives.

8.4 *Animal Removal.* Animals remained on study until the end of the treatment period (attained average BW of about 116 kg) after which pigs were shipped by truck to Sioux-Preme Packing Co. (Sioux Center, IA), slaughtered, and carcass measurements obtained.

9.0 Observations, Examinations and Tests

9.1 *Water.* Water was provided *ad libitum* throughout the study via nipple waterers. Waterers were checked once daily and cleaned as needed to assure a clean water supply to animals at all times.

9.2 *Feed Intake.* Feed was provided *ad libitum* throughout the study via one feeder per pen. All feed added and removed from pens was weighed and recorded. Additional feed weighbacks were recorded from individual pens when a pig was removed from that pen. Diet changes were conducted at the same time for all pens. The Grower 1 diet was fed from 30 November to 28 December 2000. Grower 2 was fed from 28 December to 25 January 2001. The Finisher 1 diet was fed from 25 January to 22 February 2001 and Finisher 2 was fed for the last 19 d on study.

9.3 *Feed Composition.* Samples of the dietary ingredients (soybean meal and corn) were taken before they were incorporated in the ration. These samples were analyzed by University of Nebraska using standard procedures (AOAC, 1995).

9.4 *Daily Observations.* The test facility, pens and animals were observed daily for general animal health, water, feed, and any unanticipated events. Observations were recorded on General Comment Sheets. Temperature and humidity devices were located in the center of the swine facility. Data (high and low readings) were recorded daily and outputs are filed in the study notebook. Over the study

duration, temperatures ranged from 76 to 30°F at the west end of the swine facility and 76 to 28°F at the east end.

9.5 *Body Weights & Weighbacks.* Animals were weighed on study day 0 (30 November 2000), bi-weekly thereafter and at study end (day 103). On the day animals were weighed, remaining feed in the pen feeder was recorded.

9.6 *Carcass Measurements.* All remaining pigs were sacrificed on the same day at Sioux-Preme Packing Company. On the last day of study, backfat and loin eye area (LEA) were ultrasonically measured and recorded on a Scan Data form. At slaughter, measurements on pigs included: hot carcass weight, backfat depth, weights of primal cuts and dressing percentage. In addition, fat depths were measured at the first, tenth (P2), last rib and last lumbar vertebra, along with 10th rib loin eye area. Weights of primal cuts were estimated by total body electrical conductivity (TOBEC). Quality measurements included firmness, color and marbling score. Methodology details are contained in the Investigator's report (Appendix 1).

9.7 *Tissue Composition.* Samples of longissimus (loin) muscle (at least 30 g) were collected at the 10th rib from a random sub-set of 10 pigs per treatment (5 gilts and 5 barrows) onto wet ice and forwarded to University of Missouri ESCL (Columbia, MO) for composition analyses (dry matter, protein and fat) while a sample of similar size was stored frozen as a retainer. An additional muscle sample (about 130 cm^3) from all pigs was collected on dry ice and forwarded to Monsanto Company for additional analytical work that may be required in the future.

10.0 Data Analysis

Data were analyzed as a randomized complete block design using PROC MIXED of SAS (SAS, 1999). The main effects were gender (barrows and gilts) and corn line (RX740, DK647, RX670 and NK603). Also, the gender × corn line interaction was included in the statistical analysis. If the interaction was not significant ($P > 0.05$), then within gender data are not reported. Two analyses were performed; the first included all animals in the data set, a second removed the two pigs that did not complete the entire study from the entire data set. Both analyses are included with the Investigator's report (Appendix 1). In all analyses, pen was the experimental unit.

11.0 Result Summary

Nutrient composition of each corn hybrid was similar. Data are presented in Table A where each value is the mean of three sample replicates.

Table A. Nutrient Analyses of Corn Hybrids[1]

Corn	CP%	NDF%	NSC%	TDN%
RR-NK603	8.5	9.9	76.8	87.0
RX670	9.0	9.1	76.7	89.0
DK647	8.8	8.7	77.6	89.0
RX740	9.5	7.5	77.0	91.0

[1]Source: Dairy One, Ithaca, NY. CP: Crude Protein, NDF: Neutral Detergent Fiber, NSC: Non-Soluble Carbohydrate, TDN: Total Digestible Nutrients

The majority of recorded daily observations were related to feeder and waterer adjustments. Sixteen pigs (5 event NK603, 4 control, 4 DK647 and 3 RX740) were treated for loose stools, particularly during earlier phases of the study. Additional observations included 3 pigs with sore legs, 2 prolapsed and one with a hemorrhoid/growth.

One gilt (ID 2052, DK647 diet) died during study (day 78) and was diagnosed post mortem with a gastric ulcer and *Streptococcal* septicemia. One barrow (ID 2209, RR diet) was removed on the last day of study and sacrificed after a period of unthriftiness followed by paralysis. The diagnosis was inconclusive but trauma was the likely cause of paralysis. No other pigs were removed during the trial.

Data were analyzed by two methods; all pigs (including two pigs which were eventually removed) and excluding the two pigs that did not complete the study from the entire data set. Statistical differences and interpretations were not affected by the different analyses, therefore, data summaries are presented with all pigs included. During the four diet phases, average daily gain (ADG), average daily feed intake (ADFI), and feed efficiency were not affected ($P \geq 0.30$) by corn. Average daily gain was greater (0.75, 1.03, 1.06, and 1.01 kg versus 0.71, 0.88, 0.96, and 0.94 kg; $P < 0.05$) in barrows than gilts. Also, ADFI was greater (1.48, 2.46, 3.11, and 3.32 kg versus 1.40, 2.11, 2.65, and 2.91 kg; $P < 0.05$) in barrows than gilts during the four diet phases. Results of the overall experimental period indicate no differences ($P \geq 0.54$) in corn for ADG, ADFI, and feed efficiency. However, overall ADG (0.96 versus 0.87 kg) and ADFI (2.53 versus 2.21 kg) were greater ($P > 0.001$) in barrows than gilts, and overall feed efficiency was better (0.39 versus 0.38; $P < 0.001$) in gilts than barrows.

Ultrasound measurements of tenth-rib backfat (BF) and longissimus muscle area (LMA) did not differ ($P \geq 0.38$) among corns, but tenth-rib BF was greater ($P < 0.0001$) in barrows (2.31 cm) than gilts (1.84 cm). Carcass BF (first rib, tenth rib, last rib, and last lumbar) measurements were similar ($P \geq 0.43$) among corns, but differences (4.94, 3.27, 3.65, and 2.52 cm versus 4.59, 2.74, 3.31, and 2.10 cm; $P < 0.05$) between barrows and gilts for all carcass BF measurements were detected with no differences ($P \geq 0.14$) in LMA. Total body electrical conductivity measurements for hot carcass weight (92.11 kg versus 85.33 kg; $P < 0.001$), shoulder weight (12.48 kg versus 12.16 kg; $P < 0.08$), and total lean (45.06 kg versus 43.98 kg; $P < 0.10$) were greater for barrows than gilts. However, gilts had a greater (39.97% versus 37.77%; $P < 0.0001$) percentage of primal weight in relation to hot carcass weight and a greater (51.50% versus 49.02%; $P < 0.01$) percentage of fat-free lean compared to barrows. None of the TOBEC measurements differed among corns ($P \geq 0.30$). Carcass fat-free lean gain calculated from TOBEC measurements was not affected by either gender or corn ($P \geq 0.14$).

Longissimus muscle quality scores for pH; marbling and firmness; and Minolta L*, a*, and b* values were not affected ($P \geq 0.32$) by gender or corn line, except for pH which was greater ($P < 0.05$) in barrows (5.65) than gilts (5.60). Protein and water percentage of the longissimus muscle were similar ($P > 0.21$) between barrows and gilts and among corns. The longissimus muscle fat percentage was influenced by gender ($P = 0.07$) and corn variety ($P = 0.07$). The genetically modified corn (RR-NK603) vs non-transgenic (RX670) comparison resulted in a difference ($P < 0.04$) in longissimus muscle fat percentage with pigs fed the non-transgenic corn (2.20%) having less fat than pigs fed the genetically modified corn (2.99%).

Table B. Effect of Dietary Treatment on Overall Performance (All Pigs Included)

	Dietary Treatment				P Value[f]	
	RX740	DK647	RX670	RR	TRT	Gender
Initial Wt (kg)	22.58	22.58	22.56	22.55	.914	<.0001
Final Wt (kg)	116.21	116.65	116.50	116.36	.997	<.0001
ADG (kg)	.909	.910	.912	.912	.998	<.0001
ADFI (kg/d)	2.35	2.36	2.38	2.39	.918	<.0001
G:F[a]	.388	.386	.384	.383	.611	.0002
Carcass Measurements						
1st Rib Backfat (cm)	4.76	4.81	4.75	4.74	.990	.037
10th Rib Fat (cm)	3.00	2.97	2.98	3.08	.716	<.0001
Last Rib Fat (cm)	3.61	3.43	3.38	3.50	.434	.006
Last Lumbar (cm)	2.31	2.27	2.31	2.36	.888	<.0001
LMA (cm^2)[b]	55.29	56.58	58.59	56.55	.718	.148

TOBEC Measurements [c]						
Hot Carcass Wt (kg)	88.37	89.02	88.73	88.76	.988	.0001
Ham Wt (kg)	10.19	10.25	10.13	10.16	.895	.711
Loin Wt (kg)	11.73	12.14	11.87	11.95	.307	.175
Shoulder Wt (kg)	12.21	12.42	12.34	12.29	.838	.077
Primal % [d]	38.68	39.04	38.87	38.88	.923	<.0001
Total Lean (kg)	42.56	42.36	42.18	42.07	.933	.092
% Lean	48.22	47.51	47.67	47.59	.813	.001
Longissimus (Loin) Muscle						
Marbling	2.00	2.00	2.03	2.00	.422	.334
Firmness	2.08	1.93	2.22	2.08	.259	.434
pH	5.63	5.63	5.60	5.64	.434	.015
Minolta L* [e]	49.75	50.78	50.59	50.69	.635	.805
Minolta a* [e]	7.20	6.71	7.17	7.40	.322	.995
Minolta b* [e]	2.11	2.39	2.51	2.58	.689	.852
Protein %	23.74	23.48	23.78	23.51	.681	.211
Fat %	3.08	3.06	2.20	2.99	.070	.071
Water %	72.31	72.40	72.71	72.53	.729	.396

[a]Gain:Feed (ADG/ADFI)
[b]Longissimus Muscle Area
[c]Total Body Electrical Conductivity
[d]Total Wt of Primals (Ham, Loin and Shoulder) ÷ Hot Carcass Wt.
[e]Muscle Color Scores (L*= Lightness, a*= Red or Green, b*= Yellow or Blue).
[f]There were no significant Treatment by Gender (TRT × Gender) interactions

12.0 Summary

Based on these data, the feeding value of corn containing event NK603 is similar to that of the non-transgenic control hybrid as well as commercially available reference hybrids (RX740 and DK647). Therefore, Roundup Ready corn can be used in swine diets with no detrimental effects on growth performance or carcass characteristics.

13.0 Dispositions

13.1 *Excess Test Substance and Feed.* An accounting of corn received and used is documented via Material Transfer forms and feed data sheets. Unused corn and diets were disposed of by feeding to non-study animals at study completion.

13.2 *Test Animals.* An accounting was maintained of all animals utilized

for study. All animals were slaughtered by a commercial facility at study completion (with the exception of two which died prior to study completion).

13.3 *Transfer of Data.* Data are stored in Monsanto's Biotechnology Regulatory Science Archive in Chesterfield, MO with the exception of contract laboratory data which remain with that laboratory. An exact copy of data generated by University of Nebraska will remain at the test facility for five years.

14.0 Acknowledgments

The authors thank Bruce Hammond, Young Hyun, Linda Lahman and William Ridley for their critical review of this report.

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Appendix 1

Investigator's Project Report

Comparison of Swine Performance When Fed Diets Containing Roundup Ready® Corn, Parental Line Corn, or Conventional Corn Grown During 2000 in Nebraska

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Abstract

This experiment was conducted to evaluate growth performance and carcass quality measurements in growing-finishing pigs fed diets containing either Roundup Ready® corn (RR-NK603) with event NK603 expressing the CP4 EPSPS protein, the parental control corn (RX670), or two commercial sources of non-genetically modified corn (DK647 and RX740). The experiment used 72 barrows and 72 gilts with an initial BW of 22.6 kg. The pigs were allotted to a randomized complete block design with a 2 × 4 factorial arrangement of treatments (two sexes × four corn hybrids). The experiment continued until the average BW was 116 kg, at which time all pigs were slaughtered. Real-time ultrasound measurements were taken on the final day of the experiment. Carcass quality measurements were made 24 h postmortem. Average daily gain, ADFI, and feed efficiency (ADG/ADFI) were not affected by corn, but there was an effect of sex for all growth performance traits, with barrows having greater ($P < 0.0001$) ADG and ADFI than gilts and gilts having better ($P < 0.001$) feed efficiency than barrows. Real-time ultrasound measurements were similar among corns, however a sex effect was detected for backfat (BF) depth, with gilts having less ($P < 0.0001$) BF than barrows. There were no differences in carcass midline BF measurements among corns, but there was a significant difference between barrows and gilts, with gilts having less ($P < 0.05$)

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BF than barrows. Total body electrical conductivity measurements were not affected by corn, but hot carcass weight was greater ($P < 0.001$) in barrows than gilts. Also, primal percentage and percent carcass lean were greater ($P < 0.01$) in gilts than barrows. Longissimus muscle quality scores were similar among corns and between barrows and gilts, except for pH, which was greater ($P < 0.05$) in barrows than gilts. Analysis of longissimus muscle composition revealed no main effect of corn ($P > 0.05$) or effect of sex ($P > 0.05$) for protein, fat, and water percentages. Roundup Ready® corn (2.99%) differed ($P < 0.04$) from parental control corn (2.20%) but not commercial corns (3.08 and 3.06%) in longissimus fat content. In summary, there were no differences in growth performance or carcass measurements in growing-finishing pigs fed diets containing either Roundup Ready® corn, the parental control corn, or two commercial sources of non-genetically modified corn.

Key Words: Pigs, Genetically Modified Corn, Carcass Measurements

Introduction

Genetically modified crops offer producers a wide variety of agronomic benefits. The use of Roundup Ready® corn provides the producer with flexible and broad-spectrum, post-emergent weed control. Glyphosate, which is the active ingredient in the herbicide Roundup, is one of the most widely used herbicides in the world (Sidhu et al., 2000). Therefore, Roundup Ready® corn (event GA21) was developed to be tolerant to glyphosate by the insertion of a single protein, the modified maize enzyme mEPSPS. Subsequently, Roundup Ready® corn containing event NK603 is also commercialized which expresses the CP4 EPSPS protein, which is derived from *Agrobacterium* sp. Strain CP4. Both the mEPSPS and CP4 EPSPS proteins are functionally similar to wild-type

plant EPSPS enzymes except for a much-reduced affinity for glyphosate (LeBrun et al., 1997). Researchers have demonstrated that Roundup Ready® corn is substantially equivalent to non-transgenic corn (Stanisiewski et al., 2001; Taylor et al., 2001).

Because finishing pigs consume large quantities of corn, this experiment was conducted to determine whether pigs fed the Roundup Ready® hybrid RR-NK603 and conventional (non-genetically modified) corn have similar performance. Therefore, the objective of this study was to compare growth performance and carcass quality measurements in growing-finishing pigs fed diets containing either Roundup Ready® corn (RR-NK603), the parental control corn (RX670), or two commercial sources of non-genetically modified corn (DK647 and RX740).

Materials and Methods

Animals and Treatments

A total of 144 crossbred (PIC × Duroc × Hampshire) barrows and gilts with an initial BW of 22.6 kg were used. The pigs were allotted to a randomized complete block experiment with a 2 × 4 factorial arrangement of treatments. Blocks were based on initial weight and pen location within the building. There were two sexes (barrows and gilts) and four genetic corn lines (RX740, DK647, RX670, and RR-NK603). Diets (Table 1) contained corn and soybean meal and were fortified with vitamins and minerals to meet or exceed the NRC (1998) requirements for 20- to 120-kg pigs. There were four diet phases during the experiment (Grower 1, Grower 2, Finisher 1, and Finisher 2). Each diet phase was 28 d, except Finisher 2 which was 19 d, this resulted in a total experimental period of 103 d.

The pigs were housed in a modified-open-front building with 24 pens (pen dimensions 1.5 m × 4.8 m), and each pen contained six pigs. Pigs had ad libitum access to feed and water throughout the experimental period. Pigs remained on the experiment until the average BW of the pigs reached approximately 116 kg, at which time all pigs were removed from the experiment.

Data and Sample Collection

Pigs were weighed and feed intakes were measured biweekly to determine ADG, ADFI, and feed efficiency (ADG/ADFI). Real-time ultrasound measurements were taken at the end of the experiment by a certified technician, and tenth-rib backfat (BF) depth and longissimus muscle area (LMA) were recorded. At the termination of the experiment, the pigs were shipped to SiouxPreme Packing Co. in Sioux Center, Iowa, where carcass characteristics were measured on individually identified pigs using total body electrical conductivity (TOBEC). At 24 h postmortem, midline BF measurements (first rib, tenth rib, last rib, and last lumbar) and LMA traces at the tenth rib were collected on all the carcasses. Carcass quality tests were also performed at 24 h postmortem. These tests were on the longissimus muscle at the tenth rib and included pH; firmness and marbling scores; and Minolta L*, a*, and b* values. Loin samples were collected at the tenth rib from half of the pigs per treatment, and were used to determine longissimus muscle composition.

Corn samples from each genetic line were collected before the start of the experiment and sent to Monsanto for nutrient analysis. A corn sample from each genetic line was collected for crude protein and amino acid analysis, which was performed at UNL. Also, a soybean meal sample was collected at the feedmill during the production

of each dietary phase for the determination of crude protein and amino acid concentrations. Diet samples were collected biweekly. A subsample of each diet was sent to Monsanto for diet analysis, and a second subsample was retained at UNL for diet analysis.

Sample Analysis

Corn, soybean meal, and diet samples were ground through a 1-mm screen before analysis. Ingredient and diet samples were analyzed in duplicate for crude protein according to AOAC (1990) procedures (Tables 2 and 3). Samples were hydrolyzed for 20 h (6 N HCl) at 107 °C before separation of amino acids by ion-exchange HPLC. After elution, amino acids were quantified fluorometrically using o-phthalaldehyde as a derivatization reagent (Tables 2 and 3).

Statistical Analysis

Data were analyzed as a randomized complete block design using PROC MIXED of SAS (1999). The main effects in the statistical model were sex (barrows and gilts) and genetic corn line (RX740, DK647, RX670, and RR-NK603). Also, the sex × corn line interaction was included in the statistical analysis. Contrasts were performed to compare the transgenic line with its parental control and with the two commercial reference lines. Performance data were analyzed by two different methods. In the first method, all animals remained in the data set. Thus, feed conversion was calculated by using the total feed consumption of the pen divided by the total weight of the surviving animals in the pen and the weight of the animals removed from the experiment. In the second method, pigs that did not complete the entire experimental period were removed from the data set. For the second method, feed conversion was calculated by using the total feed

consumption minus the assumed feed consumption of the pigs removed from a pen divided by the total growth of the surviving animals at the end of the experiment. In all analyses pen was the experimental unit.

Results

Growth Performance. Average daily gain, ADFI, and feed efficiency (ADG/ADFI) for the four diet phases and the entire experimental period are shown in Tables 4 and 5. During the four diet phases, ADG, ADFI, and feed efficiency were not affected ($P \geq 0.30$) by corn. Average daily gain was greater (0.75, 1.03, 1.06, and 1.01 kg versus 0.71, 0.88, 0.96, and 0.94 kg; $P < 0.05$) in barrows than gilts during the four diet phases. Also, ADFI was greater (1.48, 2.46, 3.11, and 3.32 kg versus 1.40, 2.11, 2.65, and 2.91 kg; $P < 0.05$) in barrows than gilts during the four diet phases. During the Finisher 1 and 2 periods, gilts had better (0.36 and 0.32 versus 0.34 and 0.30; $P < 0.01$) feed efficiency than barrows, with no differences ($P \geq 0.53$) between barrows and gilts during the Grower 1 and 2 periods. Results of the overall experimental period indicate no differences ($P \geq 0.54$) in corn for ADG, ADFI, and feed efficiency. However, overall ADG (0.96 versus 0.87 kg) and ADFI (2.53 versus 2.21 kg) were greater ($P > 0.001$) in barrows than gilts, and overall feed efficiency was better (0.39 versus 0.38; $P < 0.001$) in gilts than barrows.

Carcass Characteristics. Real-time ultrasound, carcass, and TOBEC measurements are summarized in Table 6. Ultrasound measurements of tenth-rib BF and LMA did not differ ($P \geq 0.38$) among corns, but tenth-rib BF was greater ($P < 0.0001$) in barrows (2.31 cm) than gilts (1.84 cm). Carcass BF (first rib, tenth rib, last rib, and last lumbar) measurements were similar ($P \geq 0.43$) among corns, but differences (4.94, 3.27,

3.65, and 2.52 cm versus 4.59, 2.74, 3.31, and 2.10 cm; $P < 0.05$) between barrows and gilts for all carcass BF measurements were detected with no differences ($P \geq 0.14$) in LMA. Total body electrical conductivity measurements for hot carcass weight (92.11 kg versus 85.33 kg; $P < 0.001$), shoulder weight (12.48 kg versus 12.16 kg; $P < 0.08$), and total lean (45.06 kg versus 43.98 kg; $P < 0.10$) were greater for barrows than gilts. However, gilts had a greater (39.97% versus 37.77%; $P < 0.0001$) percentage of primal weight in relation to hot carcass weight and a greater (51.50% versus 49.02%; $P < 0.01$) percentage of fat-free lean compared to barrows. None of the TOBEC measurements differed among corns ($P \geq 0.30$). Carcass fat-free lean gain calculated from TOBEC measurements was not affected by either sex or corn ($P \geq 0.14$).

Longissimus Muscle Quality Scores and Composition. Longissimus muscle quality scores for pH; marbling and firmness; and Minolta L*, a*, and b* values were not affected ($P \geq 0.32$) by sex or corn line, except for pH which was greater ($P < 0.05$) in barrows (5.65) than gilts (5.60) (Table 7). Protein and water percentage of the longissimus muscle were similar ($P > 0.21$) between barrows and gilts and among corns. The longissimus muscle fat percentage was influenced by sex ($P = 0.07$) and corn variety ($P = 0.07$). The genetically modified corn (RR-NK603) vs parental (RX670) comparison resulted in a difference ($P < 0.04$) in longissimus muscle fat percentage with pigs fed the parental corn (2.20%) having less fat than pigs fed the genetically modified corn (2.99%).

Discussion

The results indicate no significant differences among the corns for ADG, ADFI, or feed efficiency. Similar results have been shown in chicken growth studies with Roundup Ready® corn. Results of the chicken experiments have shown no differences

in growth, feed efficiency, or fat pad weights among broilers fed Roundup Ready® corn, the parental control line, or commercial corn varieties (Sidhu et al., 2000; Taylor et al., 2001). However, in the present study, traditional sex differences between gilts and barrows were observed in growth performance. Recent experiments using barrows and gilts during the finishing period have shown that barrows have greater ADG and ADFI than gilts. However, in these same experiments, gilts had superior feed efficiency compared to barrows (Cromwell et al., 1993; Hahn et al., 1995; Stanisiewski et al., 2001). Results of the current experiment support the results of previous experiments and indicate the same differences in ADG, ADFI, and feed efficiency between barrows and gilts.

Dietary treatment did not affect ultrasound and carcass measurements, however a difference in backfat depth between barrows and gilts was detected, with no difference in longissimus muscle area. The difference in backfat depth between barrows and gilts is supported by the results of Cromwell et al. (1993) and Hahn et al. (1995), however in their experiments gilts had greater longissimus muscle area than barrows, which is in contrast to the results of the present experiment. The similar longissimus muscle area between barrows and gilts may be a result of feeding the barrows and gilts the same lysine concentration throughout the four-phase growing-finishing experiment. Previous research has shown that gilts require higher dietary concentrations of lysine compared to barrows to maximize growth performance and carcass leanness (Friesen et al., 1994). The significant effect of sex on hot carcass weight is a result of terminating the experiment on a constant time basis resulting in a significant difference in final weight between barrows and gilts.

Total body electrical conductivity measurements of the ham, loin, and shoulder weights were similar among corns, but the weight of the shoulder was significantly different between barrows and gilts. This increase in shoulder weight of the barrows is a result of the greater slaughter weight of barrows (121 kg) versus gilts (112 kg). However, the TOBEC estimation of primal weights is similar to the wholesale primal weights reported by Gu et al. (1992) and Cisneros et al. (1996). The combined weight of the primals (ham, loin, and shoulder) as a percentage of the hot carcass weight was greater in gilts than barrows. Similarly, Unruh et al. (1996) reported that when barrows and gilts are fed to an end weight of 127 kg, the primal percentage is greater in gilts than in barrows. Previous studies have shown that gilts produce carcasses with a greater percentage of lean compared to barrows at similar end weights (Cromwell et al., 1993; Unruh et al., 1996). The percentage of fat-free lean was greater in gilts than barrows in the present experiment. This observation is supported by the decrease in backfat measurements and a greater primal percentage in gilts than barrows.

Longissimus muscle pH is strongly related to pork quality. pH is highly correlated to the quality traits of color and water holding capacity as well as various eating quality traits, such as tenderness (NPPC, 2000). In the present study, corn did not affect pH, but there was a significant effect of sex on the pH value with longissimus muscles from barrows having a greater pH value than those from gilts. Most previous studies (Unruh et al., 1996; Nold et al., 1999) have indicated that 24-h postmortem pH measurements are similar between barrows and gilts. Although, a significant effect of sex on pH was detected, the pH values were similar to previous experiments and the pH is within the normal range for measurements taken 24 h postmortem. The subjective

measurements of marbling and firmness of the longissimus muscle were similar among corns and between barrows and gilts. The marbling and firmness values in the present study were numerically similar to those of previous experiments where pigs were fed a corn-soybean meal diet (Engel et al., 2001; Payne et al., 2001).

The different corns and sexes resulted in minimal influence on longissimus muscle color scores (Minolta L*, a*, and b*). The Minolta L* values, which measure the lightness (0-100) of the sample, were within a normal range of 42 to 50 and were in agreement with other data (Nold et al., 1999; Engel et al., 2001). Although, Minolta a* and b* values, which measure the amount of red (+a*) or green (-a*) and the amount of yellow (+b*) or blue (-b*) in a meat sample, were not affected by corn or sex, the numerical values of the present study were lower than those of previously reported experiments (Unruh et al., 1996; Nold et al., 1999; Engel et al., 2001; Payne et al., 2001).

The percentages of protein and water in longissimus muscle in the present experiment were not affected by corn or sex ($P > 0.05$). This finding is similar to that of Stanisiewski et al. (2001), who reported no treatment effects on chemical composition of muscle. Also, the percentages of protein, fat, and water in longissimus muscle are similar to the percentages reported by Unruh et al. (1996). There was a trend toward differences in longissimus muscle fat percentage due to sex ($P = 0.07$) and corn ($P = 0.07$). Barrows (3.08%) had a greater fat percentage than gilts (2.59%). This observation is consistent with the greater backfat measurements and lesser fat-free lean percentage in barrows than gilts. In contrast, Unruh et al. (1996) reported no difference between barrows and gilts in longissimus muscle lipid percentage. Although the main effect of corn on longissimus muscle fat was not significant at the $P < 0.05$ level, individual contrasts indicated less fat

($P < 0.04$) in the parental control group (2.20%) than the Roundup Ready® group (2.99%). However, the Roundup Ready® group did not differ ($P < 0.80$) from the two commercial varieties (3.08% and 3.06%).

Compositional analyses have been conducted to measure proximate (protein, fat, ash, carbohydrate, and moisture), acid detergent fiber, neutral detergent fiber, amino acid, fatty acid, calcium, and phosphorus contents of Roundup Ready® corn line GA21 (Sidhu et al., 2000). Results from the compositional analyses showed that the amounts of proximate components, fiber, phosphorus, amino acids, and fatty acids in the Roundup Ready® corn line GA21 were comparable to those in the grain of the control line and were within published literature ranges. Calcium concentration in the Roundup Ready® corn line GA21 and the control line were ~2 to 4-fold lower than the values reported in the literature and this difference was attributed to differences in analytical procedures (Sidhu et al., 2000). Because Roundup Ready® corn has been shown to be similar in composition to that of traditional corn, it is not surprising that in the present experiment no differences were detected among corns for growth performance; ultrasound and carcass measurements; and longissimus muscle quality measurements.

Implications

This experiment demonstrates that the feeding value of Roundup Ready® corn (RR-NK603; event NK603 expressing the CP4 EPSPS protein) is equivalent to that of conventional corns (RX740 and DK647). Therefore, Roundup Ready® corn can be used in swine diets with no detrimental effects on growth performance or carcass characteristics.

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Table 1. Ingredient and calculated composition of diets, as-fed basis

	Dietary Phases[a]			
Ingredients, %	Grower1	Grower 2	Finisher 1	Finisher 2
Corn	68.07	74.21	78.11	81.79
Soybean meal (46.5% CP)	26.00	20.25	16.25	12.75
Tallow	3.00	3.00	3.00	3.00
Dicalcium phosphate	1.25	.85	.93	.75
Limestone	.40	.40	.40	.40
Salt	.30	.30	.30	.30
Vitamin premix [b]	.70	.70	.70	.70
Trace mineral premix [c]	.10	.10	.10	.10
Antibiotic	.13	.13	.13	.13
Lysine•HCl	.05	.06	.08	.08
Calculated nutrient content				
Crude protein, %	18.10	15.80	14.30	12.10
Lysine, %	1.00	.85	.75	.65
ME [d], Mcal/kg	3.44	3.46	3.46	3.46
Calcium, %	.70	.60	.60	.55
Phosphorus, %	.60	.50	.50	.45

[a] The only difference in the four diets within each dietary phase was the addition of the different genetic corn lines.

[b] Supplied per kilogram of diet: retinyl acetate, 3,088 IU; cholecalciferol, 386 IU; α-tocopherol acetate, 15 IU; menadione sodium bisulfite, 2.3 mg; riboflavin, 3.9 mg; d-pantothenic acid, 15.4 mg; nicacin, 23.2 mg; choline, 77.2 mg; vitamin B_{12}, 15.4 Φg.

[c] Supplied per kilogram of diet: Zn (as ZnO), 110 mg; Fe (as $FeSO_4XH_2O$), 110 mg; Mn (as MnO), 22 mg; Cu (as $CuSO_4X5\ H_2O$), 11 mg; I (as $Ca(IO_3)XH_2O$), .22 mg; Se (as Na_2SeO_3), .3 mg.

[d] Metabolizable energy.

Table 2. Crude protein and amino acid analysis of individual ingredients, as fed basis

Item	Corn [a]			
	RX740	DK647	RX670	RR-NK603
Crude protein analysis	8.13	7.85	7.90	7.35
Amino acid analysis				
Amino acids, %				
Alanine	.66	.58	.61	.56
Arginine	.26	.36	.29	.29
Aspartic acid	.56	.54	.56	.50
Cystine	.24	.24	.20	.18
Glutamic acid	1.67	1.47	1.53	1.37
Glycine	.31	.31	.31	.30
Histidine	.22	.23	.21	.21
Isoleucine	.26	.24	.23	.22
Leucine	1.04	.93	.93	.84
Lysine	.24	.25	.25	.23
Methionine	.18	.18	.17	.19
Phenylalanine	.40	.38	.37	.36
Serine	.42	.38	.40	.36
Threonine	.30	.30	.30	.29
Tyrosine	.25	.25	.23	.27
Valine	.35	.34	.33	.31

Item	Dietary phases [b]			
	Grower1	Grower 2	Finisher 1	Finisher 2
Crude protein analysis				
Soybean meal (46.5% CP)	48.42	49.25	46.56	45.29
Amino acid analysis				
Amino acids, %				
Alanine	2.12	2.06	2.03	2.00
Arginine	3.13	2.83	2.90	2.78
Aspartic acid	5.77	5.83	5.44	5.35
Cystine	.83	.85	.77	.78
Glutamic acid	9.37	9.62	8.80	8.69
Glycine	1.97	2.00	1.90	1.90
Histidine	1.20	1.23	1.13	1.13
Isoleucine	1.85	1.93	1.81	1.79
Leucine	3.61	3.68	3.43	3.42
Lysine	2.89	2.89	2.77	2.75
Methionine	.76	.73	.70	.68
Phenylalanine	2.30	2.39	2.15	2.17
Serine	2.63	2.59	2.39	2.38
Threonine	1.89	1.97	1.94	1.88
Tyrosine	1.64	1.71	1.51	1.57
Valine	1.92	1.99	1.87	1.88

[a] A single corn sample was collected for each genetic corn line when the corn was delivered to the feedmill.

[b] A separate soybean meal sample was collected at the feedmill during the production of each dietary phase.

Table 3. Crude protein and amino acid analysis of diet samples, as fed basis

Item	Dietary phases			
	Grower1	Grower 2	Finisher 1	Finisher 2
Crude protein analysis				
Complete Diet (RX740)	18.11	16.36	14.99	13.27
Complete Diet (DK647)	17.83	16.75	14.70	12.55
Complete Diet (RX670)	17.89	15.54	14.11	12.55
Complete Diet (RR-NK603)	17.98	15.38	14.19	12.33
Amino acid analysis - complete diet (RX740)				
Amino acids, %				
Alanine	.98	.88	.80	.75
Arginine	.88	.85	.72	.64
Aspartic acid	1.83	1.58	1.30	1.11
Glutamic acid	3.54	3.12	2.72	2.43
Glycine	.69	.61	.54	.48
Histidine	.45	.40	.35	.32
Isoleucine	.64	.57	.48	.42
Leucine	1.62	1.49	1.35	1.25
Lysine	.91	.78	.70	.58
Phenylalanine	.87	.76	.68	.60
Serine	.94	.82	.72	.64
Threonine	.72	.61	.53	.47
Tyrosine	.56	.51	.45	.41
Valine	.71	.65	.55	.48
Amino acid analysis - complete diet (DK647)				
Amino acids, %				
Alanine	.90	.88	.78	.70
Arginine	1.01	.84	.74	.56
Aspartic acid	1.78	1.62	1.32	1.10
Glutamic acid	3.36	3.18	2.65	2.31
Glycine	.68	.65	.55	.48
Histidine	.44	.42	.36	.32
Isoleucine	.61	.59	.49	.41
Leucine	1.50	1.51	1.30	1.17
Lysine	.91	.84	.72	.59
Phenylalanine	.84	.79	.66	.58
Serine	.88	.84	.72	.62
Threonine	.69	.65	.55	.48
Tyrosine	.55	.51	.43	.38
Valine	.71	.67	.57	.50

Table 3. (Continued)

Item	Dietary phases			
	Grower1	Grower 2	Finisher 1	Finisher 2
Amino acid analysis - complete diet (RX670)				
Amino acids, %				
Alanine	.91	.83	.77	.72
Arginine	.94	.80	.77	.67
Aspartic acid	1.78	1.50	1.31	1.12
Glutamic acid	3.35	2.97	2.62	2.34
Glycine	.69	.61	.55	.49
Histidine	.45	.39	.35	.32
Isoleucine	.62	.53	.48	.42
Leucine	1.52	1.37	1.27	1.17
Lysine	.95	.80	.73	.60
Phenylalanine	.83	.73	.65	.59
Serine	.89	.82	.71	.63
Threonine	.70	.58	.52	.48
Tyrosine	.54	.49	.42	.40
Valine	.70	.60	.57	.52
Amino acid analysis - complete diet (RR-NK603)				
Amino acids, %				
Alanine	.90	.77	.75	.69
Arginine	.97	.81	.72	.64
Aspartic acid	1.82	1.44	1.31	1.10
Glutamic acid	3.38	2.77	2.60	2.28
Glycine	.71	.59	.56	.49
Histidine	.45	.38	.37	.33
Isoleucine	.64	.52	.48	.41
Leucine	1.50	1.29	1.25	1.13
Lysine	.94	.79	.75	.62
Phenylalanine	.84	.70	.65	.57
Serine	.91	.75	.71	.61
Threonine	.72	.59	.54	.48
Tyrosine	.56	.48	.42	.38
Valine	.72	.58	.56	.50

Table 4. Growth performance of barrows and gilts

Item[b]	Genetic Line					P-Value				
	RX740	DK 647	RX 670	RR-NK603	SEM	Trt	Sex	Trt × Sex	GMO vs P[c]	GMO vs Conv.[d]
Initial Wt., kg	22.58	22.58	22.56	22.55	.0340	.9137	<.0001	.8880	.7766	.4945
Final Wt., kg	116.21	116.65	116.50	116.36	1.4846	.9970	<.0001	.5448	.9486	.9686
Grower 1										
ADG, kg	.715	.748	.716	.724	.0133	.3038	.0111	.6592	.6763	.6576
ADFI, kg	1.423	1.470	1.423	1.451	.0233	.4328	.0066	.6759	.4079	.8733
ADG/ADFI	.503	.509	.503	.499	.0043	.4892	.7433	.4758	.5520	.2422
Grower 2										
ADG, kg	.957	.956	.956	.945	.0140	.9257	<.0001	.2372	.5885	.5347
ADFI, kg	2.277	2.285	2.310	2.273	.0422	.9252	<.0001	.8224	.5488	.8830
ADG/ADFI	.421	.418	.414	.416	.0032	.4721	.7164	.2799	.5666	.4260
Finisher 1										
ADG, kg	1.016	.984	1.022	1.019	.0211	.5771	.0003	.7193	.9014	.4969
ADFI, kg	2.860	2.839	2.918	2.897	.0660	.8358	<.0001	.7554	.8266	.5713
ADG/ADFI	.356	.348	.352	.353	.0044	.5962	.0002	.9889	.9157	.9050
Finisher 2										
ADG, kg	.967	.976	.973	.983	.0239	.9719	.0119	.3483	.7822	.6989
ADFI, kg	3.063	3.112	3.092	3.189	.0666	.5964	<.0001	.4958	.3204	.2369
ADG/ADFI	.317	.314	.316	.309	.0046	.6941	.0007	.8106	.3405	.3092
Overall										
ADG, kg	.909	.910	.912	.912	.0134	.9984	<.0001	.5946	.9993	.8902
ADFI, kg	2.348	2.360	2.378	2.387	.0428	.9181	<.0001	.8535	.8865	.5442
ADG/ADFI	.388	.386	.384	.383	.0027	.6113	.0002	.6542	.7559	.2474

[a] Data set contains all pigs in the experiment.

[b] Block Effects = **Initial weight** *P-Value* = < .0001, **Grower 1** (ADG *P-Value* = .0017) (ADFI *P-Value* = .0006), **Grower 2** (ADG/ADFI *P-Value* < .0001), **Finisher 1** (ADG/ADFI *P-Value* =.0332), **Finisher 2** (ADG/ADFI *P-Value* = .0417), **Overall** (ADG/ADFI *P-Value* = .0024).

[c] Transgenic line (RR-NK603) comparison with parental control line (RX 670).

[d] Transgenic line (RR-NK603) comparison with conventional lines (RX 740 and DK 647).

Table 5. Growth performance of barrows and gilts

Item [b]	Genetic Line					P-Value				
	RX740	DK 647	RX 670	RR-NK603	SEM	Trt	Sex	Trt × Sex	GMO vs P[c]	GMO vs Conv.[d]
Initial wt., kg.	22.58	22.58	22.56	22.54	.0338	.8813	<.0001	.9087	.7242	.4383
Final wt., kg	116.21	116.65	116.50	116.36	1.4846	.9970	<.0001	.5448	.9486	.9686
Grower 1										
ADG, kg	.715	.746	.716	.726	.0131	.3422	.0077	.6961	.6020	.7760
ADFI, kg	1.423	1.470	1.423	1.451	.0233	.4328	.0066	.6759	.4079	.8733
ADG/ADFI	.503	.508	.503	.501	.0042	.6878	.5340	.5576	.6882	.3935
Grower 2										
ADG, kg	.957	.955	.956	.945	.0140	.9306	<.0001	.2422	.5920	.5519
ADFI, kg	2.277	2.285	2.310	2.273	.0422	.9252	<.0001	.8224	.5488	.8830
ADG/ADFI	.421	.418	.414	.417	.0032	.4934	.7628	.3011	.5669	.4613
Finisher 1										
ADG, kg	1.016	.997	1.022	1.012	.0224	.8696	.0010	.5666	.7562	.8406
ADFI, kg	2.860	2.842	2.918	2.897	.0663	.8481	<.0001	.7527	.8274	.5835
ADG/ADFI	.356	.352	.352	.351	.0043	.7992	<.0001	.8880	.8281	.5219
Finisher 2										
ADG, kg	.967	.976	.973	.983	.0239	.9702	.0116	.3499	.7752	.6911
ADFI, kg	3.063	3.112	3.092	3.189	.0666	.5938	<.0001	.4967	.3185	.2351
ADG/ADFI	.317	.314	.316	.309	.0046	.6979	.0007	.8138	.3435	.3125
Overall										
ADG, kg	.909	.913	.912	.911	.0143	.9971	<.0001	.5357	.9546	.9827
ADFI, kg	2.348	2.367	2.378	2.388	.0434	.9255	<.0001	.8360	.8733	.5791
ADG/ADFI	.388	.386	.384	.382	.0028	.5425	.0001	.6307	.6472	.1872

[a] Two pigs removed from the data set.

[b] Block Effects = **Initial weight** *P-Value* = < .0001, **Grower 1** (ADG *P-Value* = .0013) (ADFI *P-Value* = .0006), **Grower 2** (ADG/ADFI *P-Value* < .0001), **Finisher 1** (ADG/ADFI *P-Value* = .0085), **Finisher 2** (ADG/ADFI *P-Value* = .0410), **Overall** (ADG/ADFI *P-Value* = .0027).

[c] Transgenic line (RR-NK603) comparison with parental control line (RX 670).

[d] Transgenic line (RR-NK603) comparison with conventional lines (RX 740 and DK 647).

Table 6. Ultrasound and carcass measurements

Item	Genetic Line				SEM	P-Value				
	RX740	DK 647	RX 670	RR-NK603		Trt	Sex	Trt × Sex	GMO vs P [b]	GMO vs Conv. [c]
Ultrasound measurements										
Backfat, cm	2.071	2.046	2.070	2.097	.0800	.9767	<.0001	.7341	.8175	.7028
LMA [d], cm^2	46.760	47.906	48.894	48.437	.8763	.3816	.8013	.3176	.7178	.3212
Carcass measurements [e]										
First rib, cm	4.763	4.805	4.748	4.737	.1532	.9899	.0366	.1542	.9592	.8076
Tenth rib, cm	2.999	2.968	2.977	3.079	.0747	.7156	<.0001	.6574	.3527	.3122
Last rib, cm	3.612	3.426	3.380	3.502	.1031	.4336	.0055	.9633	.4141	.8953
Last lumbar, cm	2.307	2.271	2.314	2.355	.0757	.8878	<.0001	.4851	.7081	.4863
LMA, cm^2	55.291	56.584	58.588	56.545	2.0213	.7180	.1481	.6376	.4867	.8098
TOBEC measurements										
Hot carcass wt., kg	88.372	89.015	88.725	88.763	1.2696	.9875	.0001	.8117	.9835	.9651
Ham wt., kg [g]	10.194	10.254	10.128	10.159	.1208	.8952	.7109	.5093	.8568	.6685
Loin wt., kg [g]	11.733	12.136	11.872	11.949	.1459	.3065	.1746	.9204	.7172	.9381
Shoulder wt., kg [g]	12.214	12.423	12.341	12.290	.1655	.8377	.0769	.7505	.8305	.8877
Primal percentage [g h]	38.677	39.039	38.866	38.884	.3722	.9225	<.0001	.6234	.9730	.9556
Total lean, kg [f]	42.561	42.361	42.184	42.072	.5965	.9330	.0924	.4277	.8911	.5844
Percent lean [f]	48.219	47.512	47.668	47.588	.5699	.8126	.0010	.5986	.9222	.6969
Lean gain, g/d [i]	343.15	341.01	339.46	338.43	5.4504	.9332	.1400	.4189	.8963	.5933

[a] Ultrasound data set contains 142 pigs and the carcass data set contains 141 pigs.
[b] Transgenic line (RR-NK603) comparison with parental control line (RX 670).
[c] Transgenic line (RR-NK603) comparison with conventional lines (RX 740 and DK 647).
[d] Longissimus muscle area.
[e] Backfat measurements were taken at the midline.
[f] Figured on a fat-free lean basis.
[g] Contains 5% fat.
[h] Primal percentage was calculated by taking the total weight of the primals (ham, loin, and shoulder) divided by the hot carcass weight.
[i] Lean gain calculation: $\frac{\text{Final fat-free lean} - \text{Initial fat-free lean}}{103\text{ d}}$

[j] Initial fat-free equation: .95 * [-3.95 + (.418 * live weight, lb)]

Table 7. Longissimus muscle quality scores and composition

Item[b]	Genetic Line					P-Value				
	RX740	DK 647	RX 670	RR-NK603	SEM	Trt	Sex	Trt × Sex	GMO vs P[c]	GMO vs Conv.[d]
Longissimus muscle quality scores										
Marbling	2.00	2.00	2.03	2.00	.014	.4217	.3343	.4217	.1792	1.0000
Firmness	2.08	1.93	2.22	2.08	.096	.2589	.4336	.7887	.3259	.5358
pH	5.63	5.63	5.60	5.64	.016	.4341	.0147	.1424	.1314	.6581
Minolta L*	49.75	50.78	50.59	50.69	.623	.6354	.8049	.5425	.9150	.5832
Minolta a*	7.20	6.71	7.17	7.40	.262	.3220	.9953	.7931	.5350	.1824
Minolta b*	2.11	2.39	2.51	2.58	.294	.6890	.8519	.8558	.8675	.3715
Longissimus muscle composition, %										
Protein	23.74	23.48	23.78	23.51	.216	.6814	.2107	.3489	.3846	.6909
Fat	3.08	3.06	2.20	2.99	.247	.0699	.0706	.3366	.0394	.8082
Water	72.31	72.40	72.71	72.53	.262	.7293	.3964	.8895	.6314	.5998

[a] Data set includes 141 pigs, two pigs were not slaughtered and one loin was lost at the slaughter facility.
[b] Block Effects = **pH** *P-Value* = .0442.
[c] Transgenic line (RR-NK603) comparison with parental control line (RX 670).
[d] Transgenic line (RR-NK603) comparison with conventional lines (RX 740 and DK 647).

Appendix 2

Protocol and Amendments

PROTOCOL

Monsanto Study Plan #:

00-01-46-37
University of Nebraska #004-06

Study Title:

Comparison of Swine Performance When Fed Diets Containing Roundup Ready® Corn (NK 603), Parental Line or Conventional Corn Grown During 2000 in Nebraska

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Attachments

1.0 Introduction

Monsanto is developing a second generation Roundup Ready® (RR) corn line (NK 603), which has been genetically modified to tolerate Roundup® (glyphosate) treatment. Researchers have demonstrated NK603 corn to be substantially equivalent in composition to the non-transgenic corn. Since finishing swine consume large quantities of corn, this study is being conducted to confirm that pigs fed RR and conventional (non-genetically modified) corn have similar performance.

2.0 Purpose

The purpose of this study is to compare feed intake, feed efficiency, gain and carcass quality in growing-finishing pigs fed diets containing either Roundup Ready® corn (NK603), parental control or two commercial sources of non-genetically modified corn.

3.0 Time Lines

Animal Feeding Start Date	November, 2000
Animal Feeding End Date	April, 2001

4.0 Type of Study

A swine wholesomeness study will be conducted following the concepts in Center for Veterinary Medicine's Guideline: Good Target Animal Study Practices - Clinical Investigators and Monitors (May 1997). This study is not required for regulatory approval.

5.0 Quality Assurance

The Monsanto Regulatory Quality Assurance Unit will provide quality assurance support such as protocol and final report reviews.

6.0 Test, Control and Reference Substances

6.1 *Test Substance.* The test substance is transgenic corn event NK603 in hybrid line CRR0633. Grain was harvested and sampled in accordance with production plan 00-01-46-18. Test corn is designated treatment "A".

6.2 *Control.* The control is non-genetically modified corn grain from hybrid line RX670. Grain was harvested and sampled in accordance with production plan 00-01-46-18. Control corn is designated treatment "B".

6.3 *Reference Substances.* Two commercial varieties of non-transgenic corn (DK647 and RX740) were grown, harvested and stored at the University of Nebraska. Grain was harvested and sampled in accordance with production plan 00-01-52-01. Hybrid DK647 is designated treatment "C" and RX740 treatment "D".

6.4 *Test and Control Substance Storage.* Test, control and reference grain will be stored at ambient temperature.

6.5 *Test and Control Substance Administration.* Corn will be ground (~ 600 to 800 microns) and blended into complete diets and fed to pigs in meal form. Formulated diets will be stored at ambient temperature.

6.6 *Test and Control Substance Preparation and Accountability.* Test, control and reference substance accountabilities will be maintained throughout the study. Amount of product harvested, used and in inventory will be recorded. Excess test, control and reference product can be fed to other animals upon completion of the trial herein.

6.7 *T/C/R Characterization.* Prior to the start of the study, test, control and reference substances (grain) were sampled and sent to Monsanto in properly labeled plastic bags on dry ice with the appropriate LIMS code per production plans 00-01-46-18 and 00-01-52-01.

Corn grain samples were allocated for the following analyses to be completed prior to feeding: About 50 g for characterization by Monsanto to confirm the test substance is actually the RR product and controls are not; about 200 g for mycotoxin screening by Romer Labs, Inc.; about 200 g to Dairy One, DHI Forage Analysis Laboratory for nutrient content; and about 200 g to Covance Laboratories, Inc. for amino acid composition. Remaining samples will be retained by the sponsor.

7.0 Test System

7.1 *Site.* This study will be conducted at the University of Nebraska Swine Research unit in Lincoln, NE. The record-keeping system will include individual body weights, pen feed intakes, carcass yield, live ultrasound, total body electrical conductivity (TOBEC) and all medications and therapies and other management information for the care of the pigs.

7.2 *Animals.* This study will include 144 head of healthy pigs, predominantly of PIC x Duroc x Hampshire cross weighing 20 - 25 kg (44 - 53 lbs) at the start of the

study. The pigs will be selected from a pool of about 500 pigs farrowed at the University of Nebraska swine unit (Attachment 2). Half of the pigs will be gilts and the other half will be barrows. Animals will be assigned to the study using an animal inventory form (Attachment 3). Animals will be assigned to specific pens based on body weight about one week prior to the start of the study. At the time of allotment, a visual health check of the pigs will be done by the investigator.

Species	Swine (*Sus scrofa*)
Breed	PIC x Duroc x Hampshire cross
Strain	University of Nebraska
Supplier	University of Nebraska
Sex	Castrated Males (barrows) & Females (gilts)
Weight	~ 20 to 25 kg
Identification	Ear notch
Number of pigs:	72 barrows, 72 gilts
Number of treatments:	4
Number of pens/treatment:	6 (3 pens of barrows and 3 pens of gilts)
Number of pigs/pen:	6
Number of pigs/treatment:	36 (18 barrows, 18 gilts)
Total number of pens:	24

7.3 *Identification.* All animals on study will be uniquely identified by permanent means (ear notch). Additional non-permanent identification such as ear tags must include a backup such as two ear tags.

7.4 *Safety.* Safety procedures will be followed according to practices currently used at the site. Appropriate security measures will be in place to prevent destruction and stealing of the test and control substances. The swine facilities should have controlled access.

7.5 *Animal Care and Facilities.* Established site practices will be followed for management, health care, and feeding. The formulated feed will meet or exceed the current NRC's guidelines. Feed and water will be available *ad libitum* throughout the trial. The study file will include a description of the feeding program, including diet specifications and ingredients, feed and ingredient sampling. In addition, validation (calibration and maintenance records) of the following systems will be included in the study file: Accuracy of scales for measuring feed offered and refused, mixing, weighing of swine and carcasses.

7.6 *Housing.* Assignment of treatments to pens will be conducted using a computer random numbers generator utilizing a randomized complete block design. The computer-generated assignment will be as follows:

Table 1. Treatment Assignment of Pens

PEN	TRT	Block		Continued		
1	C	1		PEN	TRT	Block
2	A	1		14	B	4
3	D	1		15	D	4
4	B	1		16	A	4
5	A	2		17	A	5
6	B	2		18	B	5
7	D	2		19	D	5
8	C	2		20	C	5
9	B	3		21	C	6
10	D	3		22	A	6
11	C	3		23	D	6
12	A	3		24	B	6
13	C	4		25	Extra	

Animals will be housed in semi-solid sided pens on floors that are part solid and part concrete slats in an environmentally controlled modified open front facility. All animals will be placed in clean pens (4 ft x 15.5 ft) over partially slatted floors.

Environmental conditions for the animals (i.e., floor space, temperature, lighting, animal density, feeder and water space) will be similar for all experimental groups.

8.0. Experimental Design and Conduct

8.1 *Design.* This is a randomized complete block design with 24 pens (each pen containing six animals) in each of four treatment groups. There are 3 pens of barrows and 3 pens of gilts per treatment. There will be six blocks of four pens. Pen is the experimental unit. The heaviest barrows will be allotted randomly to one of the four pens in Block 1, the process will continue with the next heaviest group of barrows until all pens in the 6 blocks are filled. The same allocation process will be followed for the heaviest gilts, and so on. The duration of the study treatment period will be for ~ 120 days depending on the gain of the animals. The facility is a modified open front design with a single row of 25 pens. The first block of four pens will contain the first four pens in the row. The second block of four will contain the next four pens and so forth.

8.2 *Treatments.* All animals will be fed their experimental diets beginning at the initiation of a 7 to 10 day adjustment period. Actual treatment/descriptions for each code will not be made available to the site personnel during the course of the study.

Table 2. Treatment Description

Trt	Corn ID	No. Pigs/ Pen	Tot. No. Pens	Tot. No. Males	Tot. No. Females	Tot. No. Pigs/Trt
1	A	6	6	18	18	36
2	B	6	6	18	18	36
3	C	6	6	18	18	36
4	D	6	6	18	18	36

Where A = RR; B = Control; C = Conventional 1 (DK647); D = Conventional 2 (RX740)

8.3 *Diets.* Roundup Ready, control and conventional corn will be stored on site at University of Nebraska. University of Nebraska will maintain the identity of the different corn substances and conduct procedures to assure there is no cross-over or cross-contamination among the different varieties.

Dehulled soybean meal (protein source) to be used in the formulation will be sampled and sent to Monsanto where Monsanto will coordinate the analyses for nutrient content. Analyses will include but not be limited to moisture, acid detergent fiber, neutral detergent fiber, crude protein, crude fat, ash, Ca, P, Mg, K, Na, S, Mn, Fe, Cu, and Zn (Dairy One, Forage Analysis Laboratory) and amino acid composition (Covance Laboratories, Inc.).

All diets will contain similar levels of energy (approximately 1500 kcal ME/lb) and lysine, methionine, threonine, and tryptophan. All diets will conform with industry standards and/or meet or exceed the nutritional recommendations set forth in the 1998 Swine NRC publication.

Corn will be incorporated into the diet in a fixed percentage for each of the four treatment groups. Diet adjustments will be made at about 28 day intervals. The ingredient composition of the diets for each phase (see Section 9.2) and the duration that they will be on each diet will be documented and kept in the study file. Pigs will be allowed *ad libitum* access to feed.

Treatment identification will be blinded to barn personnel by assigning a treatment number and color-code to each treatment; the corn ID will be revealed at study end.

After the diets have been mixed, subsamples (~200 g) will be collected during the bagging process. Subsamples will be composited, mixed and duplicate samples taken of about 500 g each. One sample will be used for both line identification (Monsanto, about 50 g) and nutrient analysis (Dairy One; crude protein, acid and neutral detergent fiber, ash, fat, Ca, P, Mg, K, Na, Mn, Cu, Fe, Zn, Covance; amino acid composition). A sample of commingled feed will also be tested for the RR trait at Monsanto. The remainder of each composite will be properly labelled and retained by the sponsor. A second sample will be retained at University of Nebraska at about −13°C to −26°C. Additional assays may be requested; all assay results will be included in the final report.

Feed will not be assayed for the presence of contaminants, which are not expected. However, the back-up sample of each diet will be retained until the final report has been signed in the event contaminant analysis is deemed necessary.

8.4 *Water.* A copy of the research facility water analyses will be included with the final report. Drinking water will not be analysed for the presence of contaminants, which are not expected. If present, all animals would be equally exposed.

8.5 *Treatment Assignment.* Animals that are healthy and meet the selection criteria (Attachment 2) will be assigned to study the day before the initiation of the treatment period using an Animal Inventory form and Pen Assignment forms (Attachments 3 & 4).

8.6 *Study Duration.* The treatment period is anticipated to last until pigs achieve a final body weight of about 114 kg (250 lb), which should occur at about 120 days.

8.7 *Animal Disposition.* Animals will remain on study until the end of the treatment period after which they will be slaughtered (Sioux-Preme Packing Co., Sioux Center, IA) and carcass measurements obtained. Animals may only be removed from the study for significant health reasons. Animals removed from study for health reasons must be examined by qualified personnel, and the reason for removal recorded. Animals that die while on study or that require euthanasia because they are moribund will be necropsied to the extent necessary to determine cause of death or morbidity. The removal of animals either prematurely or at the end of the study will be recorded on an Animal Release form (Attachment 5).

9.0 Observations, Examinations and Tests

9.1 *Water.* Water will be available to the pigs *ad libitum* throughout the study via nipple waterers. Waterers will be checked once daily and cleaned to assure a clean water supply to animals at all times.

9.2 *Feed Intake.* Feed will be available *ad libitum* throughout the study via one feeder per pen. All feed added and removed from pens will be weighed every two weeks. All diet changes will be conducted at the same time for all pens. The feeding period for finisher diets will be as specified by the nutritionist (Dr. Austin Lewis) at the time the diets are formulated or before each of four phases of 28 days.

9.3 *Feed Composition.* Feed samples will be taken at time of manufacture and analyzed (see section 8.3). In addition, samples of the dietary ingredients (with exception of known supplements such as mineral mixes) will be taken from each lot and/or batch before they are incorporated in the ration. Samples will be analyzed (Dairy One) using wet chemistry methods for moisture, fat, acid detergent fiber, neutral detergent fiber, starch, crude protein, lysine, ash, calcium, phosphorus, magnesium, sodium, potassium, copper, manganese, zinc and iron and others as deemed necessary by the Investigator. Samples will be forwarded to Dairy One (Ithaca, NY) and/or others depending on final analyses required.

9.4 *Daily Observations.* The test facility, pens, and animals will be observed twice daily for general animal condition, water, feed, and any unanticipated events. If abnormal conditions or abnormal behavior are noted at any of the observation times, they will be recorded as an unanticipated event in the logbook. High and low temperatures and humidity will be recorded daily and will be included in the final report.

9.5 *Mortality.* Starting on day 0, any animal that is removed, found dead, or is sacrificed will be weighed and recorded on the pen mortality record. All mortalities will be necropsied to determine the probable cause of death. Probable cause of death and necropsy findings will be recorded. Any excessive mortality will be reviewed and reported immediately by telephone or E-mail to the Sponsor.

9.6 *Body Weights & Weighbacks.* Animals will be weighed on study day 0, biweekly thereafter, and at study end (~day 120). After the animals are weighed, pen feed weighbacks will be measured. At the time of last weighing, backfat and loin eye will be ultrasonically measured using a real-time ultrasound unit.

9.7 *Carcass Yield.* Measurements will include: loin eye area (LEA) sq in, estimated weights of primal cuts, hot carcass weight, dressing percentage, backfat (P2, First rib, last rib, last lumbar), loin color, marbling, and firmness (subjective). Weights of primal cuts will be estimated by total body electrical conductivity (TOBEC) as reported by Meseck *et al.*, 1997 (J. Animal Sci. 75:3169).

9.8 *Tissue DNA.* Selected tissues from each carcass will be collected onto dry ice, forwarded to the sponsor, and retained frozen for quantitation of DNA associated with the RR trait. Tissue collections must be approved through abattoir management.

9.9 *Data Handling.* Performance data will be summarized by average weight per pen. Adjusted feed conversion will be calculated in two ways. First, using the total feed consumption in a pen divided by the total weight of the surviving animals and the weight of the animals that died or were removed from that pen. Second, using total feed consumption minus the assumed feed consumption of the dead or removed animals in a pen divided by the total growth of the surviving animals at the end of the study. Source data (including reports from supporting laboratories) will be archived at Monsanto, Regulatory Science. An exact copy of the data will remain at the test facility for five years. All samples (e.g. feed) should have a unique identification number including date of collection.

10.0 Data Analysis

Statistical analyses will be performed at the University of Nebraska. Each measurement to be statistically analyzed will be processed by two different procedures. The basic method will be a two-factor analysis of variance under a randomized block structure. The two factors are line and sex. The main effect of sex and the line-sex interaction will be tested and noted. The main effect of Line is not of importance since only specific line comparisons are of interest. Mean separation procedures will be based on the pooled variance t-statistic. This is equivalent to a Least Significant Difference (LSD) procedure. The transgenic line will be compared with its parental control and the two commercial reference lines. A separate set of these comparisons will be determined for males, females, and the average of both males and females. In addition to tables, the results of these analyses should be graphically summarized for each measurement analyzed.

11.0 Dispositions

11.1 *Excess Test Substance.* An accounting of corn received and used will be documented. Any corn not used to mix the complete feed will be disposed of by feeding to non-study animals. Retention corn samples will be sent to the Sponsor for archival at study end.

11.2 *Feed.* An accounting will be maintained of all treatment diets. The amount mixed, used, and discarded will be documented. Unused feed will be disposed of by feeding to non-study animals. Retention samples will be sent to the Sponsor for archival at study end.

11.3 *Test Animals.* An accounting will be maintained of all animals received for study. Animals will be sacrificed by stunning.

12.0 Protocol Amendments & Deviations

Any change in the final approved protocol will be documented as an amendment. Any deviation from the approved protocol will be documented as a deviation. The amendment and deviations will contain, but not be limited to, the study number, amendment/deviation number, name and address of the Investigator, identification of the protocol section and page number, reason(s) for the protocol amendment/deviation, how the change will affect the study, and effective date of the amendment. Copies of all amendments/deviations will be provided to the facility QA and the Sponsor. All protocol changes will be discussed and agreed upon by the Sponsor and must conform to Good Laboratory Practice regulations before they are implemented. All deviations should be reported to the Sponsor

immediately after they are detected. All protocol amendments will be signed and dated by the Investigator and Study Director. Amendments/deviations will be appended to the protocol and included in the final report.

13.0 Records to be Maintained

A. Adverse experiences or reactions

B. Amendments, deviations, clarifications to the protocol and memos to file, etc.

C. Animal inventory

D. Animal release

E. Body weights

F. Carcass data

G. Clinical observations

H. Contact reports

I. Descriptions of feeding programs

J. Feed Accountability (controls and treatment)

K. Feed formulations

L. Feed offered and weighbacks

M. Feed sample collection and analysis results

N. Final statistical analyses, plots, results, and summaries

O. Log entries

P. Medication records

Q. Necropsy results, if applicable

R. Test and control article accountability

S. Treatment assignments

T. Temperature and humidity records (animal barns, freezers, etc.)

U. Calibration records (scales, thermometers, etc.)

V. Tissue collection records

Attachment 1
Criteria for Site Selection

1. A sufficient number pigs available for start on study at the same time
2. Records of biweekly pen feed intakes
3. Reliable record-keeping of health records for individual animals
4. Regular herd health practices, no major health problems in herd
5. Adequate labor that is well trained
6. Qualified Clinical Investigator
7. GLP practices in place or approaching GLP standards
8. Secure facilities for storing test and control substances and conduct of the study
9. Adequate storage facilities for test and control substances
10. Feed complete diet
11. Good nutrition program
    a. Balanced rations
    b. Consistent and adequate feed and water supply

Attachment 2
Criteria for Selection of Animals for Study Eligibility

Healthy high lean strain of terminal market pig weighing about 20 to 25 kg (72 gilts and 72 barrows). Pigs will be identified for eligibility by 14 days of age.

Good general health (i.e., no digestive or metabolic disorders, respiratory problems, or injury). Specific criteria include:

a) Good conformation (feet, legs)
b) Good disposition, easy to handle and be acclimated to facility
c) Animals will not be on any other study

Attachment 3
Animal Inventory Form

ID	ID	ID	ID	ID	ID	ID	ID	ID	ID

Signature of Investigator **Date**

Attachment 4
Pen Assignment Form

Pen No.	Pig ID	Pig ID	Pig ID	Pig ID	Pig ID	Pig ID	Pen No.	Pig ID	Pig ID	Pig ID	Pig ID	Pig ID	Pig ID

Signature of Investigator **Date**

Attachment 5
Animal Release Form

Date	Animal ID	Reason for removal from study	Initials

Signature of Investigator **Date**

Signatures

Approved by:

Edward P. Stanisiewski — 13 Nov 00
Study Monitor
Monsanto Company
Date

Gary F. Hartnell — Nov 01 00
Study Co-Monitor and Sponsor Representative
Monsanto Company
Date

Patrick T. Weston — Nov 16, 2000
Testing Facility Management Representative
Monsanto Company
Date

James D. Astwood — Nov. 14, 2000
Director, Product Safety Center
Monsanto Company
Date

Austin J. Lewis — Nov 20, 2000
Clinical Investigator
University of Nebraska
Date

Reviewed by:

Paula A. Price — Nov. 16, 2000
Quality Assurance
Monsanto Company
Date

Changjian Jiang — Nov. 17, 2000
Statistician
Monsanto Company
Date

Study Plan Amendment Form **Amendment #: 1**

Monsanto Study Plan #: **00-01-46-37**

Date changes implemented: November 29, 2000

Page number(s) and section(s): Page 5, Section 6.0
Page 9, Section 8.2.

Study Plan originally stated:

6.1 *Test Substance.* The test substance is transgenic corn event NK603 in hybrid line CRR0633. Grain was harvested and sampled in accordance with production plan 00-01-46-18. Test corn is designated treatment "A".

6.2 *Control.* The control is non-genetically modified corn grain from hybrid line RX670. Grain was harvested and sampled in accordance with production plan 00-01-46-18. Control corn is designated treatment "B".

6.3 *Reference Substances.* Two commercial varieties of non-transgenic corn (DK647 and RX740) were grown, harvested and stored at the University of Nebraska. Grain was harvested and sampled in accordance with production plan 00-01-52-01. Hybrid DK647 is designated treatment "C" and RX740 treatment "D".

8.2 Table 2. Treatment Description

Where A = RR; B = Control; C = Conventional 1 (DK647); D = Conventional 2 (RX740)

Study Plan amended as follows:

6.1 *Test Substance.* The test substance is transgenic corn event NK603 in hybrid line CRR0633. Grain was harvested and sampled in accordance with production plan 00-01-46-18. Test corn is designated treatment "D".

6.2 *Control.* The control is non-genetically modified corn grain from hybrid line RX670. Grain was harvested and sampled in accordance with production plan 00-01-46-18. Control corn is designated treatment "C".

6.3 *Reference Substances.* Two commercial varieties of non-transgenic corn (DK647 and RX740) were grown, harvested and stored at the University of Nebraska. Grain was harvested and sampled in accordance with production plan 00-01-52-01. Hybrid DK647 is designated treatment "B" and RX740 treatment "A".

Study Plan Amendment Form **Amendment #: 1**

8.2 Table 2. Treatment Description

Where A = Conventional 2 (RX740); B = Conventional 1 (DK647); C = Control; D = RR

Reason for the amendment and what impact will result from this change:
Treatments are blinded to study personnel and identified only by letter code. When mixing diets, it is desirable to mix test material last to avoid potential for contamination. By rearranging the letter codes, the investigator can request that diets be mixed in sequence A, B, C and D. Thus, test material (D) is mixed last.

Approved By:

Austin J. Lewis — Jan 25, 2001
Austin J. Lewis
Clinical Investigator — Date

Gary F. Hartnell — 05MAR01
Gary F. Hartnell
Sponsor Representative — Date

Edward P. Stanisiewski — 22 Jan '01
Edward P. Stanisiewski
Study Monitor — Date

Reviewed By:

Paula A. Price — 05 MAR 01
Quality Assurance Specialist — Date

Study Plan Amendment Form **Amendment #: 2**

Monsanto Study Plan #: **00-01-46-37**
University of Nebraska #: **004-06**

Date changes implemented: November 20, 2000 (A)
March 8, 2001 (B)

Page number(s) and section(s): Page 6, Section 7.2 (A)
Page 12, Section 9.8 (B)
Page 2, Analytical Testing Facilities (B)

Study Plan originally stated:

A.
7.2 *Animals.* This study will include 144 head of healthy pigs, predominantly of PIC x Duroc x Hampshire cross weighing 20 - 25 kg (44 - 53 lbs) at the start of the study. The pigs will be selected from a pool of about 500 pigs farrowed at the University of Nebraska swine unit (Attachment 2). Half of the pigs will be gilts and the other half will be barrows. Animals will be assigned to the study using an animal inventory form (Attachment 3). Animals will be assigned to specific pens based on body weight about one week prior to the start of the study. At the time of allotment, a visual health check of the pigs will be done by the investigator.

Species	Swine (*Sus scrofa*)
Breed	PIC x Duroc x Hampshire cross

B.
9.8 *Tissue DNA.* Selected tissues from each carcass will be collected onto dry ice, forwarded to the sponsor, and retained frozen for quantitation of DNA associated with the RR trait. Tissue collections must be approved through abattoir management.

Analytical Testing Facilities: Romer Labs, Inc.
1301 Stylemaster Drive
Union, MO 63084

Dairy One
DHI Forage Analysis Laboratory
730 Warren Road
Ithaca, NY 14850

Study Plan Amendment Form **Amendment #: 2**

Covance Laboratories
Wisconsin Facility
3310 Kinsman Blvd.
Madison, WI 53704

Monsanto Company
700 Chesterfield Parkway North
St. Louis, MO 63198

Study Plan amended as follows:

A.

7.2 *Animals.* This study will include 144 head of healthy pigs, predominantly of Danbred x (Danbred x NE White Line) cross weighing 20 - 25 kg (44 - 53 lbs) at the start of the study. The pigs will be selected from a pool of about 500 pigs farrowed at the University of Nebraska swine unit (Attachment 2). Half of the pigs will be gilts and the other half will be barrows. Animals will be assigned to the study using an animal inventory form (Attachment 3). Animals will be assigned to specific pens based on body weight about one week prior to the start of the study. At the time of allotment, a visual health check of the pigs will be done by the investigator.

Species	Swine (*Sus scrofa*)
Breed	Danbred x (Danbred x NE White Line)

B.

9.8 *Tissue Collection.* Samples of loin muscle (longissimus) will be collected from approximately half of the study animals and forwarded to University of Missouri-ESCL for proximate analysis (moisture, protein and fat). Selected tissues from remaining carcasses (at least 10 pigs per treatment) will be collected onto dry ice, forwarded to the sponsor, and retained frozen for quantitation of DNA associated with the RR trait. Tissue collections must be approved through abattoir management.

Analytical Testing Facilities: Romer Labs, Inc.
1301 Stylemaster Drive
Union, MO 63084

Study Plan Amendment Form **Amendment #: 2**

Dairy One
DHI Forage Analysis Laboratory
730 Warren Road
Ithaca, NY 14850

Covance Laboratories
Wisconsin Facility
3310 Kinsman Blvd.
Madison, WI 53704

Monsanto Company
700 Chesterfield Parkway North
St. Louis, MO 63198

Experiment Station Chemical Laboratories
Room 4 Agriculture Building
University of Missouri
Columbia, MO 65211

Reason for the amendment and what impact will result from this change:

By oversight in the protocol draft and review process, the wrong breed of pig was identified. The correction notes the breed of pig utilized at University of Nebraska, and has no impact on the study.

Muscle composition can affect tenderness and other characteristics of interest to swine producers and consumers. Collection of samples for determination of moisture, protein and fat was deemed a beneficial addition to the protocol. The University of Missouri-ESCL is the laboratory of choice for proximate analyses of tissues.

Approved By:

Austin J. Lewis — Feb 4, 2002
Austin J. Lewis
Clinical Investigator
Date

Gary F. Hartnell — 14 Feb, 2002
Gary F. Hartnell
Sponsor Representative
Date

Study Plan Amendment Form

Amendment #: 2

Edward P. Stanisiewski
Study Monitor

30 Jan '02
Date

Reviewed By:

Paula Price
Quality Assurance Specialist

13 Feb '02
Date

AMENDMENT 1 TO FINAL REPORT

STUDY TITLE

13 Week Feeding Study in Rats with Grain from Roundup Ready ®Corn (NK603) Preceded by a 1-Week Baseline Food Consumption Determination with PMI Certified Rodent Diet #5002

DATA REQUIREMENT

Adapted from OECD Guideline No. 408

AUTHORS

B. Richard Dudek, Ph.D., D.A.B.T

STUDY COMPLETED ON:

December 3, 2001

PERFORMING LABORATORY

Monsanto Company
Metabolism and Safety Evaluation-Newstead (MSE-N)
645 S. Newstead Avenue
St. Louis, Missouri 63110

PROJECT NUMBER

MSE-N 99091
ML-99-253
MSL 17423
MSL 17555 (Amendment to MSL 17423)

Volume 1 of 2

GLP COMPLIANCE STATEMENT

The study MSE-N 99091 (ML-99-253) was conducted in accordance with the principles of the OECD (1997) Good Laboratory Practice and MHLW Good Laboratory Practice (GLP) Standards with the following exceptions:

Stability of the transgenic or nontransgenic corn grain was not determined since the diets containing the corn grain were certifiable in content by the manufacturer.

Appropriate methodology to quantify 11 or 33% transgenic corn grain in the diets was not available. However, gravimetric procedures were used to formulate the diets to contain 11 and 33% corn grain.

Homogeneity of the diet formulations was not determined because an appropriate methodology to quantify the concentration of transgenic or nontransgenic corn grain in diets was not available.

Test diets were prepared at a facility that is ISO 9002 certified and followed Good Manufacturing Practices rather than Good Laboratory Practices.

The mycotoxin analysis of grain was not done according to 40 CFR Part 160 Good Laboratory Practice Standards. Nevertheless, these analyses were conducted under high scientific standards.

Compositional, pesticide and immunochemical and molecular analyses were done according to 40 CFR Part 160 Good Laboratory Practice Standards with the exceptions noted in the compliance sections of Appendices 5 and 6 of this report.

B. Richard Dudek 8/31/01

B. Richard Dudek, Ph.D., D.A.B.T. Date
Study Director

Merrill R. Osheroff August 27, 2001

Merrill R. Osheroff, Ph.D., D.A.B.T. Date
Director, MSE-N

REPORT SIGNATURE PAGE

This report accurately represents the data developed during the study.
This report is amended as described in Appendix ~~13~~ 12 of the report.

B. Richard Dudek 12/3/01

B. Richard Dudek, Ph.D., D.A.B.T. — Date
Study Director

Melissa L. Miller 11.26.01

Melissa L. Miller, B.S. — Date
Study Coordinator

Merrill R. Osheroff December 3, 2001

Merrill R. Osheroff, Ph.D., D.A.B.T. — Date
Director, MSE-N

Nov. 29/01

James D. Astwood, Ph.D. — Date
Director, Product Safety Center

11/29/01

Bruce G. Hammond, Ph.D., D.A.B.T. — Date
Study Monitor

11/29/01

Margaret A. Nemeth, Ph.D. — Date
Statistician

ABSTRACT

This study was undertaken to compare the responses of rats fed diets containing grain from a Roundup Ready® corn event NK603 to rats fed (1) diets containing grain from the parental variety (nontransgenic) corn and (2) a series of diets containing grain from nontransgenic commercial corn hybrids, designated as reference controls.

Male and female Sprague Dawley rats (6 weeks of age, 20 rats/sex/group) were fed one of the following diets for 13 weeks: diets containing 11 or 33 % (wt./wt.) NK603 corn grain; diets containing 11 or 33% (wt./wt.) parental control corn grain or diets containing 33% (wt./wt.) reference control corn grain (six commercial hybrids were tested). There were a total of 10 groups or 400 rats in the study. All diets were formulated by Purina TestDiets (Richmond, Indiana) to be as similar as possible to PMI (Purina Mills Inc.) Certified Rodent Diet 5002®, which contain approximately 33% (wt./wt.) corn grain. The diets which contained 11% test (NK603) or parent grain were supplemented with 22% corn grain (nontransgenic commercial hybrid) to bring the total corn grain content in diets up to 33% (wt./wt.), consistent with other test and control diets. Grain samples and diets were analyzed for nutrient composition and residues (*e.g.*, pesticide residues and mycotoxins). All diets were balanced to have similar protein and fat content.

PMI Certified Rodent Diet #5002 was administered during Week 1 to establish baseline food consumption for each animal and was followed by administration of test and control diets from Week 2 to Week 14. Food consumption was determined daily for Days 1, 2, 3 and during Days 4-7 for each of the first two weeks of the study. Following Week 2, food consumption was measured weekly.

All animals were observed twice daily for morbidity and moribundity. Body weight was recorded at weekly intervals. After 5 and 14 weeks, blood and urine were collected from 10 animals/sex/group for blood chemistry, hematology and qualitative and quantitative urine analyses. Coagulation parameters were determined at the terminal blood collection only. After 14 weeks, all animals were sacrificed and necropsied. Protocol specified tissues were collected and organs were weighed. Selected tissues were examined microscopically.

The reference controls were used to establish whether statistically significant differences between the transgenic and parental control groups were also significant when compared to a population of normal responses for rats fed commercial nontransgenic corn grain. If for a particular parameter, differences between test and parent were statistically significant but were not statistically significantly different when compared to the population of reference controls, the difference was not considered to be biologically meaningful. In total, some 1050 comparisons were made and approximately 53 of these were anticipated to be significant by chance alone at the 5% significance level.

There were two mortalities during the study. One from the high dose NK603 male group and one from a reference control male group. Neither was considered related to treatment. There were no other adverse clinical reactions observed in the study. Body weight gain and food consumption were comparable across all groups. Organ weights were similar across test and control groups and gross pathology findings were unremarkable in test groups and comparable to control groups. Clinical pathology parameters (chemistry, hematology, coagulation, urinalyses) were similar across groups with only a few exceptions. The few statistically significant differences in clinical parameters were not considered biologically meaningful as they were either not dose related, or the values were within the range of the reference controls. Microscopic examination of tissues showed no differences between rats fed diets containing 33% NK603 grain compared to those fed diets with 33% parental control grain.

In conclusion, rats fed corn grain containing event NK603 corn responded similarly to rats fed parental and reference control grain. This study confirmed the equivalence of Roundup Ready NK603 corn to its parent control line and nontransgenic commercial corn varieties.

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NOTES TO READER

Animal Identification System

The current MSE-N animal number format is YYXXXSGGANNN where YYXXX is the study number, Y is the study year, and X is the study sequence number within the year. S represents the animal's sex, G is the primary group code, A is the subgroup code (in most cases this character is omitted), and N is the animal's sequence number within the group, e.g., 99091M01 001. The animal designation may be further reduced by exclusion of the study number, e.g., M01 001.

Trademarks

The following trademarks were used in this report:

ITEM	REGISTERED TRADEMARK OF:
RODENT DIET	PMI Feeds, Inc., St. Louis, MO

Terms

The following terms are used as column headings in some data tables:

GEN	Generation (F0, F1, etc.) Indicated only in reproduction studies.
PERIOD (PER)	A number corresponding to a specified interval within the study; used to facilitate data reporting.
WINDOW	A series of days within a study when data could have been collected for the corresponding period. Actual data collection occurred on one or more of the days within the window.

Terminology

The terms parental and parent are used to identify the nontransgenic control grain in this report. For this study, hybrid seed was used to produce the grain for both the control and test (NK603) materials, which is typical of commercial grain

production. Hybrid seed is produced by crossing two inbred lines. The most appropriate nontransgenic control grain for this study was considered the grain produced from hybrid plants derived from the same inbreds as the test material but not containing the Roundup Ready gene.

INTRODUCTION

Monsanto Company has developed Roundup Ready corn containing the event NK603, which is tolerant to the herbicide glyphosate (the active ingredient in Roundup herbicide) at the whole plant level. This corn produces a glyphosate tolerant 5-enolpyruvylshikimate-3-phosphate synthase protein from *Agrobacterium* sp. strain CP4 (CP4 EPSPS). Plants that demonstrate a commercial level of tolerance to Roundup herbicide are called Roundup Ready. Monsanto has developed other Roundup Ready crops with this protein, such as soybeans, canola, sugarbeets and cotton. The CP4 EPSPS coding sequence from Agrobacterium sp. strain CP4 has been completely sequenced and encodes a 47.6-kD protein consisting of a single polypeptide of 455 amino acids (Padgette, et al., 1996). The CP4 EPSPS protein is functionally similar to plant *epsps* enzymes but has a significantly reduced affinity for glyphosate (Padgette et al., 1993). In nontolerant plants, glyphosate binds to the plant EPSPS enzyme and blocks biosynthesis of aromatic amino acids, thereby depriving plants of these essential nutrients (Steinrucken and Amrhein, 1980; Haslam, 1993). In Roundup Ready plants, nutritional requirements for normal plant growth and development are met by the continued action of the glyphosate-tolerant CP4 EPSPS enzyme in the presence of glyphosate.

A comprehensive safety assessment of the CP4 EPSPS protein has been published in the scientific literature (Harrison et al., 1996).

Safety assessment feeding studies conducted on corn event NK603 were based on the application of the principle of substantial equivalence which has been adopted by leading international food and regulatory bodies including the World Health Organization (WHO, 1991; 1995), the United Nations Food and Agricultural Organization (FAO, 1996), the Organization for Economic Cooperation and Development (OECD, 1993; 1996) and the International Life Sciences Institute

(ILSI, 1997). According to this principle, if a new food or feed derived from a genetically modified crop is shown to be substantially equivalent to its conventional counterpart, the genetically modified product is considered as safe as the food or feed from the conventional plant variety. Government authorities in Japan (MHLW 1996), Canada (Health Protection Branch, 1994), United States (FDA, 1992), United Kingdom (ACNFP, 1991), the European Union Novel foods (EC, 1997) and many other countries have adopted substantial equivalence as an integral part of the basis for the safety assessment of food derived from crops developed through biotechnology and have approved numerous products based on this approach.

The food and feed safety assessment of NK603 corn consists of five main components: 1) safety of the introduced CP4 EPSPS protein (Harrison, et al., 1996), 2) agronomic plant equivalence, 3) compositional equivalence demonstrated for corn grain and forage (MSL 16278 and MSL 16897), 4) equivalence as confirmed in animal feeding studies with broiler chickens (MSL 17107), and 5) the comparison of parameters as described in the purpose of this study.

Purpose

The purpose of this study was to compare parameters in Sprague Dawley rats fed a diet containing grain derived from a transgenic corn event NK603 to (1) a diet containing grain from its nontransgenic parental control line and (2) a population of diets containing grain from nontransgenic commercial hybrid corn lines (reference controls).

The reference control substances were selected to represent a range of growing environments and a diversity of germplasm. The following nontransgenic commercial hybrids were selected for the rat feeding study and formulated into

diets: Crows 363, Pioneer 3394, Croplan Genetics 461, Campbells 6995, DK539 and DK537.

Study Dates

Date protocol signed by Study Director:	April 13, 2000
First day of standard diet administration:	June 7, 2000
First day of test/control/reference diet administration:	June 14, 2000
Date last animal sacrificed:	September 28, 2000

Location of Test Facility

This study was performed at:
Metabolism and Safety Evaluation - Newstead
645 S. Newstead Ave.
St. Louis, MO 63110

Effective 29 May 1998, the testing laboratory name was changed from the Environmental Health Laboratory (EHL) to Monsanto Safety Evaluation – Newstead (MSE-N). Computer printouts, study numbers and some of the nomenclature in this report may retain the EHL designation, however, the terms EHL and MSE-N are synonymous.

Effective 28 June 1999, the testing laboratory name was changed from Monsanto Safety Evaluation - Newstead to Metabolism and Safety Evaluation - Newstead.

Applicable Testing Guidelines and Good Laboratory Standards/Principles

This study was performed in general accordance with the provisions specified in OECD guideline No. 408. The study was conducted in accordance with the appropriate provisions of the OECD (1997) Principles of Good Laboratory Practices and MHLW Good Laboratory Practices (GLP) Regulations. Except for

mycotoxin analysis, the compositional analyses of the corn grain and diets were conducted according to EPA FIFRA GLPs.

Justification for Selection of Test System

The rat was selected for the study since this species has been traditionally used to assess the safety and wholesomeness of food. Moreover, there is a historical database for the rat regarding the parameters that were measured.

Justification for Route of Administration

The oral route was chosen because it is the relevant route of exposure for assessing the wholesomeness of food.

Experimental Design

The treatment structure of this study was factorial using sex and dietary treatment. Two levels of transgenic corn grain (11% and 33% wt./wt.) were assessed along with two levels of control (parental, nontransgenic) corn grain (11% and 33% wt./wt.). In addition, there were six reference control groups (commercial hybrids, nontransgenic), each containing approximately 33% (wt./wt.) corn grain. Each group contained 40 animals (20/sex). During Week 1, all animals received PMI Certified Rodent Diet #5002 (meal). Rats began receiving test or control diets beginning Week 2. Parameters evaluated during the in-life phase included food consumption, body weights, hematology, clinical chemistry and urinalysis. A gross necropsy was conducted and protocol specified tissues were weighed and/or retained. Selected tissues were microscopically examined. The table below illustrates the treatment group design:

Treatment Groups			
Diet	**Group**	**Material ID (% in diet)**	**Animals/Sex**
NK603[t]	M1/F1	NK603-L (11%)	20
NK603[t]	M2/F2	NK603-H (33%)	20
Parent line[n]	M3/F3	Parent-L (11%)	20

Treatment Groups			
Diet	**Group**	**Material ID (% in diet)**	**Animals/Sex**
Parent line[n]	M4/F4	Parent-H (33%)	20
Reference line[n] Crows 363	M5/F5	Crows 363 (33%)	20
Reference line[n] Pioneer 3394	M6/F6	Pioneer 3394 (33%)	20
Reference line[n] Croplan Genetics 461	M7/F7	Croplan Genetics 461 (33%)	20
Reference line[n] Campbells 6995	M8/F8	Campbells 6995 (33%)	20
Reference line[n] DK539	M9/F9	DK539 (33%)	20
Reference line[n] DK537	M10/F10	DK537 (33%)	20

[t] transgenic event
[n] nontransgenic variety

MATERIALS AND METHODS

Test Material

Identification

Corn event NK603

Date Received

April 20, 2000

Description

Corn grain harvested from plants containing transgenic event NK603 that were sprayed with glyphosate at commercial rates of application.

Source

Monsanto Company
700 Chesterfield Parkway North
Chesterfield, MO 63198

Reserve Samples

A reserve (~10 g) sample of each test and reference material was taken and stored frozen at MSE-N in accordance with OECD Principles of Good Laboratory Practices. At study completion, reserve samples were discarded.

Lot Numbers

Material ID	Lot #	Material ID	Lot #
NK603 (L)	10078-57AB	Pioneer 3394	10066-57AF
NK603 (H)	10079-57AA	Croplan Genetics 461	10067-57AG
Parent (L)	10074-57AD	Campbells 6695	10068-57AH
Parent (H)	10075-57AC	DK539	10069-57AM
Crows 363	10065-57AE	DK537	10070-57AN

Characterization

Characterization activities were the responsibility of the Sponsor and are reported in Biotech Regulatory Sciences Study #99-01-46-54 which is provided as a sub-report to this study (Appendix 5). Compositional analysis (nutrient profile), mycotoxin analysis, pesticide residue analysis, molecular and/or immunochemical analysis (as available) of the test control and reference control material were managed by the Sponsor. With the exception of the mycotoxin analysis (Romer Labs, Inc.), these assays were conducted under the EPA FIFRA GLPs. Results are reported in Biotech Regulatory Sciences Study 99-01-46-54.

The Monsanto Biotechnology Regulatory Sciences group performed molecular and/or immunochemical analysis of the diets containing the test, parental control and reference control materials to confirm identity of the diets. Covance Laboratories performed compositional and contaminant analyses of the diets containing the test, control and reference control substances (Appendix 6).

Route of Administration

Dietary admix

Dose Levels

NK603 transgenic corn, parental (nontransgenic) control corn and reference control (commercial hybrid) corn were administered at the following dose levels: The transgenic and parental corn lines were administered at two levels (11 and 33% in diet) while the six reference control (commercial hybrid) groups were administered at the 33% level.

Justification for Dose Selection

The 33% dietary level was well in excess of the 5% maximum recommended level (based on nutritional considerations) for test materials in rodent feeding studies. It was appropriate in this study because corn grain is normally added to PMI Certified Rodent Diet #5002 (PMI Feeds, Inc., St. Louis, MO) at a maximum concentration (considered to be nutritionally optimal) of approximately 33%. Levels beyond 33% would be nutritionally unbalanced and could introduce a possible nutritional deficiency. In the event of a response at the 33% level, the 11% level was included to reveal a potential dose-response.

Diet Formulation

Diets were formulated to be as nutritionally similar as possible to commercially available Purina Certified #5002 diets (see Appendix 6). Documentation of formulation (batch records) was provided. Purina TestDiets in Richmond, Indiana

formulated the diets. The same lots of base ingredients (vitamin premix, fiber, etc.), except for corn grain provided by Monsanto, were used to make all test and control diets.

Diet Characterization

Results of analyses showed that the grain used in the study was not contaminated with pesticide residues or levels of mycotoxin that might interfere with the results of the study. Test grain (NK603) contained the *cp4 epsps* gene based on PCR analyses; the control and reference control grain did not contain the *cp4 epsps* gene. In addition, ELISA analysis confirmed the presence of the CP4 EPSPS protein in the test grain and its absence in the control and reference controls. The composition of the grain was used by Purina TestDiets to formulate diets to be as similar as possible to PMI certified diets. The test diets were reanalyzed to confirm that they would meet the specifications for PMI certified diets. The test diets contained the *cp4 epsps* gene and the control and reference control diets did not contain the *cp4 epsps* gene which provided added confirmation that diets were formulated correctly.

The Sponsor managed characterization activities on test and control grains. These are included as a sub-report to this report; see Appendix 5 and Appendix 11 for the results of the analyses. See Appendix 6 for the results of the analyses of the formulated diets for the *cp4 epsps* gene and for compositional and contaminant analysis which were done as part of this study.

Animals

Species

Sprague-Dawley albino rats

Strain

Crl:CD®(SD)IGS BR

Source

Charles River Laboratories, Inc.

Kingston, NY

Date of Arrival at MSE-N

May 16, 2000

Acclimation Period

21 days

Number Used in Study

400 total; 200 males, 200 females. All animals were healthy at the time of release from quarantine.

Test Group Size

20/sex

Randomization and Bias Control

Animals were assigned to groups on Day -5 using a computer-generated randomization scheme that generated groups with similar body weight distribution. There were no statistically significant differences between groups, $p \leq 0.05$.

Method of Identification

Individual ear tags and bar-coded cage cards.

Age at Study Day 1

Males: 6 weeks

Females: 6 weeks

Weight Range at Randomization

Males: 161.2 to 204.8 grams

Females: 118.8 to 159.4 grams

Type of Housing

Rats were individually housed in suspended stainless steel, open-mesh cages in environmentally controlled rooms. Racks were rotated every 14 ± 2 days.

Water Availability

Water was supplied ad libitum via an automatic watering system (St. Louis public water supply). There were no known contaminants expected to be present in the water that would interfere with the results or conclusions of the study.

Food Availability

PMI Certified Rodent Diet #5002 or formulated diet was available ad libitum, except during periods of scheduled fasting. There were no known contaminants expected to be present in the feed that would interfere with the results or conclusions of the study.

Room Temperature Range

The room temperature was targeted at 64-84°F.

Room Humidity Range

Relative humidity was targeted at 30 to 70%.

Light Cycle

Lights were set for a 12 hr light/dark cycle with lights set to come on at 0630 (± 30 min) and go off at 1830 (±30 min). Interruption in the light cycle of ± 30 minutes was not considered a deviation.

NOTE: Animal housing and husbandry were in accordance with the provisions of the "Guide for the Care and Use of Laboratory Animals," National Research Council (1996).

In-Life Observations

Mortality and Moribundity

All animals were observed twice daily (morning and afternoon) for mortality and moribundity.

Body Weights

All animals were weighed on Day -5 (randomization), on Day 1 and weekly thereafter.

Food Consumption

Food consumption was determined weekly except for Weeks 1 and 2. During Week 1, food consumption (of PMI Certified Rodent Diet #5002) was measured for each animal on Study Days 1, 2, 3 and over Days 4-7 to provide a baseline for assessing the palatability of the formulated diets during Week 2. On Study Day 8 (after removal of the PMI Certified Rodent Diet #5002), animals in each group were offered their respective test or control diet and food consumption was measured on Study Days 8, 9, 10 and over Days 11-14 to assess palatability of formulated diets. Thereafter, food consumption was measured weekly through Study Week 14.

Clinical Observations

All rats were observed once daily for overt signs of toxicity (documented by exception). Animals were removed from their cages and given a detailed physical exam once per week.

Clinical Pathology

During Study Weeks 6-7, ten rats/sex/group were fasted (16-18 hours), anesthetized with halothane and blood was collected from the retro-orbital sinus. At termination, ten rats/sex/group were fasted at 16-18 hours, anesthetized with CO_2 and blood was collected from the posterior vena cava. Hematology and coagulation parameters were analyzed at MSE-Newstead and serum chemistry parameters were analyzed at either MSE-Newstead or MSE-Parkway. The following parameters were evaluated:

Hematology

Blood samples were collected with anticoagulant (EDTA) and analyzed for:

Hematocrit	Mean corpuscular hemoglobin
Hemoglobin	Mean corpuscular volume
Red blood cell count	Mean corpuscular hemoglobin concentration
White blood cell count	Platelet count
White cell differential count	Reticulocyte count*

*slides were prepared but not read as deemed by the Study Director

Clinical Chemistry

Serum samples were obtained and analyzed for:

alanine aminotransferase	globulin
albumin	glucose
albumin/globulin ratio (calculated)	alkaline phosphatase
aspartate aminotransferase	blood urea nitrogen
direct bilirubin	gamma glutamyl transferase
total bilirubin	total protein
sodium	potassium

calcium	phosphorous
chloride	creatinine

Coagulation

Prothrombin Time (PT) and Activated Partial Thromboplastin Time (APTT) were determined from plasma (collected from whole blood using sodium citrate as an anticoagulant) from terminal sacrifice animals only.

Urinalysis

Urine was collected from chilled containers prior to blood collection from the 10 animals per group selected for blood collection at five or six weeks and at termination of the Study. Samples were collected on ice or ice substitute for 16-18 hours. The following assays were performed:

Urinalysis Parameters

pH*	Urobilinogen*
Protein*	Ketones*
Glucose*	Microscopy of centrifuged sediment
Bilirubin*	Specific gravity
Occult blood*	Volume

*Semiquantitative determination

Urine Chemistry Parameters

Calcium	Sodium
Chloride	Potassium
Creatinine	Phosphorous
Creatinine clearance (calculated)	Protein

Necropsy

Unscheduled Sacrifice

All animals that were found dead or sacrificed as moribund (euthanasia via CO_2 anesthesia followed by exsanguination) were necropsied and tissues retained as specified below.

Scheduled Sacrifice

After 14 weeks on study, all surviving rats were humanely sacrificed. Following an overnight fast, body weight determination and blood sample collection (for assigned animals only), a complete necropsy was performed. The rats were sacrificed with CO_2 anesthesia and exsanguinated. Organs indicated (*) below were weighed. Paired organs were weighed together. The following tissues were retained and fixed with buffered 10% formalin except where noted.

Tissues Retained at Necropsy

aorta	ovaries*
adrenals*	pancreas
brain*[a]	pituitary
caecum	prostate
colon	rectum
duodenum	salivary glands
epididymides	seminal vesicles
esophagus	skin (to include mammary tissue)
eyes (0.5% glutaraldehyde/buffered 5% formalin)	spinal cord (cervical, thoracic, lumbar)
femur with joint	spleen*
heart*	sternum with marrow
ileum	stomach
jejunum	testes*
kidneys*	thymus (if available)

lesions or abnormal masses	thyroid/parathyroid
liver*	trachea
lung (with mainstream bronchi)	uterus (corpus and cervix)
lymph nodes (mesenteric and submaxillary)	urinary bladder
muscle (quadriceps femoris)	nerve (sciatic)

[a] To allow sections of medulla/pons, cerebellar cortex and cerebral cortex.

At the scheduled sacrifice, two bone marrow slides were prepared from femoral marrow of each animal and retained for possible evaluation. One slide was fixed with absolute ethanol and left unstained. The second slide was stained with Wright's stain. These slides were not evaluated based on a review of the data and after consultation between the Study Director and the Sponsor. These slides were discarded prior to completion of the final report.

Histopathology

The following tissues were sent to Experimental Pathology Laboratories, Inc. (EPL), processed to slides and evaluated microscopically (see Appendix 4 for the report) from animals in groups NK603 33% males (M2), Parent Control 33% males (M4), NK603 33% females (F2) and Parent Control 33% females (F4):

adrenals	lymph node (mesenteric)
brain	ovaries
colon	pancreas
duodenum	rectum
heart	spleen
ileum	stomach
jejunum	testes
kidneys	thyroid/parathyroid
liver	

Statistical Methods

The statistical analysis was managed and a report provided by the Monsanto Statistics Technology Center, Dr. Margaret Nemeth, Team Leader. Quality Assurance oversight of statistical analyses was provided by Monsanto Agricultural Regulatory Quality Assurance. The statistical report appears as a sub-report in the final study report (Appendix 9).

For quantitative measures, the transgenic event NK603 was compared with (1) its non-transgenic control counterpart and (2) the population of commercial hybrids. For each sex, the data were fit by a simple one-way analysis of variance model and specific treatment combinations compared using contrasts. Differences were considered statistically significant at $p \leq 0.05$.

Quantitative measures (body weight, food consumption, clinical pathology, organ weight data) were examined for variance heterogeneity, outliers and other anomalies which might compromise the validity of the standard analysis measures described above. If such difficulties exist, they were accommodated by rejecting outliers, transforming data, or by using resistant or non-parametric analogs of the standard analyses. All such accommodations were documented. Pathology data was analyzed using Fisher's Exact Test and the Bonferroni inequality.

Depending on the results from the primary analyses described above, additional statistical resolution may have been required. In this event, all follow-up procedures used and reason for any additional analyses were documented. All statistical analyses use the SAS statistical analysis program. Statistical analysis data were archived with the study data.

RESULTS

Analysis of Test Material and Diets

(Appendix 5, Appendix 6 and Appendix 11)

Information on the characterization of the test, control and reference corn grain samples used in this study is found in Appendix 5 (PCR) and Appendix 11 (ELISA). These data include: compositional analysis of the grain (e.g. protein, fat, amino acid composition, etc.); analysis of grain for pesticide and mycotoxin contamination; and molecular (PCR) analysis of grain to confirm that the test sample contained the gene coding for the *cp4 epsps* protein, while the parent line and reference control lines did not contain the *cp4 epsps* gene. In addition, the presence of the CP4 EPSPS protein was confirmed in the test grain and was absent in the control and reference control grains via ELISA.

Compositional analysis data on the grain was used to formulate diets for the rat feeding study. Formulated diets were then analyzed (Appendix 6) for the same compositional components evaluated in grain as well as for contaminants such as heavy metals, aflatoxins, chlorinated hydrocarbons and organophosphate pesticides. These analyses were conducted to ensure that formulated diets were suitable for evaluation in a rat feeding study and met the specifications for a PMI certified diet #5002.

Results of this study showed that the residues of pesticides were below the assay detection limit in the grain of the test, parent control and reference control lines with the following exception. Glyphosate residue in the test grain (0.09 ppm) was slightly above the analytical detection limit of 0.05 ppm. Parent and reference lines were not assayed for glyphosate.

Analysis of formulated diets showed their nutritional content was similar to standard diet and that the levels of heavy metals, aflatoxins, chlorinated hydrocarbons and organophosphates insecticides were below assay detection limits. Except for chlordane, formulated diets met the specifications established

by PMI for certification of diets for rodents. The limit of detection for chlordane at Covance was < 250 ppb which was higher than the maximum allowable concentration of 50 ppb for (PMI) certified diets. This was considered not to have influenced the study results. Molecular (PCR) analysis of diets confirmed the identity of the test diet (presence of the CP4 EPSPS gene) and identity of the parental control and reference control diets (absence of the CP4 EPSPS gene) (See Appendix 6, Exhibit 2).

Mortality

There were two mortalities during the study. One male from the high dose NK603 group was found dead on Day 82 of the study. This rat had no unusual clinical observations or gross pathology findings and had been gaining weight and eating similar to control animals. Microscopic examination of this animal revealed no unusual findings. A cause of death could not be assigned. One male rat from the Pioneer 3394 group (reference control) was sacrificed in extremis on Day 86. This animal had a swollen mouth and decreased food consumption shortly before being sacrificed. Gross examination revealed a fractured nose and abnormal discharge/encrustation of the eyes. These observations likely resulted from an injury or malocclusion. Both deaths were not considered related to exposure.

Clinical Observations

(Summary: Appendix 1, Table 15; Individual: Appendix 2, Table 1)

There were no observations of adverse clinical reactions during the study that were considered treatment related.

Body Weights

(Summary: Appendix 1, Table 1, Exhibits 1 and 2; Individual: Appendix 2, Table 2)

There were two occasions where a statistically significant difference in body weight occurred; during Weeks 4 and 7 the high level NK603 males weighed more

than the population of reference controls. However, high level NK603 males were not different from high level parental controls.

Body Weight Changes (by weeks)

(Summary: Appendix 1, Table 4; Individual: Appendix 2, Table 3)
There few statistically significant differences observed. Where there were differences, weight gain was generally higher in the test groups compared to the parental control groups. Differences in body weight changes were not considered biologically significant.

Males

Days 8-15. Body weight gain for the high dose test group was statistically significantly higher than the high dose parental group but was not different from the population of reference controls.

Weeks 3-4. Body weight gain for the high dose test group was statistically significantly higher than the high dose parental control group and the population of reference controls.

Weeks 7-8. Body weight gain for the high dose test group was statistically significantly lower than the population of reference controls. However, weight gain for this group during this period was similar to the parent high dose group and three of the reference control groups.

Weeks 11-12. Body weight gain for the high dose test group was statistically significantly lower than the population of reference control groups, but not different than the high dose parent group.

Weeks 13-14. Body weight gain for the high dose test group was statistically significantly higher than the population of reference control groups, but not

different than the high dose parent group.

Females

Weeks 3-4. Body weight gain for the high dose test group was statistically significantly higher than the high dose parental control group, but was not different from the population of reference control groups.

Weeks 7-8. Body weight gain for the high dose test group was statistically significantly higher than the population of reference control groups, but was not different from the high dose parental control group.

Weeks 8-9. Body weight gain for the high dose test group was statistically significantly higher than the high dose parental control group, but was not different from the population of reference control groups.

Weeks 9-10. Body weight gain for the low dose test group was statistically significantly lower than the low dose parental control group. However, this finding was not dose-related, as there was no statistically significant difference between the high dose test and parental control group.

Weeks 11-12. Body weight gain for the low dose test group was statistically significantly higher than the low dose parental control group. However, this finding was not dose-related, as there was no statistically significant difference between the high dose test and parental control group.

Cumulative Body Weight Gains

(Summary: Appendix 1, Table 3; Individual: Appendix 2, Table 4)

Males

Day 1 – Week 4 (Day 28). Body weight gain for the high dose test group was

statistically significantly higher than the population of reference control groups but was not different from the high dose parental control group. Thus, the difference was not considered biologically significant.

Females

There were no differences among the females during the duration of the study.

Food Consumption (g/day)

(Summary: Appendix 1, Table 2, Exhibits 3 and 4; Individual: Appendix 2, Table 5)

There were a few statistically significant differences observed. When there were differences, food consumption was generally higher (5-10%) in the test groups (NK603) compared to the parental control or reference control population:

Males

Dose Group	Day/Week	Parent	Reference Controls
High	Days 8-9	>	>
High	Days 10-11		>
High	Weeks 5, 6, 8, 11 -13		>
High	Weeks 11 - 12	>	

Females

Dose Group	Day/Week	Parent	Reference Controls
Low	Days 3-4	<	
High	Days 8-9, 10-15		>
High	Weeks 3, 4, 13		>

> greater than, < less than

Clinical Pathology

Note: For all clinical pathology summary tables, Sample 1 indicates the interim blood collection and Sample 2 indicates the terminal collection.

Hematology

(Summary: Appendix 1, Table 6; Individual: Appendix 2, Table 6)

For the majority of the hematology parameters measured, there were no statistically significant differences between the male and female low and high dose test and parental control groups or between male and female high dose test groups and the population of reference controls. The few statistically significant differences that were observed are summarized by sex as follows:

Males

(1) Hematocrit (terminal bleed). The value for the low dose test group was slightly, but statistically significantly higher than the corresponding low dose parental control group. However, this finding was not dose related as there was no statistically significant difference between the high dose test and parental control groups.

(2) Platelets (interim bleed). The value for the high dose test group was statistically significantly higher (12%) than the corresponding high dose parental control group. However, there was no statistically significant difference between the high dose test group and the population of reference controls. The platelet value for the high dose parental control group was lower than all other groups at the interim bleed which amplified the difference to significance. There were no differences in platelet counts at the terminal sacrifice. This statistical difference is considered to have no biological relevance.

(3) Percent neutrophils (terminal bleed). The value for the high dose test group was statistically significantly lower than the corresponding high dose parental control group. However, there was no statistically significant difference between the high dose test group and the population of reference controls. The percent

neutrophils for the high dose parental control group was the highest of all other groups at the terminal bleed which amplified the difference to statistical significance. Furthermore, absolute neutrophil count was not different from corresponding controls for this group at the terminal sacrifice. This statistical difference is not considered to be biologically relevant.

(4) Percent lymphocytes (terminal bleed). The value for the high dose test group was statistically significantly higher than the corresponding high dose parental control group. However, there was no statistically significant difference between the high dose test group and the population of reference controls. The percent lymphocytes for the high dose parental control group was the lowest of all other groups at the terminal bleed which amplified the difference to statistical significance. Furthermore, absolute lymphocyte count for the high dose group was not different from parent or reference controls at the terminal sacrifice. This statistical difference is not considered to be biologically relevant.

Females

(1) Mean corpuscular volume (interim and terminal bleeds). The value for the high dose test group was statistically significantly higher than the corresponding high dose parental control group and the population of reference controls. Since this parameter is a calculated value (hematocrit/RBC) this artifactual difference resulted from a slightly higher hematocrit and slightly lower RBC (both not statistically significant) for the high dose group at the interim and terminal sacrifices. No biological significance is attributed to this difference.

(2) Mean corpuscular hemoglobin (interim and terminal bleeds). Mean corpuscular hemoglobin for the high dose test group was statistically significantly higher at the interim (compared to parent high dose and reference controls) and at the terminal sacrifice (high dose parent only). Since this parameter is a calculated

value (hemoglobin concentration/RBC) an artifactual difference resulted from a slightly higher hemoglobin value and slightly lower RBC (both not statistically significant) for the high dose test group at the interim and terminal sacrifices. No biological significance is attributed to this difference.

(3) Mean corpuscular hemoglobin concentration (interim bleed). Mean corpuscular hemoglobin concentration for the low dose test group was significantly higher than the low dose parent control at the interim bleed. Since the low dose parental control was the lowest value of all the groups, the difference was amplified to statistical significance. Also, there was no difference at the high dose or at the terminal sacrifice for this parameter. This difference is considered to have no biological relevance.

(4) Platelet count (interim bleed). High dose test group platelet count was statistically lower than the reference control population. Since this difference did not occur when compared to the high dose parent control and was not apparent at the terminal sacrifice it is considered to have no biological relevance.

(5) Monocytes (terminal bleed). High dose test group monocyte count was slightly but statistically lower than the high dose parent control and the reference control population count. The value was, however, within the historical confidence interval for the testing laboratory (Appendix 10).

(6) Percent large unnucleated cell count (interim bleed). The count for the low dose test group was statistically higher than the low dose parent group. Since the high dose test group showed no difference from the parent group or the reference controls and there was no difference at the terminal sacrifice, the low dose difference is not considered to be biologically relevant.

Coagulation

(Summary: Appendix 1, Table 6; Individual: Appendix 2, Table 7)

There were no statistically significant differences observed between the low or high dose test and parental control groups or between the high dose test group and the population of reference controls.

Clinical Chemistry

(Summary: Appendix 1, Table 7; Table 9 contains the summary for direct bilirubin which was not statistically analyzed due to an insufficient number of samples; Individual: Appendix 2, Table 8)

There were no statistically significant differences between the male and female low and high dose test and parental control groups or between male and female high dose test groups and the population of reference controls for the majority of the clinical chemistry parameters measured. The few statistically significant differences that were observed are summarized by sex as follows:

Males

(1) Albumin (interim bleed). The value for the high dose test group was slightly, but statistically significantly lower than the high dose parental control group and the population of reference controls at the interim sacrifice. However, albumin for the high dose parent group was among the highest of the groups which amplified the difference to statistical significance. Furthermore, the high dose test group was very similar to two of the reference controls. This difference was not seen at the terminal bleed. The difference is not considered to be biologically relevant.

(2) Blood urea nitrogen (interim and terminal bleeds). At the interim sacrifice, the value for the low and high dose test groups were slightly but statistically significantly lower than the corresponding parental control groups. The high dose group was also statistically lower than the population of reference controls. At the terminal sacrifice, the high dose group was statistically lower than the high dose parent group, but not the reference control population. Since increased blood urea nitrogen can be a harbinger of renal toxicity (blood levels are used to assess renal function), a decrease in this parameter, in otherwise healthy animals, has no apparent biological relevance.

(3) Creatinine (interim bleed). At the interim sacrifice, the value for the low and high dose test groups were statistically significantly lower than the corresponding parental control groups. The high dose group was also statistically lower than the population of reference controls. At the terminal sacrifice there were no differences, implying that the difference was transient/sporadic. In otherwise healthy animals, no biological relevance is associated with decreased blood creatinine which when increased is usually considered a harbinger of renal toxicity.

(4) Phosphorus (interim bleed). The value for the high dose test group was statistically significantly lower than the corresponding high dose parental control group. However, it was not statistically significant different from the population of reference control groups (interim bleed). This difference was not seen at the terminal bleed and is considered transient. The difference appeared to be amplified to statistical significance by the high phosphorus level seen in the parent group. The value for the high dose test group is also similar to two of the reference control groups. The difference is not considered to be biologically meaningful .

(5) Sodium (interim bleed). Sodium level for the high dose test group was slightly, but statistically lower than the population of reference controls, but was not different from parent control, and was within the laboratory's historical confidence interval (Appendix 10). There was not a difference among the groups at the terminal sacrifice. The slightly reduced sodium (1% lower) is not considered biologically relevant.

(6) Chloride (interim and terminal bleed). The value for the high dose test group was slightly, but statistically lower than the population of reference controls at the interim and terminal sacrifice. However, at both intervals, there was not a difference with the parent control group. At both intervals, the difference from the reference controls was small (2%). This small change was not considered to be of toxicological significance.

Females

(1) Albumin (interim and terminal bleeds). The value for the low dose test group was slightly, but statistically significantly lower than the low dose parental control group at the interim (-5%) and terminal samplings (-8%). Since there were no differences for the high dose group, these findings were not dose-related, and no biological significance is assigned to the difference.

(2) Blood urea nitrogen (interim bleed). At the interim sacrifice, the value for the high dose test group was statistically significantly lower than the corresponding parental control group. The high dose test group was not different from the population of reference controls. This difference was not considered to be biologically meaningful.

(3) Alkaline phosphatase (terminal bleed). The value for the low dose test group was statistically significantly higher than the low dose parental control group at

the terminal sampling. Since there were no differences for the high dose group, the effect was not dose-related.

(4) Calcium (interim bleed). The value for the high dose test group was slightly (-3%), but statistically significantly lower than the reference control group at the interim sampling, but was not different from the parental group and was within the laboratory's historical confidence interval (Appendix 10). There was no difference at the terminal sampling interval. This small, transient decrease is not considered to be biologically meaningful.

(5) Phosphorus (interim bleed). The value for the high dose test group was slightly, but statistically significantly lower than the corresponding high dose parental control (-8%) group and the population of reference controls (-8%) at the interim sampling. This difference was not seen at the terminal bleed and is considered transient/sporadic. The small, transient, decrease in serum phosphorus in otherwise healthy animals is not considered to be biologically meaningful.

(6) Sodium (interim and terminal bleeds). Sodium level for the high dose test group was slightly, but statistically lower than the population of reference controls at the interim (-1%) and terminal samplings (-2%). There were no differences between these groups and their corresponding parental controls and the values were within the laboratory's historical confidence interval (Appendix 10). This finding was not considered to be biologically meaningful.

(7) Potassium (terminal bleed). The value for the high dose test group was statistically higher (+13%) than the parent high dose group but was not different from the population of reference controls at the terminal sampling. Therefore, this difference is not considered biologically relevant.

(8) Chloride (interim and terminal bleed). The value for the high dose test group was slightly, but statistically lower (-1%) than the population of reference controls (but not different from the parent control) at the interim sacrifice. At the terminal sacrifice the low dose group was slightly, but statistically higher (+2%) than the low dose parent control group; but no differences were apparent at the high dose. Since the changes were either not dose-related or not consistently observed at both sampling intervals and were very small, they are not considered to be biologically relevant. Both values were within the laboratory's historical confidence interval (Appendix 10).

Urine Chemistry

(Summary: Appendix 1, Table 8; Individual: Appendix 2, Table 9)

Males

(1) Creatinine (interim collection). The value for the low dose test group was statistically significantly lower than the corresponding low dose parental control group. However, creatinine was not statistically significantly different for the high dose group and there was no difference for any group at the terminal collection. The difference in urine creatinine level is not considered to be biologically relevant.

(2) Phosphorus (interim and terminal collections). The value for the high dose test group was statistically significantly higher than the corresponding high dose parental control group. However, phosphorus was not different compared to the population of reference controls and indeed was less than a majority of reference controls at both collections. Also, the parent control high dose group had an unusually low value for this parameter at both collections that amplified the difference to statistical significance. Therefore, the difference is not considered to be biologically relevant.

(3) Potassium (interim and terminal collections). At the interim collection, the value for the low dose test group was statistically significantly lower than the corresponding low dose parental control group while at the terminal collection the high dose group was higher than the high dose parent group. There were no differences from the reference control population at either collection. Inconsistencies in the response and lack of a dose-response indicate that the differences are not biologically relevant.

(4) Creatinine clearance (interim collection). At the interim collection, the value for the high dose test group was statistically significantly higher than the corresponding high dose parental control group and the population of reference controls. However, the value was within the laboratory's historical confidence interval for this parameter (Appendix 10). Furthermore, there was no difference at the terminal sacrifice indicating that at interim the difference was a transient/sporadic change; it is not considered biologically significant.

(5) pH (interim collection). At the interim collection, the value for the high dose test group was statistically significantly lower than the corresponding high dose parental control group but was not different from the population of reference controls. This difference did not exist at the terminal sacrifice indicating it was a transient/sporadic change. The difference was a result of the high pH value for the parent control (highest of any group) that amplified the difference to statistical significance. Furthermore, the value of the high dose test group pH was similar to 4/6 of the reference control groups. The difference is not considered to be biologically significant.

Females

(1) Calcium (interim and terminal collections). The value for the high dose test group was statistically significantly lower than the corresponding high dose

parental control group. However, calcium was not statistically significantly different when compared to the population of reference controls at either collection. The difference is attributed to the unusually high value for the parent group at both sampling intervals, which amplified the difference to statistical significance. The values for high dose test group urine calcium was similar to the reference controls at interim and terminal collection. Urine calcium was noted to be highly variable and the differences are not considered to be biologically relevant.

Urine Microscopic Analysis

(Summary: Appendix 1, Tables 13 and 14; Individual: Appendix 2, Table 10)

There were only a limited number of microscopic findings. These were randomly distributed among all groups without any relationship to treatment. Thus, there were no microscopic urine findings in the test groups that were considered treatment related.

Necropsy

Organ Weights

(Summary: Appendix 1, Table 5; Individual: Appendix 3)

With the following exceptions, there were no statistically significant differences in organ weights, or organ weights as a percentage of brain or body weights between groups for male and females.

(1) Brain weight was statistically significantly increased slightly (3%) for females in the low dose test group when compared to low dose parental control. However, this finding was not dose related as there were no corresponding differences at the high dose test group compared to parent control group and the value was similar to the reference control values. No differences were noted in brain weights relative to body weight. The brain weight difference is not considered biologically relevant.

(2) Heart weight was increased slightly, but statistically significant, for males in the high dose test group when compared to parental control males and the population of reference controls. Heart weight relative to body weight and brain weight, was also increased over high dose parent group but was not different from reference controls. Since mean heart weight for the high level test group was similar to 2 of 6 reference control mean weights the difference is not considered biologically relevant. There was no difference in the microscopic appearance of hearts from high dose test group animals when compared to the parental controls.

(3) Liver weight was increased slightly (9%) but statistically significantly for males in the high dose test group when compared to high dose parental control males. It was not different from the population of reference controls. Liver weights relative to body weight were statistically higher for the high dose test group when compared to the corresponding parental control and population of reference controls. However, the relative liver /body weight of the high dose test group was similar to two of the reference controls indicating that the relative liver/body weight value was within the range of reference control values. Furthermore, there were no differences when liver/brain weight weight was compared between the test and parental and reference control groups. Slight increases in absolute, or relative to body, liver weight are probably related to slightly increased body weight. Both the high dose test group and one of the reference controls (Croplan) had the highest body weight and also the highest absolute and relative/body liver weights. Since there was no evidence of treatment related clinical pathology, gross pathological or microscopic pathology changes in the high dose male test group, the small weight differences were not considered to be biologically relevant.

Gross Pathology

(Summary: Appendix 1, Table 16; Individual: Appendix 3)

There were only a few gross pathology findings. These are commonly observed in rats and were randomly distributed among all groups without any relationship to treatment. Thus, there were no gross pathology findings in test groups that were considered treatment related.

Microscopic Pathology

(Summary: Appendix 1, Table 10; Individual: Appendix 4)

There was no evidence of treatment-related histologic changes in the tissues of high dose test group male and female animals when compared to high dose male and female parental control animals.

DISCUSSION

The substantial equivalence of Roundup Ready corn line (NK603) to its parental control line and other nontransgenic commercial corn hybrids was previously established by detailed compositional analyses of the grain. This study was designed to provide additional confirmatory evidence of the substantial equivalence of event NK603 corn grain to that of the parent and reference control varieties. It also confirms the absence of unintended deleterious changes based on the evaluation of numerous clinical and pathology parameters in this subchronic rat feeding study.

Rats were exposed to two different levels of test and parental control grain in this study to determine the dose relationship of any changes observed. The high dose test and parental control group had grain added to diets at approximately 33% wt/wt which is the incorporation rate normally used in the production of PMI certified diets. The low dose diets incorporated test or parental control grain at 11% wt/wt; grain from a commercial source was added at 22% wt/wt to bring the grain addition level up to approximately 33% consistent with other test and control diets.

Given the number of parameters which were measured in this study, some statistical differences between the test and parental control would be anticipated to occur just by chance. Therefore, reference controls were added composed of six groups of rats, each fed grain from six different commercial nontransgenic corn hybrids. These hybrids were selected to represent a range of growing environments and a diversity of germplasm. The data from the population of commercial hybrids (reference controls) were used to generate a mean for each parameter compared. This provided the opportunity to determine a "p" value for each comparison. Thus, the results of the high dose test group were compared to both the high dose parental controls and the population of reference control hybrids. Given the large number of comparisons that were made, some statistical differences would be expected by chance alone at the 5% significance level.

There were two mortalities during the study; one high dose test male was found dead and 1 reference control male was sacrificed due to an injury. These were isolated occurrences. The death of the high dose test male was not considered to be test article related as no other signs of toxicity were seen and a cause of death could not be assigned. Otherwise there were no abnormal clinical observations in test animals related to exposure.

Body weights and weight gains were comparable for the test and parental control and the population of reference control group. There were only two occasions when statistically significant differences were noted for absolute body weights. Absolute body weight was higher for the 33% test group compared to the reference control population at Weeks 4 and 7. A few differences in weight gains (by week) or cumulative weight gain were observed, particularly in males, but these differences (mostly increases) appeared to occur randomly among the groups and were not always dose related and were not consistently observed from week to week. The growth of male and female rats fed NK603 corn grain was comparable to that of rats fed grain from the parental control and reference control groups.

There were a few statistically significant differences observed for food consumption. When there were differences, food consumption was generally higher (5-10%) in the test groups (NK603) compared to the parental control or reference control population. These differences are not considered biologically significant.

Hematology parameters were generally comparable between the test groups and parental control groups and the population of reference control groups. The few differences that were observed were generally of small magnitude and either were not dose related (observed in the low dose but not the high dose), or were not consistently observed when compared to both control groups, e.g. different from the parental control group but not the population of reference controls.

Clinical chemistry parameters were generally comparable between the test groups and parental control groups and the population of reference control groups. The few differences that were observed were either not dose related (observed in the low dose but not the high dose), or were not consistently observed when compared to both control groups, (e.g., different from the parental control group but not the population of reference controls). A few differences that were observed at the interim bleed were not apparent at the terminal bleed or the differences were in the opposite direction between the interim and terminal bleed. The few instances where there were differences from both the parental and reference controls, the differences were of small magnitude and within historical limits for the testing laboratory. None of the differences was attributed to treatment for the reasons discussed above.

Urinalysis and urine chemistry parameters were generally comparable between the test groups and parental control groups and the population of reference control groups. The few differences that were observed in urine chemistry were either not

consistently observed at both the interim and terminal collections, or when present in the test groups, were not different from the population of reference controls. None of the differences were attributed to treatment for the reasons discussed above.

Mean absolute organ weights and organ weights relative to body and brain weights were generally comparable between the test groups and parental control groups and the population of reference control groups. The few differences that were observed were either not dose-related or were not consistently observed between parental and reference controls or between relative organ weights. These differences were not considered treatment related.

Gross pathology changes were randomly distributed among all groups, were low in incidence and are commonly observed in control animals at the testing laboratory. None were considered related to treatment. Microscopic evaluation of tissues showed no differences between rats fed diets containing NK603 grain at 33% (wt./wt.) and rats fed diets containing 33% (wt./wt.) parent grain.

CONCLUSIONS

Rats fed corn grain from Roundup Ready line NK603 had comparable food consumption and growth to rats in the parental control and the reference control groups. Moreover, clinical parameters (hematology, clinical chemistry, urinalysis), gross and microscopic pathology results for animals in the NK603 groups were generally comparable to rats in the parental controls and the reference control groups. In combination with the established safety of the inserted CP4 EPSPS protein, the agronomic plant equivalence, the compositional equivalence and equivalence as confirmed in feeding studies with broilers, this study confirmed the equivalence of Roundup Ready NK603 corn to its parental control line and nontransgenic commercial corn varieties.

SUPPLEMENTARY STUDY INFORMATION

Archives

Original Study Protocol, Deviations and Amendments, Original Data, Residual Wet Tissue, Blocks, Slides, Statistical Original Data and Sub-Report, Original Final Study Report and Facility Records are located at Metabolism and Safety Evaluation - Newstead Archives. Original clinical pathology records and raw data generated at MSE-Parkway (other than supporting facility records) will be returned to MSE-Newstead for archival. Histopathology records generated at Experimental Pathology Laboratories (other than supporting facility records) will be returned to MSE-Newstead for archival. Data associated with the characterization of the test material/formulations will be retained with the Sponsor. Raw data associated with the diet formulations were maintained at Purina TestDiets in Richmond, Indiana.

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Deviations from Protocol

The following minor deviations from protocol occurred during the study and did not affect the interpretation of the study:

Protocol Section 2.4.6, Environmental Conditions: The protocol provides ranges for humidity of the animal room. During the dates listed, the Trace Unit wheel contains an area of incomplete data where humidity was not monitored. This was the result of a pen malfunction. 7/4/00-7/5/00, 7/8/00, 8/4/00-8/5/00.

Protocol Sections 3.1, 3.11 and 3.12: Clinical observations, body weights and food consumption were to be determined every 7 ± 2 days (except for food consumption during weeks 1 and 2). From Study Days 99-114 (9/13/00-9/29/00), these weekly parameters were not taken. This was intentionally done during this period in which the animals were fasted for clinical pathology determinations and terminal necropsies were performed. Terminal body weights were collected.

Protocol Section 3.1, Inlife: Cageside observations were to be conducted daily. On 6/8/00, cageside observations were missed for animals M1 011 and F7 003.

Protocol Section 2.2.7, Storage Conditions: A 10 gram sample of each diet was to be reserved and frozen until completion of the study. Instead a 5 gram sample was taken.

Protocol Section 1.9, Waste Disposal: Protocol states that written procedures for disposal of all animal waste products, bedding, uneaten food and carcasses would be documented by SOP or written study specific procedure. Applicable SOP's were not available and a study specific procedure was not written. All waste material was properly disposed although written procedures were not in place.

Protocol Section 2.42, Housing: Per the protocol, cage racks were to be rotated every 7 ± 2 days. Racks were rotated every 14 ± 2 days.

Protocol Section 3.5.2, Scheduled Sacrifices: Per the protocol, terminal body weights were to be recorded. Body weights were inadvertently not recorded for the following animals; M4 018, M5 018, M6 018 and M9 012.

Protocol Section 3.3-3.4, Blood Chemistry and Urinalysis: Per the protocol, blood and urine were to be obtained during Week 5 of the study. Actual collections were during Weeks 6-7 (study Days 41-51).

Protocol Section 3.3-3.4, Blood Chemistry and Urinalysis: Per the protocol, blood and urine were to be obtained after a 16-18 hour fast. At the terminal collection, a few animals were fasted for a period exceeding 18 hours but less than 24 hours.

Protocol Section 3.5.2, Scheduled Sacrifices: Per the protocol, one bone marrow slide will be fixed with absolute ethanol and left unstained. A second slide will be stained with Wright's stain. Both slides were stained with Wright's stain.

APPENDICES

Appendix 1. Summary Data

Table 1. Body Weight - Males

Period	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Comm.
PreTest					1.000	0.950	0.980	0.985
	NK603_11	20	183.93	11.231				
	NK603_33	20	183.92	11.680				
	Par_11	20	183.70	11.613				
	Par_33	20	184.01	10.978				
	Crows	20	184.02	11.675				
	Pioneer	20	183.81	11.611				
	Cropland	20	183.77	11.494				
	Campbell	20	183.99	11.023				
	DK 539	20	183.90	11.676				
	DK 537	20	183.70	11.340				
Day 1					0.915	0.729	0.721	0.279
	NK603_11	20	235.77	14.177				
	NK603_33	20	234.67	13.359				
	Par_11	20	234.38	12.669				
	Par_33	20	233.24	12.108				
	Crows	20	231.97	13.424				
	Pioneer	20	230.36	12.277				
	Cropland	20	231.45	13.350				
	Campbell	20	230.12	12.586				
	DK 539	20	232.26	10.825				
	DK 537	20	231.92	11.382				
Day 8					0.889	0.706	0.841	0.225
	NK603_11	20	291.16	17.662				
	NK603_33	20	291.02	17.362				
	Par_11	20	289.18	16.997				
	Par_33	20	289.97	15.627				
	Crows	20	286.50	17.835				
	Pioneer	20	284.17	16.503				
	Cropland	20	286.43	20.585				
	Campbell	20	284.22	16.456				
	DK 539	20	288.60	11.336				
	DK 537	20	286.89	14.458				
Day 15					0.769	0.528	0.399	0.129
	NK603_11	20	338.87	21.973				
	NK603_33	20	338.48	21.409				
	Par_11	20	334.89	19.088				
	Par_33	20	333.16	17.211				
	Crows	20	331.17	19.913				
	Pioneer	20	327.11	19.156				
	Cropland	20	333.38	26.415				
	Campbell	20	330.86	20.402				
	DK 539	20	332.93	12.297				
	DK 537	20	331.47	18.096				

Table 1. Body Weight - Males

Period	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Comm.
Week 3					0.686	0.801	0.415	0.086
	NK603_11	20	377.70	26.530				
	NK603_33	20	379.86	26.705				
	Par_11	20	375.79	25.548				
	Par_33	20	373.68	20.004				
	Crows	20	370.14	23.671				
	Pioneer	20	363.92	21.202				
	Cropland	20	373.40	31.342				
	Campbell	20	370.37	23.788				
	DK 539	20	371.79	15.675				
	DK 537	20	369.63	21.208				
Week 4					0.454	0.637	0.212	0.037
	NK603_11	20	412.99	32.879				
	NK603_33	20	415.83	35.370				
	Par_11	20	408.82	31.788				
	Par_33	20	404.78	22.905				
	Crows	20	401.50	26.048				
	Pioneer	20	394.11	20.638				
	Cropland	20	406.09	32.745				
	Campbell	20	404.05	28.609				
	DK 539	20	401.61	17.423				
	DK 537	20	402.69	24.980				
Week 5					0.554	0.810	0.169	0.065
	NK603_11	20	438.19	33.711				
	NK603_33	20	442.52	37.507				
	Par_11	20	435.83	38.696				
	Par_33	20	429.01	24.234				
	Crows	20	428.09	28.636				
	Pioneer	20	419.71	26.620				
	Cropland	20	435.64	36.906				
	Campbell	20	428.34	28.878				
	DK 539	20	430.89	18.446				
	DK 537	20	429.24	29.447				
Week 6					0.674	0.774	0.546	0.169
	NK603_11	12	466.20	45.764				
	NK603_33	12	469.53	26.356				
	Par_11	12	462.26	46.304				
	Par_33	12	461.23	25.414				
	Crows	12	447.53	28.348				
	Pioneer	14	451.68	27.631				
	Cropland	14	468.96	41.455				
	Campbell	14	448.87	36.449				
	DK 539	14	455.36	21.734				
	DK 537	14	458.67	26.842				

Table 1. Body Weight - Males

Period	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Comm.
Week 7					0.611	0.433	0.157	0.046
	NK603_11	18	484.78	46.816				
	NK603_33	18	488.71	46.942				
	Par_11	18	474.53	47.194				
	Par_33	18	470.18	34.547				
	Crows	18	473.13	34.302				
	Pioneer	16	462.42	38.246				
	Cropland	16	467.08	34.552				
	Campbell	16	463.19	35.678				
	DK 539	16	471.06	25.652				
	DK 537	16	474.11	39.079				
Week 8					0.703	0.460	0.209	0.165
	NK603_11	20	504.84	47.303				
	NK603_33	20	507.02	52.120				
	Par_11	20	494.92	49.658				
	Par_33	20	490.15	36.337				
	Crows	20	487.72	39.637				
	Pioneer	20	483.01	37.863				
	Cropland	20	504.02	49.030				
	Campbell	20	492.62	38.953				
	DK 539	20	491.29	26.538				
	DK 537	20	497.95	39.719				
Week 9					0.777	0.449	0.314	0.212
	NK603_11	20	524.08	48.924				
	NK603_33	20	523.28	48.018				
	Par_11	20	513.60	53.639				
	Par_33	20	509.34	38.247				
	Crows	20	507.19	42.276				
	Pioneer	20	501.80	40.360				
	Cropland	20	522.32	50.775				
	Campbell	20	509.34	42.169				
	DK 539	20	507.32	25.596				
	DK 537	20	512.43	40.182				
Week 10					0.733	0.375	0.289	0.215
	NK603_11	20	538.24	53.537				
	NK603_33	20	537.24	57.598				
	Par_11	20	525.11	57.333				
	Par_33	20	521.54	39.268				
	Crows	20	517.49	42.593				
	Pioneer	20	514.03	41.545				
	Cropland	20	536.79	55.108				
	Campbell	20	523.23	44.182				
	DK 539	20	521.08	26.009				
	DK 537	20	526.54	40.171				

Table 1. Body Weight - Males

Period	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Comm.
Week 11					0.766	0.486	0.273	0.224
	NK603_11	20	549.29	54.887				
	NK603_33	20	549.55	57.790				
	Par_11	20	538.59	60.617				
	Par_33	20	532.67	41.118				
	Crows	20	528.64	44.567				
	Pioneer	20	526.93	43.526				
	Cropland	20	549.77	56.778				
	Campbell	20	536.87	45.474				
	DK 539	20	532.13	26.509				
	DK 537	20	537.10	44.716				
Week 12					0.757	0.568	0.283	0.344
	NK603_11	20	557.71	51.317				
	NK603_33	19	558.83	61.330				
	Par_11	20	548.65	64.643				
	Par_33	20	541.58	41.261				
	Crows	20	541.10	45.888				
	Pioneer	20	534.60	43.001				
	Cropland	20	562.61	60.214				
	Campbell	20	546.76	50.382				
	DK 539	20	544.11	27.369				
	DK 537	20	553.47	44.051				
Week 13					0.671	0.633	0.252	0.349
	NK603_11	20	566.07	50.342				
	NK603_33	19	570.66	64.946				
	Par_11	20	558.12	67.349				
	Par_33	20	551.35	42.279				
	Crows	20	548.14	48.297				
	Pioneer	19	546.75	48.282				
	Cropland	20	577.48	62.417				
	Campbell	20	558.45	53.299				
	DK 539	20	553.61	28.582				
	DK 537	20	566.40	48.197				
Week 14					0.617	0.735	0.222	0.245
	NK603_11	20	580.37	52.504				
	NK603_33	19	587.71	69.510				
	Par_11	20	574.47	71.086				
	Par_33	20	566.07	44.650				
	Crows	20	561.55	49.254				
	Pioneer	19	558.84	47.028				
	Cropland	20	593.94	65.716				
	Campbell	20	574.37	56.381				
	DK 539	20	567.83	27.620				
	DK 537	20	574.46	53.357				

Table 1. Body Weight - Females

Period	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Comm.
PreTest					1.000	0.959	0.964	0.936
	NK603_11	20	137.51	11.943				
	NK603_33	20	137.47	12.259				
	Par_11	20	137.71	12.391				
	Par_33	20	137.64	12.351				
	Crows	20	137.72	12.454				
	Pioneer	20	137.52	12.140				
	Cropland	20	137.78	12.444				
	Campbell	20	137.90	12.138				
	DK 539	20	137.76	12.314				
	DK 537	20	137.55	12.116				
Day 1					0.970	0.822	0.822	0.538
	NK603_11	20	162.11	11.771				
	NK603_33	20	165.43	10.069				
	Par_11	20	162.87	11.539				
	Par_33	20	164.67	9.690				
	Crows	20	162.05	11.449				
	Pioneer	20	165.03	8.149				
	Cropland	20	163.87	13.223				
	Campbell	20	162.34	10.672				
	DK 539	20	165.10	10.366				
	DK 537	20	164.60	9.155				
Day 8					0.545	0.591	0.455	0.301
	NK603_11	20	187.55	15.059				
	NK603_33	20	193.10	9.267				
	Par_11	20	189.62	12.871				
	Par_33	20	190.21	11.691				
	Crows	20	187.47	13.003				
	Pioneer	20	190.58	9.040				
	Cropland	20	188.15	14.376				
	Campbell	20	187.47	12.206				
	DK 539	20	191.79	11.990				
	DK 537	20	194.82	10.829				
Day 15					0.135	0.456	0.419	0.618
	NK603_11	20	207.01	17.479				
	NK603_33	20	215.15	13.902				
	Par_11	20	210.42	13.171				
	Par_33	20	211.45	12.795				
	Crows	20	207.35	15.942				
	Pioneer	20	213.01	10.025				
	Cropland	20	211.46	16.259				
	Campbell	20	211.76	14.889				
	DK 539	20	217.07	14.981				
	DK 537	20	219.78	13.485				

Table 1. Body Weight - Females

Period	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Comm.
Week 3					0.022	0.646	0.743	0.494
	NK603_11	20	223.53	16.594				
	NK603_33	20	233.79	15.589				
	Par_11	20	225.78	14.196				
	Par_33	20	232.19	14.020				
	Crows	20	226.89	17.449				
	Pioneer	20	230.72	12.000				
	Cropland	20	229.31	17.034				
	Campbell	20	225.19	15.562				
	DK 539	20	235.28	16.252				
	DK 537	20	240.02	15.143				
Week 4					0.004	0.694	0.237	0.676
	NK603_11	20	237.62	16.964				
	NK603_33	20	249.78	15.661				
	Par_11	20	239.66	15.464				
	Par_33	20	243.65	14.844				
	Crows	20	244.56	20.156				
	Pioneer	20	250.80	13.740				
	Cropland	20	245.00	13.957				
	Campbell	20	241.11	19.226				
	DK 539	20	249.19	15.287				
	DK 537	20	258.12	16.831				
Week 5					0.017	0.408	0.238	0.572
	NK603_11	20	249.19	18.563				
	NK603_33	20	262.00	18.076				
	Par_11	20	253.93	15.948				
	Par_33	20	255.23	15.552				
	Crows	20	256.34	20.664				
	Pioneer	20	262.67	15.993				
	Cropland	20	256.12	16.168				
	Campbell	20	251.78	22.515				
	DK 539	20	259.88	17.393				
	DK 537	20	270.39	18.586				
Week 6					0.008	0.741	0.555	0.486
	NK603_11	20	254.98	17.805				
	NK603_33	20	269.46	19.701				
	Par_11	20	256.92	15.480				
	Par_33	20	266.00	17.897				
	Crows	20	261.82	20.201				
	Pioneer	20	268.31	13.026				
	Cropland	20	263.62	16.352				
	Campbell	20	258.67	26.668				
	DK 539	20	268.75	16.961				
	DK 537	20	276.85	18.224				

Table 1. Body Weight - Females

Period	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Comm.
Week 7					0.027	0.813	0.922	0.861
	NK603_11	12	262.46	16.725				
	NK603_33	12	274.43	20.362				
	Par_11	12	260.72	12.217				
	Par_33	12	273.72	18.379				
	Crows	12	276.28	19.065				
	Pioneer	12	272.60	19.096				
	Cropland	12	272.00	19.474				
	Campbell	12	269.70	17.983				
	DK 539	12	273.06	18.280				
	DK 537	12	288.87	16.999				
Week 8					0.033	0.473	0.469	0.156
	NK603_11	18	271.56	16.044				
	NK603_33	18	289.11	20.909				
	Par_11	18	276.37	18.285				
	Par_33	18	284.25	21.038				
	Crows	18	279.81	24.141				
	Pioneer	18	285.93	13.706				
	Cropland	18	279.24	17.875				
	Campbell	18	272.31	26.489				
	DK 539	18	281.31	19.826				
	DK 537	18	292.39	19.225				
Week 9					0.011	0.256	0.105	0.070
	NK603_11	20	275.50	21.048				
	NK603_33	20	298.44	23.075				
	Par_11	20	283.01	17.968				
	Par_33	20	287.70	19.835				
	Crows	20	286.76	25.412				
	Pioneer	20	289.59	16.298				
	Cropland	20	290.39	19.973				
	Campbell	20	279.41	23.474				
	DK 539	20	291.83	20.320				
	DK 537	20	297.66	19.526				
Week 10					0.020	0.078	0.244	0.193
	NK603_11	20	278.30	20.681				
	NK603_33	20	300.33	24.070				
	Par_11	20	290.19	19.135				
	Par_33	20	292.49	20.862				
	Crows	20	291.28	24.018				
	Pioneer	20	297.07	14.805				
	Cropland	20	293.67	19.655				
	Campbell	20	283.29	23.085				
	DK 539	20	295.55	23.144				
	DK 537	20	301.03	21.045				

Table 1. Body Weight - Females

Period	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Comm.
Week 11					0.017	0.200	0.301	0.202
	NK603_11	20	284.50	21.076				
	NK603_33	20	306.41	23.639				
	Par_11	20	293.66	20.751				
	Par_33	20	299.02	21.081				
	Crows	20	297.07	27.981				
	Pioneer	20	301.08	18.534				
	Cropland	20	300.46	21.403				
	Campbell	20	287.77	23.691				
	DK 539	20	300.98	23.212				
	DK 537	20	309.31	22.634				
Week 12					0.036	0.678	0.212	0.134
	NK603_11	20	293.02	22.275				
	NK603_33	20	309.25	24.824				
	Par_11	20	296.04	22.602				
	Par_33	20	300.16	20.000				
	Crows	20	297.74	28.240				
	Pioneer	20	303.39	17.871				
	Cropland	20	300.13	21.313				
	Campbell	20	288.61	23.013				
	DK 539	20	301.69	25.240				
	DK 537	20	313.81	22.886				
Week 13					0.021	0.613	0.167	0.055
	NK603_11	20	295.50	23.025				
	NK603_33	20	316.01	23.983				
	Par_11	20	299.18	19.848				
	Par_33	20	305.96	21.542				
	Crows	20	305.66	27.064				
	Pioneer	20	307.05	20.244				
	Cropland	20	304.82	21.955				
	Campbell	20	292.45	22.891				
	DK 539	20	305.83	24.666				
	DK 537	20	316.03	23.217				
Week 14					0.038	0.703	0.130	0.108
	NK603_11	20	297.43	22.274				
	NK603_33	20	318.65	27.214				
	Par_11	20	300.34	20.214				
	Par_33	20	307.10	22.293				
	Crows	20	308.93	28.643				
	Pioneer	20	311.41	21.147				
	Cropland	20	309.24	22.776				
	Campbell	20	297.23	25.468				
	DK 539	20	310.36	25.307				
	DK 537	20	318.45	23.747				

Table 2. Food Consumption - Males

Period	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Comm.
Days 1 - 2					0.944	0.485	0.456	0.192
	NK603_11	20	24.85	1.824				
	NK603_33	20	24.99	2.484				
	Par_11	20	24.42	1.600				
	Par_33	20	24.53	1.831				
	Crows	20	24.11	1.790				
	Pioneer	20	24.26	1.790				
	Cropland	20	24.69	2.547				
	Campbell	20	24.40	1.717				
	DK 539	20	24.42	2.037				
	DK 537	20	24.37	1.564				
Days 2 - 3					0.207	0.601	0.124	0.250
	NK603_11	20	25.44	1.781				
	NK603_33	20	26.47	1.963				
	Par_11	20	25.75	1.983				
	Par_33	20	25.54	1.641				
	Crows	20	26.01	1.954				
	Pioneer	20	25.01	2.090				
	Cropland	20	25.72	2.244				
	Campbell	20	26.00	1.799				
	DK 539	20	26.25	2.026				
	DK 537	20	26.65	1.419				
Days 3 - 4					0.949	0.665	0.597	0.209
	NK603_11	20	25.78	1.973				
	NK603_33	20	26.57	2.486				
	Par_11	20	25.44	2.193				
	Par_33	20	26.15	2.232				
	Crows	20	25.65	2.354				
	Pioneer	20	25.74	2.258				
	Cropland	20	26.12	2.648				
	Campbell	20	25.64	2.032				
	DK 539	20	25.66	3.992				
	DK 537	20	26.06	1.945				
Days 4 - 8					0.662	0.713	0.233	0.328
	NK603_11	20	26.70	1.746				
	NK603_33	20	27.33	2.908				
	Par_11	20	26.44	2.188				
	Par_33	20	26.50	1.923				
	Crows	20	26.54	2.191				
	Pioneer	20	26.17	1.988				
	Cropland	20	26.88	2.713				
	Campbell	20	26.57	1.573				
	DK 539	20	27.42	2.595				
	DK 537	20	27.27	1.778				

Table 2. Food Consumption - Males

Period	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Comm.
Days 8 - 9					0.089	0.224	0.028	0.004
	NK603_11	20	28.12	2.684				
	NK603_33	20	28.39	3.618				
	Par_11	20	27.04	2.904				
	Par_33	20	26.42	2.218				
	Crows	20	26.89	2.492				
	Pioneer	20	26.60	3.146				
	Cropland	20	26.61	3.918				
	Campbell	20	25.95	2.435				
	DK 539	20	26.25	2.076				
	DK 537	20	26.10	1.911				
Days 9 - 10					0.742	0.247	0.521	0.476
	NK603_11	20	28.16	1.946				
	NK603_33	20	28.02	2.608				
	Par_11	20	27.22	2.026				
	Par_33	20	27.50	1.957				
	Crows	20	27.70	3.094				
	Pioneer	20	26.71	3.040				
	Cropland	20	27.69	3.469				
	Campbell	20	27.26	2.456				
	DK 539	20	28.03	2.421				
	DK 537	20	28.07	2.069				
Days 10 - 11					0.006	0.341	0.115	0.000
	NK603_11	20	28.73	2.768				
	NK603_33	20	29.87	4.802				
	Par_11	20	27.86	2.472				
	Par_33	20	28.43	2.311				
	Crows	20	28.00	3.016				
	Pioneer	20	27.29	2.568				
	Cropland	20	27.72	3.482				
	Campbell	20	26.24	1.975				
	DK 539	20	26.65	2.263				
	DK 537	20	27.07	2.226				
Days 11 - 15					0.755	0.336	0.353	0.176
	NK603_11	16	29.18	2.082				
	NK603_33	20	29.38	2.833				
	Par_11	18	28.32	1.596				
	Par_33	20	28.61	2.056				
	Crows	20	28.41	2.349				
	Pioneer	20	28.37	1.913				
	Cropland	20	28.69	2.987				
	Campbell	20	27.91	1.771				
	DK 539	20	28.47	2.375				
	DK 537	20	29.28	4.613				

Table 2. Food Consumption - Males

Period	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Comm.
Week 2					0.555	0.499	0.636	0.108
	NK603_11	19	29.30	1.787				
	NK603_33	17	29.70	1.956				
	Par_11	19	29.79	3.712				
	Par_33	19	29.35	1.688				
	Crows	19	28.71	2.118				
	Pioneer	18	29.01	1.631				
	Cropland	18	28.44	2.375				
	Campbell	20	28.50	1.962				
	DK 539	19	28.73	2.121				
	DK 537	20	29.25	2.040				
Week 3					0.539	0.427	0.879	0.219
	NK603_11	17	30.04	1.626				
	NK603_33	14	29.71	1.996				
	Par_11	15	29.52	1.530				
	Par_33	15	29.61	1.816				
	Crows	15	28.67	2.030				
	Pioneer	14	29.14	1.459				
	Cropland	17	29.02	2.124				
	Campbell	19	28.95	1.932				
	DK 539	19	28.95	2.125				
	DK 537	16	29.61	1.766				
Week 4					0.252	0.697	0.720	0.296
	NK603_11	14	29.51	1.398				
	NK603_33	14	29.30	1.778				
	Par_11	16	29.25	1.940				
	Par_33	14	29.55	1.832				
	Crows	15	28.02	2.167				
	Pioneer	14	29.42	1.966				
	Cropland	14	28.38	1.448				
	Campbell	14	28.36	1.707				
	DK 539	16	29.17	1.953				
	DK 537	15	29.14	1.952				
Week 5					0.034	0.827	0.474	0.007
	NK603_11	11	30.31	2.517				
	NK603_33	11	32.18	2.682				
	Par_11	11	30.09	2.410				
	Par_33	12	31.44	1.912				
	Crows	12	29.17	2.862				
	Pioneer	14	31.39	2.323				
	Cropland	13	29.94	2.302				
	Campbell	14	28.95	2.639				
	DK 539	14	30.51	2.505				
	DK 537	14	30.17	2.267				

Table 2. Food Consumption - Males

Period	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Comm.
Week 6					0.082	0.556	0.103	0.026
	NK603_11	10	31.14	3.723				
	NK603_33	10	32.21	3.689				
	Par_11	10	30.34	4.211				
	Par_33	8	29.86	2.770				
	Crows	10	29.41	2.937				
	Pioneer	9	31.40	2.267				
	Cropland	10	29.18	1.530				
	Campbell	10	27.96	2.059				
	DK 539	10	29.92	3.355				
	DK 537	10	31.43	2.309				
Week 7					0.370	0.481	0.529	0.171
	NK603_11	18	30.95	3.187				
	NK603_33	17	30.69	2.903				
	Par_11	18	30.30	3.171				
	Par_33	18	30.10	2.446				
	Crows	18	29.85	2.968				
	Pioneer	16	30.46	2.950				
	Cropland	16	29.43	2.798				
	Campbell	15	28.55	2.242				
	DK 539	16	29.40	2.348				
	DK 537	16	30.46	2.241				
Week 8					0.376	0.397	0.364	0.039
	NK603_11	20	30.99	3.008				
	NK603_33	20	31.64	3.625				
	Par_11	20	30.20	3.011				
	Par_33	20	30.80	2.446				
	Crows	20	30.30	2.927				
	Pioneer	20	30.53	2.617				
	Cropland	20	31.15	3.919				
	Campbell	19	29.75	2.727				
	DK 539	20	29.51	2.065				
	DK 537	20	29.76	2.616				
Week 9					0.571	0.531	0.912	0.428
	NK603_11	20	30.60	3.247				
	NK603_33	19	30.38	2.984				
	Par_11	20	30.05	2.985				
	Par_33	20	30.48	2.481				
	Crows	20	29.96	2.751				
	Pioneer	20	30.54	2.659				
	Cropland	20	30.66	3.645				
	Campbell	19	29.27	2.566				
	DK 539	20	29.28	1.869				
	DK 537	20	29.25	2.457				

Table 2. Food Consumption - Males

Period	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Comm.
Week 10					0.450	0.347	0.501	0.068
	NK603_11	20	30.52	3.085				
	NK603_33	19	30.86	2.633				
	Par_11	20	29.50	3.070				
	Par_33	20	30.12	2.245				
	Crows	20	29.82	2.987				
	Pioneer	19	28.42	7.031				
	Cropland	20	30.30	3.172				
	Campbell	19	29.26	2.460				
	DK 539	20	29.01	1.939				
	DK 537	20	28.98	3.286				
Week 11					0.016	0.755	0.020	0.000
	NK603_11	20	30.11	2.120				
	NK603_33	19	31.20	3.901				
	Par_11	20	29.84	2.930				
	Par_33	20	29.09	2.298				
	Crows	20	28.97	2.797				
	Pioneer	20	28.58	3.512				
	Cropland	20	29.85	3.380				
	Campbell	19	28.22	2.499				
	DK 539	20	28.16	1.911				
	DK 537	19	28.50	2.121				
Week 12					0.002	0.495	0.038	0.000
	NK603_11	20	30.44	1.957				
	NK603_33	19	31.61	3.662				
	Par_11	20	29.82	3.291				
	Par_33	20	29.68	2.323				
	Crows	20	28.52	3.097				
	Pioneer	19	29.46	2.882				
	Cropland	19	29.76	3.489				
	Campbell	20	27.77	3.068				
	DK 539	20	28.14	1.961				
	DK 537	18	29.28	2.511				
Week 13					0.142	0.236	0.086	0.009
	NK603_11	20	29.29	2.267				
	NK603_33	19	30.03	4.134				
	Par_11	20	28.18	3.383				
	Par_33	20	28.40	2.310				
	Crows	20	27.37	2.880				
	Pioneer	19	27.79	2.714				
	Cropland	20	29.32	3.304				
	Campbell	20	28.12	3.030				
	DK 539	20	28.10	1.539				
	DK 537	20	27.97	3.148				

Table 2. Food Consumption - Females

Period	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Comm.
Days 1 - 2					0.512	0.500	0.577	0.385
	NK603_11	20	17.73	2.135				
	NK603_33	20	17.87	2.232				
	Par_11	20	17.32	2.078				
	Par_33	20	18.21	1.318				
	Crows	20	17.87	2.184				
	Pioneer	20	17.64	2.108				
	Cropland	20	16.89	2.104				
	Campbell	20	17.07	1.412				
	DK 539	20	17.87	1.636				
	DK 537	20	17.52	1.442				
Days 2 - 3					0.019	0.804	0.298	0.059
	NK603_11	20	19.33	2.189				
	NK603_33	20	20.11	1.815				
	Par_11	20	19.48	1.550				
	Par_33	20	19.46	2.212				
	Crows	20	18.55	2.222				
	Pioneer	20	19.88	1.989				
	Cropland	20	18.12	1.859				
	Campbell	20	18.86	1.898				
	DK 539	20	19.97	1.454				
	DK 537	20	19.90	2.327				
Days 3 - 4					0.293	0.018	0.769	0.688
	NK603_11	20	17.11	2.026				
	NK603_33	20	18.24	2.083				
	Par_11	20	18.54	1.277				
	Par_33	20	18.06	2.013				
	Crows	20	18.20	2.156				
	Pioneer	20	18.67	1.326				
	Cropland	20	17.83	1.833				
	Campbell	20	17.49	1.627				
	DK 539	20	18.14	2.537				
	DK 537	20	18.00	1.553				
Days 4 - 8					0.245	0.328	0.836	0.122
	NK603_11	20	19.63	2.106				
	NK603_33	20	20.64	1.402				
	Par_11	20	20.19	1.802				
	Par_33	20	20.76	1.690				
	Crows	20	20.01	2.508				
	Pioneer	20	20.37	1.685				
	Cropland	20	19.47	1.782				
	Campbell	20	19.50	1.088				
	DK 539	20	20.05	1.607				
	DK 537	20	20.40	1.937				

Table 2. Food Consumption - Females

Period	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Comm.
Days 8 - 9					0.006	0.524	0.434	0.003
	NK603_11	20	19.48	3.196				
	NK603_33	20	20.55	2.637				
	Par_11	20	20.01	2.382				
	Par_33	20	19.90	1.828				
	Crows	20	19.12	2.794				
	Pioneer	20	19.23	2.068				
	Cropland	20	18.30	2.692				
	Campbell	20	17.12	2.577				
	DK 539	20	18.86	2.834				
	DK 537	20	19.25	2.934				
Days 9 - 10					0.607	0.807	0.230	0.105
	NK603_11	20	19.59	2.725				
	NK603_33	20	20.57	1.585				
	Par_11	20	19.42	1.933				
	Par_33	20	19.74	1.863				
	Crows	20	19.20	2.206				
	Pioneer	20	19.28	2.200				
	Cropland	20	19.96	1.960				
	Campbell	20	19.73	2.123				
	DK 539	20	19.73	2.920				
	DK 537	20	20.36	2.078				
Days 10 - 11					0.081	0.439	0.749	0.023
	NK603_11	20	19.18	2.160				
	NK603_33	20	20.15	2.472				
	Par_11	20	19.85	2.139				
	Par_33	20	19.87	4.166				
	Crows	20	18.60	2.789				
	Pioneer	20	19.86	2.722				
	Cropland	20	17.88	2.583				
	Campbell	20	18.76	2.183				
	DK 539	20	18.65	2.075				
	DK 537	20	18.16	3.147				
Days 11 - 15					0.263	0.971	0.265	0.004
	NK603_11	20	20.57	2.363				
	NK603_33	20	22.40	2.766				
	Par_11	20	20.60	1.709				
	Par_33	20	21.56	1.901				
	Crows	20	20.51	2.274				
	Pioneer	20	20.85	1.847				
	Cropland	20	20.93	3.854				
	Campbell	18	20.58	2.201				
	DK 539	20	20.78	2.143				
	DK 537	20	20.67	1.898				

Table 2. Food Consumption - Females

Period	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Comm.
Week 2					0.649	0.645	0.538	0.254
	NK603_11	19	20.55	2.375				
	NK603_33	17	20.98	1.956				
	Par_11	18	20.27	1.433				
	Par_33	15	21.38	1.701				
	Crows	17	20.85	2.098				
	Pioneer	15	20.64	1.240				
	Cropland	19	20.30	1.737				
	Campbell	18	20.43	1.481				
	DK 539	15	20.02	1.586				
	DK 537	16	20.40	2.071				
Week 3					0.003	0.965	0.594	0.003
	NK603_11	20	21.37	2.447				
	NK603_33	20	23.20	3.177				
	Par_11	20	21.35	1.636				
	Par_33	20	22.21	2.191				
	Crows	19	22.24	3.314				
	Pioneer	18	21.49	1.256				
	Cropland	19	20.75	1.893				
	Campbell	18	20.12	1.175				
	DK 539	17	20.63	1.461				
	DK 537	16	21.43	1.537				
Week 4					0.031	0.839	0.069	0.004
	NK603_11	20	21.19	2.328				
	NK603_33	18	22.06	2.140				
	Par_11	20	21.07	1.745				
	Par_33	17	20.87	1.498				
	Crows	18	21.23	2.637				
	Pioneer	17	21.37	1.794				
	Cropland	17	20.01	1.356				
	Campbell	19	19.96	1.609				
	DK 539	18	20.23	1.866				
	DK 537	17	20.89	1.909				
Week 5					0.067	0.296	0.304	0.096
	NK603_11	19	21.31	2.148				
	NK603_33	18	22.46	3.614				
	Par_11	19	20.42	1.815				
	Par_33	20	23.34	3.880				
	Crows	19	21.22	2.392				
	Pioneer	17	21.62	1.447				
	Cropland	20	21.54	3.179				
	Campbell	20	21.06	2.650				
	DK 539	20	21.26	1.909				
	DK 537	19	21.36	2.044				

Table 2. Food Consumption - Females

Period	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Comm.
Week 6					0.008	0.791	0.382	0.317
	NK603_11	12	19.82	1.455				
	NK603_33	11	21.33	2.389				
	Par_11	12	20.05	1.392				
	Par_33	11	22.11	3.294				
	Crows	9	22.64	2.674				
	Pioneer	11	20.94	2.263				
	Cropland	12	20.00	2.407				
	Campbell	12	20.08	1.453				
	DK 539	12	19.40	1.597				
	DK 537	11	20.79	1.303				
Week 7					0.705	0.445	0.669	0.177
	NK603_11	10	20.83	2.994				
	NK603_33	8	21.27	4.188				
	Par_11	8	20.02	1.188				
	Par_33	8	20.80	2.619				
	Crows	5	20.07	1.204				
	Pioneer	7	20.29	0.908				
	Cropland	10	20.31	1.998				
	Campbell	10	19.35	1.288				
	DK 539	10	19.66	1.762				
	DK 537	9	21.03	1.459				
Week 8					0.358	0.418	0.302	0.057
	NK603_11	18	20.63	2.529				
	NK603_33	18	22.83	2.762				
	Par_11	18	21.42	2.832				
	Par_33	18	21.82	2.736				
	Crows	18	22.57	4.958				
	Pioneer	18	21.31	1.729				
	Cropland	18	21.42	2.601				
	Campbell	18	20.94	3.065				
	DK 539	18	21.47	2.891				
	DK 537	18	20.72	2.051				
Week 9					0.975	0.894	0.388	0.436
	NK603_11	19	20.17	1.745				
	NK603_33	17	20.81	2.407				
	Par_11	18	20.26	2.155				
	Par_33	14	20.17	1.992				
	Crows	16	20.68	2.618				
	Pioneer	18	20.50	1.223				
	Cropland	18	20.17	2.156				
	Campbell	16	19.97	1.613				
	DK 539	19	20.38	2.316				
	DK 537	19	20.63	1.993				

Table 2. Food Consumption - Females

Period	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Comm.
Week 10					0.991	0.881	0.869	0.968
	NK603_11	20	20.56	3.342				
	NK603_33	16	20.44	2.386				
	Par_11	19	20.46	2.412				
	Par_33	17	20.57	1.854				
	Crows	18	20.86	2.288				
	Pioneer	19	20.38	1.613				
	Cropland	17	20.32	1.666				
	Campbell	20	20.49	2.148				
	DK 539	19	19.98	1.622				
	DK 537	18	20.77	1.923				
Week 11					0.328	0.461	0.976	0.486
	NK603_11	19	19.68	2.344				
	NK603_33	16	20.31	3.009				
	Par_11	16	19.14	2.050				
	Par_33	14	20.33	1.774				
	Crows	15	19.68	2.161				
	Pioneer	18	20.51	2.277				
	Cropland	16	19.62	1.622				
	Campbell	16	19.03	1.633				
	DK 539	19	19.89	1.912				
	DK 537	18	20.72	2.316				
Week 12					0.030	0.659	0.459	0.353
	NK603_11	18	19.21	1.747				
	NK603_33	15	20.63	1.970				
	Par_11	18	19.46	1.341				
	Par_33	15	20.16	1.796				
	Crows	19	21.06	2.161				
	Pioneer	19	20.64	1.721				
	Cropland	18	19.90	1.637				
	Campbell	18	19.59	1.544				
	DK 539	18	19.70	1.661				
	DK 537	19	20.24	1.656				
Week 13					0.091	0.882	0.157	0.008
	NK603_11	19	19.45	1.967				
	NK603_33	19	21.39	3.153				
	Par_11	18	19.34	2.110				
	Par_33	18	20.38	1.717				
	Crows	18	20.65	2.047				
	Pioneer	18	20.28	1.602				
	Cropland	17	19.50	1.942				
	Campbell	20	19.62	2.015				
	DK 539	19	19.69	2.133				
	DK 537	20	19.99	2.321				

Table 3. Cumm Body Wgt Change - Males

Period	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Comm.
Day 1 - PreTes					0.003	0.454	0.329	0.006
	NK603_11	20	51.84	5.321				
	NK603_33	20	50.75	5.386				
	Par_11	20	50.68	5.583				
	Par_33	20	49.23	3.618				
	Crows	20	47.95	4.432				
	Pioneer	20	46.55	3.752				
	Cropland	20	47.68	5.335				
	Campbell	20	46.13	5.540				
	DK 539	20	48.36	4.600				
	DK 537	20	48.22	5.077				
Day 8 - Day 1					0.887	0.770	0.854	0.313
	NK603_11	20	55.40	5.723				
	NK603_33	20	56.36	6.681				
	Par_11	20	54.80	6.882				
	Par_33	20	56.73	5.623				
	Crows	20	54.53	5.795				
	Pioneer	20	53.81	6.592				
	Cropland	20	54.98	9.031				
	Campbell	20	54.10	5.803				
	DK 539	20	56.34	5.085				
	DK 537	20	54.97	6.096				
Day 15 - Day 1					0.799	0.485	0.294	0.158
	NK603_11	20	103.10	11.683				
	NK603_33	20	103.81	13.035				
	Par_11	20	100.51	11.769				
	Par_33	20	99.92	9.265				
	Crows	20	99.20	8.958				
	Pioneer	20	96.75	9.979				
	Cropland	20	101.93	16.762				
	Campbell	20	100.75	10.930				
	DK 539	20	100.68	10.971				
	DK 537	20	99.55	11.713				
Week 3 - Day 1					0.714	0.922	0.370	0.100
	NK603_11	20	141.94	17.059				
	NK603_33	20	145.19	19.841				
	Par_11	20	141.42	19.892				
	Par_33	20	140.44	12.507				
	Crows	20	138.17	12.722				
	Pioneer	20	133.56	14.062				
	Cropland	20	141.95	22.031				
	Campbell	20	140.26	15.080				
	DK 539	20	139.53	15.269				
	DK 537	20	137.71	15.764				

Table 3. Cumm Body Wgt Change - Males

Period	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Comm.
Week 4 - Day 1					0.417	0.677	0.152	0.035
	NK603_11	20	177.23	24.122				
	NK603_33	20	181.17	28.151				
	Par_11	20	174.44	26.604				
	Par_33	20	171.55	15.288				
	Crows	20	169.53	16.342				
	Pioneer	20	163.75	15.673				
	Cropland	20	174.64	24.285				
	Campbell	20	173.94	20.068				
	DK 539	20	169.36	16.697				
	DK 537	20	170.77	19.062				
Week 5 - Day 1					0.591	0.904	0.132	0.086
	NK603_11	20	202.43	26.125				
	NK603_33	20	207.86	32.282				
	Par_11	20	201.46	34.720				
	Par_33	20	195.77	19.147				
	Crows	20	196.12	19.124				
	Pioneer	20	189.35	20.970				
	Cropland	20	204.19	30.384				
	Campbell	20	198.22	20.878				
	DK 539	20	198.64	18.993				
	DK 537	20	197.32	23.924				
Week 6 - Day 1					0.837	0.981	0.560	0.245
	NK603_11	12	229.39	36.131				
	NK603_33	12	234.08	18.486				
	Par_11	12	229.12	40.486				
	Par_33	12	227.48	20.460				
	Crows	12	218.10	20.742				
	Pioneer	14	221.64	17.986				
	Cropland	14	235.09	38.377				
	Campbell	14	221.93	29.811				
	DK 539	14	221.19	19.586				
	DK 537	14	226.61	22.493				
Week 7 - Day 1					0.726	0.427	0.200	0.075
	NK603_11	18	249.49	39.101				
	NK603_33	18	251.49	40.897				
	Par_11	18	240.77	44.177				
	Par_33	18	237.41	27.062				
	Crows	18	238.78	26.635				
	Pioneer	16	230.46	31.874				
	Cropland	16	236.12	25.152				
	Campbell	16	233.16	25.858				
	DK 539	16	239.68	21.886				
	DK 537	16	240.08	35.257				

Table 3. Cumm Body Wgt Change - Males

Period	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Comm.
Week 8 - Day 1					0.679	0.463	0.185	0.218
	NK603_11	20	269.07	40.483				
	NK603_33	20	272.36	45.748				
	Par_11	20	260.54	45.427				
	Par_33	20	256.92	30.033				
	Crows	20	255.75	30.024				
	Pioneer	20	252.65	32.752				
	Cropland	20	272.57	42.708				
	Campbell	20	262.51	32.424				
	DK 539	20	259.03	26.166				
	DK 537	20	266.03	34.779				
Week 9 - Day 1					0.791	0.452	0.301	0.284
	NK603_11	20	288.31	42.392				
	NK603_33	20	288.62	41.984				
	Par_11	20	279.22	49.474				
	Par_33	20	276.10	31.904				
	Crows	20	275.22	32.688				
	Pioneer	20	271.44	35.305				
	Cropland	20	290.87	44.754				
	Campbell	20	279.23	35.407				
	DK 539	20	275.06	25.850				
	DK 537	20	280.51	35.611				
Week 10 - Day					0.729	0.371	0.277	0.284
	NK603_11	20	302.47	47.252				
	NK603_33	20	302.58	51.501				
	Par_11	20	290.73	53.208				
	Par_33	20	288.30	32.877				
	Crows	20	285.52	33.178				
	Pioneer	20	283.67	36.688				
	Cropland	20	305.33	49.453				
	Campbell	20	293.12	37.799				
	DK 539	20	288.82	26.483				
	DK 537	20	294.63	35.957				
Week 11 - Day					0.759	0.498	0.262	0.297
	NK603_11	20	313.53	49.030				
	NK603_33	20	314.88	51.752				
	Par_11	20	304.21	56.671				
	Par_33	20	299.44	35.529				
	Crows	20	296.67	35.328				
	Pioneer	20	296.57	38.693				
	Cropland	20	318.32	51.577				
	Campbell	20	306.76	39.260				
	DK 539	20	299.87	26.876				
	DK 537	20	305.18	40.769				

Table 3. Cumm Body Wgt Change - Males

Period	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Comm.
Week 12 - Day					0.737	0.593	0.293	0.482
	NK603_11	20	321.94	46.196				
	NK603_33	19	323.62	55.711				
	Par_11	20	314.28	60.628				
	Par_33	20	308.34	34.725				
	Crows	20	309.12	36.594				
	Pioneer	20	304.24	41.703				
	Cropland	20	331.16	54.988				
	Campbell	20	316.64	43.926				
	DK 539	20	311.86	27.962				
	DK 537	20	321.55	39.664				
Week 13 - Day					0.611	0.664	0.257	0.490
	NK603_11	20	330.30	45.525				
	NK603_33	19	335.45	59.294				
	Par_11	20	323.75	63.617				
	Par_33	20	318.11	35.975				
	Crows	20	316.17	39.321				
	Pioneer	19	317.50	45.450				
	Cropland	20	346.03	57.300				
	Campbell	20	328.34	46.684				
	DK 539	20	321.36	29.151				
	DK 537	20	334.48	43.569				
Week 14 - Day					0.576	0.777	0.224	0.342
	NK603_11	20	344.61	47.277				
	NK603_33	19	352.51	63.881				
	Par_11	20	340.09	67.341				
	Par_33	20	332.84	38.862				
	Crows	20	329.58	40.021				
	Pioneer	19	329.59	45.187				
	Cropland	20	362.49	60.654				
	Campbell	20	344.25	49.902				
	DK 539	20	335.58	28.420				
	DK 537	20	342.54	49.108				

Table 3. Cumm Body Wgt Change - Females

Period	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Comm.
Day 1 - PreTes					0.547	0.793	0.661	0.260
	NK603_11	20	24.60	5.391				
	NK603_33	20	27.96	7.552				
	Par_11	20	25.16	5.328				
	Par_33	20	27.03	5.946				
	Crows	20	24.32	8.167				
	Pioneer	20	27.52	8.122				
	Cropland	20	26.09	6.386				
	Campbell	20	24.44	8.307				
	DK 539	20	27.34	5.715				
	DK 537	20	27.06	5.205				
Day 8 - Day 1					0.034	0.430	0.201	0.251
	NK603_11	20	25.44	5.356				
	NK603_33	20	27.67	5.072				
	Par_11	20	26.75	4.118				
	Par_33	20	25.55	5.101				
	Crows	20	25.43	7.338				
	Pioneer	20	25.55	5.019				
	Cropland	20	24.28	4.753				
	Campbell	20	25.14	4.097				
	DK 539	20	26.69	4.679				
	DK 537	20	30.21	6.034				
Day 15 - Day 1					0.007	0.329	0.280	0.944
	NK603_11	20	44.90	8.490				
	NK603_33	20	49.72	9.440				
	Par_11	20	47.55	7.886				
	Par_33	20	46.79	8.739				
	Crows	20	45.31	10.612				
	Pioneer	20	47.98	7.153				
	Cropland	20	47.59	6.192				
	Campbell	20	49.42	8.462				
	DK 539	20	51.97	10.021				
	DK 537	20	55.18	7.691				
Week 3 - Day 1					0.004	0.668	0.808	0.717
	NK603_11	20	61.42	7.809				
	NK603_33	20	68.37	13.546				
	Par_11	20	62.91	10.091				
	Par_33	20	67.52	10.815				
	Crows	20	64.85	12.823				
	Pioneer	20	65.69	10.883				
	Cropland	20	65.44	8.589				
	Campbell	20	62.85	9.978				
	DK 539	20	70.18	11.521				
	DK 537	20	75.42	12.272				

Table 3. Cumm Body Wgt Change - Females

Period	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Comm.
Week 4 - Day 1					0.000	0.744	0.170	0.986
	NK603_11	20	75.51	8.874				
	NK603_33	20	84.35	13.653				
	Par_11	20	76.79	10.302				
	Par_33	20	78.98	13.330				
	Crows	20	82.51	15.838				
	Pioneer	20	85.77	11.608				
	Cropland	20	81.13	10.000				
	Campbell	20	78.78	12.835				
	DK 539	20	84.09	11.130				
	DK 537	20	93.51	14.141				
Week 5 - Day 1					0.005	0.378	0.183	0.799
	NK603_11	20	87.08	10.636				
	NK603_33	20	96.58	16.158				
	Par_11	20	91.06	11.028				
	Par_33	20	90.57	14.262				
	Crows	20	94.30	17.127				
	Pioneer	20	97.64	14.536				
	Cropland	20	92.25	11.805				
	Campbell	20	89.45	16.890				
	DK 539	20	94.78	12.610				
	DK 537	20	105.79	15.417				
Week 6 - Day 1					0.008	0.811	0.586	0.686
	NK603_11	20	92.87	12.261				
	NK603_33	20	104.04	18.776				
	Par_11	20	94.05	12.119				
	Par_33	20	101.33	17.419				
	Crows	20	99.78	18.115				
	Pioneer	20	103.28	12.433				
	Cropland	20	99.76	12.862				
	Campbell	20	96.33	20.434				
	DK 539	20	103.65	12.552				
	DK 537	20	112.24	16.620				
Week 7 - Day 1					0.010	0.697	0.675	0.471
	NK603_11	12	101.06	10.551				
	NK603_33	12	108.55	18.193				
	Par_11	12	98.67	11.072				
	Par_33	12	105.98	15.695				
	Crows	12	113.25	16.706				
	Pioneer	12	107.31	16.457				
	Cropland	12	110.88	16.052				
	Campbell	12	105.80	12.853				
	DK 539	12	110.53	12.340				
	DK 537	12	123.85	17.709				

Table 3. Cumm Body Wgt Change - Females

Period	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Comm.
Week 8 - Day 1					0.054	0.563	0.650	0.300
	NK603_11	18	109.44	12.752				
	NK603_33	18	122.84	19.480				
	Par_11	18	112.78	14.383				
	Par_33	18	120.22	19.654				
	Crows	18	118.13	21.557				
	Pioneer	18	120.54	13.574				
	Cropland	18	116.03	15.724				
	Campbell	18	110.78	20.339				
	DK 539	18	116.45	15.554				
	DK 537	18	127.67	17.478				
Week 9 - Day 1					0.012	0.234	0.080	0.082
	NK603_11	20	113.39	14.748				
	NK603_33	20	133.01	21.934				
	Par_11	20	120.14	14.872				
	Par_33	20	123.03	18.953				
	Crows	20	124.71	22.875				
	Pioneer	20	124.57	15.266				
	Cropland	20	126.52	17.114				
	Campbell	20	117.07	17.958				
	DK 539	20	126.74	15.043				
	DK 537	20	133.06	18.166				
Week 10 - Day					0.032	0.063	0.235	0.263
	NK603_11	20	116.19	14.846				
	NK603_33	20	134.91	24.365				
	Par_11	20	127.32	16.600				
	Par_33	20	127.82	18.785				
	Crows	20	129.23	22.837				
	Pioneer	20	132.05	14.672				
	Cropland	20	129.80	17.347				
	Campbell	20	120.95	17.876				
	DK 539	20	130.46	17.477				
	DK 537	20	136.43	20.664				
Week 11 - Day					0.023	0.185	0.295	0.267
	NK603_11	20	122.39	16.150				
	NK603_33	20	140.98	23.083				
	Par_11	20	130.79	18.116				
	Par_33	20	134.36	20.074				
	Crows	20	135.03	25.891				
	Pioneer	20	136.05	17.148				
	Cropland	20	136.59	18.312				
	Campbell	20	125.44	18.918				
	DK 539	20	135.88	17.974				
	DK 537	20	144.70	21.778				

Table 3. Cumm Body Wgt Change - Females

Period	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Comm.
Week 12 - Day					0.050	0.729	0.201	0.175
	NK603_11	20	130.91	16.685				
	NK603_33	20	143.83	24.126				
	Par_11	20	133.17	19.189				
	Par_33	20	135.49	19.514				
	Crows	20	135.69	26.326				
	Pioneer	20	138.36	16.481				
	Cropland	20	136.26	19.420				
	Campbell	20	126.28	19.300				
	DK 539	20	136.59	20.095				
	DK 537	20	149.20	22.355				
Week 13 - Day					0.029	0.655	0.155	0.069
	NK603_11	20	133.39	17.612				
	NK603_33	20	150.58	23.542				
	Par_11	20	136.31	17.530				
	Par_33	20	141.29	21.273				
	Crows	20	143.61	25.218				
	Pioneer	20	142.02	18.574				
	Cropland	20	140.95	19.787				
	Campbell	20	130.11	18.709				
	DK 539	20	140.73	19.123				
	DK 537	20	151.42	22.958				
Week 14 - Day					0.060	0.757	0.121	0.143
	NK603_11	20	135.32	17.127				
	NK603_33	20	153.22	27.254				
	Par_11	20	137.47	18.500				
	Par_33	20	142.43	21.982				
	Crows	20	146.88	27.065				
	Pioneer	20	146.38	20.110				
	Cropland	20	145.37	19.877				
	Campbell	20	134.90	21.313				
	DK 539	20	145.27	20.337				
	DK 537	20	153.85	23.312				

Table 4. Indiv Body Weight Change - Males

Period	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Comm.
Day 1- 8					0.887	0.770	0.854	0.313
	NK603_11	20	55.40	5.723				
	NK603_33	20	56.36	6.681				
	Par_11	20	54.80	6.882				
	Par_33	20	56.73	5.623				
	Crows	20	54.53	5.795				
	Pioneer	20	53.81	6.592				
	Cropland	20	54.98	9.031				
	Campbell	20	54.10	5.803				
	DK 539	20	56.34	5.085				
	DK 537	20	54.97	6.096				
Day 8-15					0.249	0.356	0.049	0.141
	NK603_11	20	47.71	6.621				
	NK603_33	20	47.46	7.881				
	Par_11	20	45.71	7.603				
	Par_33	20	43.19	5.019				
	Crows	20	44.68	4.654				
	Pioneer	20	42.94	5.186				
	Cropland	20	46.95	9.302				
	Campbell	20	46.65	6.260				
	DK 539	20	44.34	7.658				
	DK 537	20	44.58	6.578				
Week 2- 3					0.484	0.299	0.666	0.082
	NK603_11	20	38.84	6.454				
	NK603_33	20	41.38	8.144				
	Par_11	20	40.91	8.824				
	Par_33	20	40.52	5.794				
	Crows	20	38.97	5.317				
	Pioneer	20	36.81	5.434				
	Cropland	20	40.02	6.307				
	Campbell	20	39.51	5.372				
	DK 539	20	38.86	4.886				
	DK 537	20	38.16	5.081				
Week 3- 4					0.076	0.297	0.026	0.013
	NK603_11	20	35.29	7.829				
	NK603_33	20	35.98	9.808				
	Par_11	20	33.03	8.604				
	Par_33	20	31.11	4.765				
	Crows	20	31.36	6.199				
	Pioneer	20	30.19	6.292				
	Cropland	20	32.69	6.186				
	Campbell	20	33.68	6.073				
	DK 539	20	29.83	5.538				
	DK 537	20	33.06	5.634				

Table 4. Indiv Body Weight Change - Males

Period	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Comm.
Week 4- 5					0.629	0.533	0.398	0.898
	NK603_11	20	25.20	8.022				
	NK603_33	20	26.69	11.284				
	Par_11	20	27.02	10.692				
	Par_33	20	24.23	7.836				
	Crows	20	26.59	7.596				
	Pioneer	20	25.60	12.202				
	Cropland	20	29.55	9.800				
	Campbell	20	24.29	7.937				
	DK 539	20	29.28	6.477				
	DK 537	20	26.55	8.401				
Week 5- 6					0.313	0.583	0.747	0.315
	NK603_11	12	24.13	10.992				
	NK603_33	12	26.71	10.041				
	Par_11	12	22.26	6.489				
	Par_33	12	27.81	8.767				
	Crows	12	22.29	3.486				
	Pioneer	14	27.72	7.812				
	Cropland	14	25.35	8.625				
	Campbell	14	25.46	10.160				
	DK 539	14	20.29	5.527				
	DK 537	14	23.51	8.689				
Week 6- 7					0.345	0.160	0.749	0.723
	NK603_11	10	25.91	7.317				
	NK603_33	10	19.20	11.741				
	Par_11	10	20.96	10.667				
	Par_33	10	18.08	9.888				
	Crows	10	17.00	4.506				
	Pioneer	10	22.31	7.227				
	Cropland	10	22.27	4.885				
	Campbell	10	19.06	4.122				
	DK 539	10	18.64	5.968				
	DK 537	10	21.62	7.632				
Week 7- 8					0.000	0.260	0.409	0.035
	NK603_11	18	21.37	5.416				
	NK603_33	17	20.36	4.956				
	Par_11	18	19.33	6.873				
	Par_33	18	18.85	5.270				
	Crows	18	20.05	4.699				
	Pioneer	16	20.16	5.718				
	Cropland	16	23.73	6.098				
	Campbell	16	20.83	4.207				
	DK 539	16	25.93	5.548				
	DK 537	16	29.59	4.695				

Table 4. Indiv Body Weight Change - Males

Period	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Comm.
Week 8- 9					0.044	0.746	0.091	0.432
	NK603_11	20	19.24	5.067				
	NK603_33	20	16.26	9.110				
	Par_11	20	18.68	4.880				
	Par_33	20	19.19	4.111				
	Crows	20	19.47	5.007				
	Pioneer	20	18.79	4.223				
	Cropland	20	18.30	4.617				
	Campbell	20	16.72	4.713				
	DK 539	20	16.03	5.127				
	DK 537	20	14.48	5.912				
Week 9-10					0.145	0.112	0.670	0.205
	NK603_11	20	14.16	6.316				
	NK603_33	19	11.48	5.360				
	Par_11	20	11.51	5.198				
	Par_33	20	12.20	5.182				
	Crows	20	10.30	4.022				
	Pioneer	20	12.23	4.849				
	Cropland	20	14.47	6.513				
	Campbell	20	13.89	5.513				
	DK 539	20	13.76	4.688				
	DK 537	20	14.11	4.217				
Week 10-11					0.529	0.122	0.454	0.954
	NK603_11	20	11.06	5.053				
	NK603_33	20	12.31	6.818				
	Par_11	20	13.48	4.753				
	Par_33	20	11.13	5.654				
	Crows	20	11.15	4.323				
	Pioneer	20	12.90	4.236				
	Cropland	20	12.98	5.017				
	Campbell	20	13.64	4.291				
	DK 539	20	11.05	3.145				
	DK 537	19	12.53	5.129				
Week 11-12					0.000	0.393	0.648	0.001
	NK603_11	20	8.41	6.780				
	NK603_33	19	8.01	6.675				
	Par_11	20	10.06	6.064				
	Par_33	20	8.91	5.912				
	Crows	20	12.45	3.340				
	Pioneer	19	13.74	6.409				
	Cropland	20	12.85	5.782				
	Campbell	20	9.89	9.050				
	DK 539	20	11.99	3.462				
	DK 537	20	16.37	5.673				

Table 4. Indiv Body Weight Change - Males

Period	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Comm.
Week 12-13					0.000	0.518	0.239	0.557
	NK603_11	20	8.36	5.609				
	NK603_33	19	11.83	5.093				
	Par_11	20	9.48	5.016				
	Par_33	20	9.77	4.580				
	Crows	20	7.04	6.121				
	Pioneer	19	10.20	6.365				
	Cropland	20	14.87	6.042				
	Campbell	20	11.69	4.899				
	DK 539	20	9.50	3.296				
	DK 537	20	12.93	6.642				
Week 13-14					0.000	0.303	0.245	0.017
	NK603_11	20	14.30	3.585				
	NK603_33	19	17.05	6.257				
	Par_11	20	16.34	5.004				
	Par_33	20	14.73	6.621				
	Crows	20	13.41	5.099				
	Pioneer	19	12.09	6.559				
	Cropland	20	16.46	5.521				
	Campbell	20	15.91	5.290				
	DK 539	20	14.22	7.080				
	DK 537	20	8.06	9.474				

Table 4. Indiv Body Weight Change - Females

Period	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Comm.
Day 1- 8					0.034	0.430	0.201	0.251
	NK603_11	20	25.44	5.356				
	NK603_33	20	27.67	5.072				
	Par_11	20	26.75	4.118				
	Par_33	20	25.55	5.101				
	Crows	20	25.43	7.338				
	Pioneer	20	25.55	5.019				
	Cropland	20	24.28	4.753				
	Campbell	20	25.14	4.097				
	DK 539	20	26.69	4.679				
	DK 537	20	30.21	6.034				
Day 8-15					0.024	0.498	0.682	0.386
	NK603_11	20	19.45	6.453				
	NK603_33	20	22.05	6.757				
	Par_11	20	20.80	5.272				
	Par_33	20	21.24	6.410				
	Crows	20	19.88	5.668				
	Pioneer	20	22.44	5.232				
	Cropland	20	23.31	5.395				
	Campbell	20	24.29	6.893				
	DK 539	20	25.28	7.523				
	DK 537	20	24.96	6.318				
Week 2- 3					0.003	0.536	0.265	0.569
	NK603_11	20	16.53	5.543				
	NK603_33	20	18.65	6.789				
	Par_11	20	15.37	5.213				
	Par_33	20	20.74	3.959				
	Crows	20	19.54	7.286				
	Pioneer	20	17.71	5.486				
	Cropland	20	17.85	4.556				
	Campbell	20	13.43	5.637				
	DK 539	20	18.22	5.569				
	DK 537	20	20.24	7.978				
Week 3- 4					0.000	0.901	0.009	0.492
	NK603_11	20	14.09	3.854				
	NK603_33	20	15.99	5.217				
	Par_11	20	13.87	4.219				
	Par_33	20	11.46	5.153				
	Crows	20	17.67	5.767				
	Pioneer	20	20.08	5.414				
	Cropland	20	15.69	7.281				
	Campbell	20	15.93	6.221				
	DK 539	20	13.91	5.677				
	DK 537	20	18.10	5.031				

Table 4. Indiv Body Weight Change - Females

Period	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Comm.
Week 4- 5					0.728	0.129	0.718	0.544
	NK603_11	20	11.57	4.518				
	NK603_33	20	12.23	4.603				
	Par_11	20	14.27	5.054				
	Par_33	20	11.58	3.389				
	Crows	20	11.79	6.349				
	Pioneer	20	11.87	6.601				
	Cropland	20	11.12	5.544				
	Campbell	20	10.67	6.429				
	DK 539	20	10.69	5.437				
	DK 537	20	12.27	7.065				
Week 5- 6					0.015	0.151	0.089	0.659
	NK603_11	20	5.79	7.280				
	NK603_33	20	7.46	6.325				
	Par_11	20	2.99	5.048				
	Par_33	20	10.77	5.480				
	Crows	20	5.48	6.065				
	Pioneer	20	5.64	5.928				
	Cropland	20	7.51	5.028				
	Campbell	20	6.88	6.634				
	DK 539	20	8.87	4.214				
	DK 537	20	6.46	8.148				
Week 6- 7					0.048	0.217	0.508	0.301
	NK603_11	12	5.76	4.425				
	NK603_33	12	10.55	4.943				
	Par_11	12	8.36	4.166				
	Par_33	12	9.16	4.670				
	Crows	12	11.93	5.605				
	Pioneer	12	6.48	5.762				
	Cropland	12	9.98	6.024				
	Campbell	12	10.80	3.828				
	DK 539	12	6.95	5.331				
	DK 537	12	7.19	5.979				
Week 7- 8					0.005	0.064	0.636	0.027
	NK603_11	10	9.35	6.351				
	NK603_33	10	10.86	6.192				
	Par_11	10	13.96	5.303				
	Par_33	10	9.69	4.950				
	Crows	10	6.30	5.023				
	Pioneer	10	9.29	5.162				
	Cropland	10	8.55	5.051				
	Campbell	10	4.05	4.285				
	DK 539	10	6.14	6.543				
	DK 537	10	5.42	5.741				

Table 4. Indiv Body Weight Change - Females

Period	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Comm.
Week 8- 9					0.008	0.300	0.010	0.457
	NK603_11	18	5.18	4.358				
	NK603_33	18	9.13	7.207				
	Par_11	18	7.22	7.157				
	Par_33	18	4.04	5.809				
	Crows	18	6.90	5.067				
	Pioneer	18	5.14	5.245				
	Cropland	18	10.79	6.545				
	Campbell	18	7.52	7.168				
	DK 539	18	10.35	4.622				
	DK 537	18	7.40	4.590				
Week 9-10					0.210	0.037	0.230	0.279
	NK603_11	20	2.80	4.798				
	NK603_33	20	1.90	9.046				
	Par_11	20	7.18	5.874				
	Par_33	20	4.79	8.614				
	Crows	20	4.52	7.858				
	Pioneer	20	7.48	5.476				
	Cropland	20	3.28	5.719				
	Campbell	20	3.88	5.463				
	DK 539	20	3.72	5.232				
	DK 537	20	3.37	6.450				
Week 10-11					0.275	0.134	0.800	0.843
	NK603_11	20	6.20	5.474				
	NK603_33	20	6.07	7.182				
	Par_11	20	3.47	5.374				
	Par_33	20	6.53	6.268				
	Crows	20	5.80	6.854				
	Pioneer	20	4.01	6.857				
	Cropland	20	6.79	4.482				
	Campbell	20	4.49	4.028				
	DK 539	20	5.43	4.166				
	DK 537	20	8.28	5.583				
Week 11-12					0.000	0.001	0.336	0.304
	NK603_11	20	8.52	5.375				
	NK603_33	20	2.85	6.238				
	Par_11	20	2.38	5.732				
	Par_33	20	1.14	4.871				
	Crows	20	0.66	5.477				
	Pioneer	20	2.31	6.394				
	Cropland	20	-0.33	4.294				
	Campbell	20	0.84	5.437				
	DK 539	20	0.72	5.875				
	DK 537	20	4.50	6.031				

Table 4. Indiv Body Weight Change - Females

Period	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Comm.
Week 12-13					0.006	0.682	0.551	0.056
	NK603_11	20	2.48	4.301				
	NK603_33	20	6.75	5.454				
	Par_11	20	3.14	7.022				
	Par_33	20	5.80	5.545				
	Crows	20	7.92	4.819				
	Pioneer	20	3.66	5.502				
	Cropland	20	4.69	3.209				
	Campbell	20	3.84	3.790				
	DK 539	20	4.13	4.052				
	DK 537	20	2.22	5.701				
Week 13-14					0.182	0.646	0.371	0.301
	NK603_11	20	1.93	4.974				
	NK603_33	20	2.64	6.534				
	Par_11	20	1.16	6.746				
	Par_33	20	1.14	6.369				
	Crows	20	3.27	4.610				
	Pioneer	20	4.36	5.740				
	Cropland	20	4.41	4.418				
	Campbell	20	4.78	3.956				
	DK 539	20	4.53	4.158				
	DK 537	20	2.43	4.422				

Table 5. Organ Weight Data - Males

Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Commercial
Body Wt, g							
				0.784	0.717	0.245	0.377
NK603_11	20	544.79	45.563				
NK603_33	19	550.15	66.418				
Par_11	20	538.59	71.163				
Par_33	19	529.75	44.345				
Crows	19	530.64	45.898				
Pioneer	18	526.08	49.602				
Cropland	20	557.47	66.751				
Campbell	20	540.14	57.143				
DK 539	19	535.33	27.710				
DK 537	20	540.28	48.170				
Adrenal(s) Wt, g							
				0.027	0.327	0.911	0.864
NK603_11	20	0.07	0.015				
NK603_33	19	0.07	0.010				
Par_11	20	0.07	0.014				
Par_33	20	0.07	0.009				
Crows	20	0.06	0.009				
Pioneer	19	0.07	0.014				
Cropland	20	0.07	0.014				
Campbell	20	0.06	0.011				
DK 539	20	0.07	0.013				
DK 537	20	0.06	0.011				
Adrenal(s), % Body Wt							
				0.045	0.154	0.708	0.596
NK603_11	20	0.01	0.002				
NK603_33	19	0.01	0.002				
Par_11	20	0.01	0.003				
Par_33	19	0.01	0.002				
Crows	19	0.01	0.002				
Pioneer	18	0.01	0.002				
Cropland	20	0.01	0.002				
Campbell	20	0.01	0.002				
DK 539	19	0.01	0.002				
DK 537	20	0.01	0.003				

Table 5. Organ Weight Data - Males

Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Commercial
Adrenal(s), % Brain Wt							
				0.020	0.307	0.809	0.726
NK603_11	20	2.92	0.616				
NK603_33	19	2.89	0.417				
Par_11	20	3.09	0.627				
Par_33	20	2.93	0.356				
Crows	20	2.75	0.408				
Pioneer	19	3.12	0.612				
Cropland	20	3.30	0.607				
Campbell	20	2.81	0.488				
DK 539	20	2.93	0.595				
DK 537	20	2.71	0.483				
Brain Wt, g							
				0.400	0.861	0.095	0.485
NK603_11	20	2.24	0.098				
NK603_33	19	2.27	0.094				
Par_11	20	2.24	0.073				
Par_33	20	2.22	0.088				
Crows	20	2.23	0.099				
Pioneer	19	2.26	0.091				
Cropland	20	2.26	0.082				
Campbell	20	2.24	0.099				
DK 539	20	2.25	0.059				
DK 537	20	2.29	0.093				
Brain, % Body Wt							
				0.812	0.432	0.678	0.608
NK603_11	20	0.41	0.033				
NK603_33	19	0.42	0.041				
Par_11	20	0.42	0.052				
Par_33	19	0.42	0.033				
Crows	19	0.42	0.028				
Pioneer	18	0.43	0.044				
Cropland	20	0.41	0.046				
Campbell	20	0.42	0.039				
DK 539	19	0.42	0.017				
DK 537	20	0.43	0.037				

Table 5. Organ Weight Data - Males

Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Commercial
Heart Wt, g							
				0.042	0.109	0.006	0.043
NK603_11	20	1.99	0.254				
NK603_33	19	1.98	0.261				
Par_11	20	1.87	0.274				
Par_33	20	1.78	0.192				
Crows	20	1.86	0.255				
Pioneer	19	1.82	0.183				
Cropland	20	1.94	0.242				
Campbell	20	1.92	0.226				
DK 539	20	1.85	0.182				
DK 537	20	1.82	0.156				
Heart, % Body Wt							
				0.123	0.099	0.015	0.173
NK603_11	20	0.37	0.050				
NK603_33	19	0.36	0.036				
Par_11	20	0.35	0.022				
Par_33	19	0.33	0.027				
Crows	19	0.35	0.035				
Pioneer	18	0.35	0.034				
Cropland	20	0.35	0.037				
Campbell	20	0.36	0.043				
DK 539	19	0.35	0.032				
DK 537	20	0.34	0.031				
Heart, % Brain Wt							
				0.058	0.109	0.035	0.095
NK603_11	20	88.98	11.153				
NK603_33	19	87.22	10.759				
Par_11	20	83.69	12.434				
Par_33	20	80.18	9.748				
Crows	20	83.23	11.120				
Pioneer	19	80.74	9.507				
Cropland	20	85.96	11.477				
Campbell	20	85.85	11.008				
DK 539	20	82.38	7.817				
DK 537	20	79.36	7.632				

Table 5. Organ Weight Data - Males

Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Commercial
Kidney(s) Wt, g							
				0.326	0.802	0.060	0.167
NK603_11	20	4.28	0.422				
NK603_33	19	4.33	0.503				
Par_11	20	4.31	0.508				
Par_33	20	4.07	0.433				
Crows	20	4.22	0.400				
Pioneer	19	4.08	0.320				
Cropland	20	4.34	0.508				
Campbell	20	4.16	0.459				
DK 539	20	4.11	0.342				
DK 537	20	4.18	0.408				
Kidney(s), % Body Wt							
				0.399	0.383	0.256	0.564
NK603_11	20	0.79	0.068				
NK603_33	19	0.79	0.052				
Par_11	20	0.80	0.064				
Par_33	19	0.77	0.055				
Crows	19	0.81	0.070				
Pioneer	18	0.78	0.062				
Cropland	20	0.78	0.063				
Campbell	20	0.77	0.068				
DK 539	19	0.76	0.048				
DK 537	20	0.78	0.064				
Kidney(s), % Brain Wt							
				0.273	0.833	0.191	0.258
NK603_11	20	191.46	17.533				
NK603_33	19	190.76	20.281				
Par_11	20	192.70	23.318				
Par_33	20	182.98	17.291				
Crows	20	189.11	16.297				
Pioneer	19	181.03	14.969				
Cropland	20	192.42	21.637				
Campbell	20	185.87	21.001				
DK 539	20	182.59	12.990				
DK 537	20	182.47	17.093				

Table 5. Organ Weight Data - Males

Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Commercial
Liver Wt, g							
				0.244	0.678	0.024	0.060
NK603_11	20	15.65	1.600				
NK603_33	19	16.34	2.673				
Par_11	20	15.38	2.462				
Par_33	20	14.86	1.426				
Crows	20	15.28	2.136				
Pioneer	19	15.07	1.493				
Cropland	20	16.31	2.472				
Campbell	20	15.03	1.756				
DK 539	20	15.06	1.609				
DK 537	20	15.57	2.248				
Liver, % Body Wt							
				0.153	0.712	0.029	0.046
NK603_11	20	2.87	0.202				
NK603_33	19	2.96	0.170				
Par_11	20	2.85	0.205				
Par_33	19	2.82	0.191				
Crows	19	2.91	0.237				
Pioneer	18	2.87	0.147				
Cropland	20	2.92	0.206				
Campbell	20	2.78	0.129				
DK 539	19	2.80	0.229				
DK 537	20	2.87	0.238				
Liver, % Brain Wt							
				0.361	0.647	0.072	0.086
NK603_11	20	699.53	62.883				
NK603_33	19	719.18	111.640				
Par_11	20	686.98	111.893				
Par_33	20	668.96	64.113				
Crows	20	683.05	82.332				
Pioneer	19	669.36	75.836				
Cropland	20	722.76	108.326				
Campbell	20	669.39	66.630				
DK 539	20	669.44	61.828				
DK 537	20	679.31	98.373				

Table 5. Organ Weight Data - Males

Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Commercial
Spleen Wt, g							
				0.955	0.784	0.504	0.300
NK603_11	20	0.84	0.141				
NK603_33	19	0.89	0.159				
Par_11	20	0.85	0.152				
Par_33	20	0.87	0.128				
Crows	20	0.86	0.115				
Pioneer	19	0.85	0.141				
Cropland	20	0.88	0.104				
Campbell	20	0.84	0.117				
DK 539	20	0.85	0.092				
DK 537	20	0.88	0.129				
Spleen, % Body Wt							
				0.824	0.518	0.823	0.668
NK603_11	20	0.15	0.021				
NK603_33	19	0.16	0.028				
Par_11	20	0.16	0.024				
Par_33	19	0.16	0.022				
Crows	19	0.16	0.017				
Pioneer	18	0.16	0.023				
Cropland	20	0.16	0.021				
Campbell	20	0.16	0.020				
DK 539	19	0.16	0.018				
DK 537	20	0.16	0.024				
Spleen, % Brain Wt							
				0.987	0.790	0.833	0.396
NK603_11	20	37.61	5.927				
NK603_33	19	39.35	7.020				
Par_11	20	38.10	6.800				
Par_33	20	38.97	5.968				
Crows	20	38.64	4.687				
Pioneer	19	37.68	6.213				
Cropland	20	38.82	4.757				
Campbell	20	37.62	5.115				
DK 539	20	37.71	4.125				
DK 537	20	38.44	5.880				

Table 5. Organ Weight Data - Males

Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Commercial
Testis(es) Wt, g							
				0.557	0.536	0.299	0.660
NK603_11	20	3.67	0.373				
NK603_33	19	3.60	0.255				
Par_11	20	3.58	0.258				
Par_33	20	3.53	0.614				
Crows	20	3.61	0.303				
Pioneer	19	3.55	0.194				
Cropland	20	3.50	0.214				
Campbell	20	3.66	0.724				
DK 539	20	3.57	0.240				
DK 537	20	3.65	0.160				
Testis(es), % Body Wt							
				0.769	0.894	0.994	0.580
NK603_11	20	0.68	0.065				
NK603_33	19	0.66	0.080				
Par_11	20	0.67	0.084				
Par_33	19	0.66	0.113				
Crows	19	0.69	0.054				
Pioneer	18	0.68	0.073				
Cropland	20	0.64	0.090				
Campbell	20	0.68	0.145				
DK 539	19	0.67	0.038				
DK 537	20	0.68	0.075				
Testis(es), % Brain Wt							
				0.672	0.412	0.688	0.941
NK603_11	20	164.29	15.236				
NK603_33	19	158.64	9.813				
Par_11	20	159.68	12.474				
Par_33	20	159.16	29.714				
Crows	20	162.03	14.659				
Pioneer	19	157.64	11.237				
Cropland	20	155.00	9.953				
Campbell	20	163.49	33.124				
DK 539	20	158.77	9.531				
DK 537	20	159.29	7.863				

Table 5. Organ Weight Data - Females

Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Commercial
Body Wt, g							
				0.067	0.677	0.244	0.307
NK603_11	20	280.06	23.968				
NK603_33	20	297.79	27.106				
Par_11	20	283.22	17.984				
Par_33	20	288.95	22.341				
Crows	20	289.82	28.251				
Pioneer	20	293.22	19.853				
Cropland	20	292.52	21.114				
Campbell	20	280.55	23.774				
DK 539	20	293.02	27.057				
DK 537	20	302.12	25.507				
Adrenal(s) Wt, g							
				0.792	0.957	0.593	0.733
NK603_11	20	0.07	0.012				
NK603_33	20	0.07	0.011				
Par_11	20	0.07	0.009				
Par_33	20	0.08	0.012				
Crows	20	0.07	0.015				
Pioneer	20	0.08	0.015				
Cropland	20	0.08	0.008				
Campbell	20	0.08	0.011				
DK 539	20	0.07	0.010				
DK 537	20	0.08	0.014				
Adrenal(s), % Body Wt							
				0.686	0.801	0.338	0.432
NK603_11	20	0.03	0.004				
NK603_33	20	0.03	0.004				
Par_11	20	0.03	0.003				
Par_33	20	0.03	0.004				
Crows	20	0.03	0.006				
Pioneer	20	0.03	0.005				
Cropland	20	0.03	0.003				
Campbell	20	0.03	0.004				
DK 539	20	0.02	0.004				
DK 537	20	0.03	0.005				

Table 5. Organ Weight Data - Females

Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Commercial
Adrenal(s), % Brain Wt							
				0.768	0.552	0.595	0.996
NK603_11	20	3.56	0.584				
NK603_33	20	3.67	0.509				
Par_11	20	3.67	0.436				
Par_33	20	3.77	0.586				
Crows	20	3.59	0.716				
Pioneer	20	3.71	0.718				
Cropland	20	3.70	0.393				
Campbell	20	3.82	0.505				
DK 539	20	3.47	0.520				
DK 537	20	3.72	0.685				
Brain Wt, g							
				0.002	0.029	0.994	0.145
NK603_11	20	2.03	0.073				
NK603_33	20	2.03	0.080				
Par_11	20	1.97	0.068				
Par_33	20	2.03	0.070				
Crows	20	2.06	0.078				
Pioneer	20	2.03	0.065				
Cropland	20	2.07	0.091				
Campbell	20	2.03	0.098				
DK 539	20	2.08	0.101				
DK 537	20	2.07	0.065				
Brain, % Body Wt							
				0.232	0.105	0.307	0.113
NK603_11	20	0.73	0.064				
NK603_33	20	0.69	0.067				
Par_11	20	0.70	0.041				
Par_33	20	0.71	0.053				
Crows	20	0.72	0.071				
Pioneer	20	0.70	0.053				
Cropland	20	0.71	0.052				
Campbell	20	0.73	0.059				
DK 539	20	0.71	0.059				
DK 537	20	0.69	0.065				

Table 5. Organ Weight Data - Females

Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Commercial
Heart Wt, g							
				0.170	0.952	0.178	0.995
NK603_11	20	1.09	0.090				
NK603_33	20	1.13	0.092				
Par_11	20	1.08	0.081				
Par_33	20	1.08	0.076				
Crows	20	1.11	0.099				
Pioneer	20	1.14	0.109				
Cropland	20	1.10	0.097				
Campbell	20	1.11	0.122				
DK 539	20	1.16	0.121				
DK 537	20	1.15	0.123				
Heart, % Body Wt							
				0.445	0.513	0.663	0.351
NK603_11	20	0.39	0.034				
NK603_33	20	0.38	0.034				
Par_11	20	0.38	0.021				
Par_33	20	0.38	0.026				
Crows	20	0.39	0.029				
Pioneer	20	0.39	0.033				
Cropland	20	0.38	0.028				
Campbell	20	0.39	0.033				
DK 539	20	0.40	0.025				
DK 537	20	0.38	0.035				
Heart, % Brain Wt							
				0.560	0.411	0.179	0.531
NK603_11	20	53.62	5.002				
NK603_33	20	55.70	4.834				
Par_11	20	54.95	3.572				
Par_33	20	53.53	4.186				
Crows	20	53.98	4.888				
Pioneer	20	56.16	5.792				
Cropland	20	53.41	4.613				
Campbell	20	54.54	5.582				
DK 539	20	55.68	5.349				
DK 537	20	55.79	6.518				

Table 5. Organ Weight Data - Females

Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Commercial
Kidney(s) Wt, g							
				0.138	0.928	0.777	0.976
NK603_11	20	2.18	0.167				
NK603_33	20	2.30	0.212				
Par_11	20	2.18	0.242				
Par_33	20	2.28	0.225				
Crows	20	2.30	0.152				
Pioneer	20	2.30	0.218				
Cropland	20	2.32	0.228				
Campbell	20	2.25	0.271				
DK 539	20	2.28	0.152				
DK 537	20	2.36	0.158				
Kidney(s), % Body Wt							
				0.802	0.572	0.391	0.283
NK603_11	20	0.78	0.065				
NK603_33	20	0.78	0.052				
Par_11	20	0.77	0.059				
Par_33	20	0.79	0.058				
Crows	20	0.80	0.066				
Pioneer	20	0.78	0.058				
Cropland	20	0.79	0.062				
Campbell	20	0.80	0.061				
DK 539	20	0.78	0.063				
DK 537	20	0.78	0.051				
Kidney(s), % Brain Wt							
				0.580	0.324	0.732	0.482
NK603_11	20	107.48	10.617				
NK603_33	20	113.61	10.180				
Par_11	20	110.53	11.463				
Par_33	20	112.56	9.490				
Crows	20	111.35	7.346				
Pioneer	20	113.24	10.380				
Cropland	20	112.40	10.088				
Campbell	20	111.00	12.059				
DK 539	20	109.79	6.012				
DK 537	20	113.97	7.856				

Table 5. Organ Weight Data - Females

Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Commercial
Liver Wt, g							
				0.318	0.442	0.767	0.424
NK603_11	20	8.17	1.014				
NK603_33	20	8.62	1.442				
Par_11	20	8.48	1.384				
Par_33	20	8.50	0.860				
Crows	20	8.93	1.285				
Pioneer	20	9.02	1.283				
Cropland	20	8.66	0.923				
Campbell	20	8.49	1.257				
DK 539	20	8.93	1.420				
DK 537	20	9.18	1.722				
Liver, % Body Wt							
				0.687	0.550	0.630	0.083
NK603_11	20	2.92	0.300				
NK603_33	20	2.89	0.347				
Par_11	20	2.99	0.397				
Par_33	20	2.94	0.224				
Crows	20	3.09	0.398				
Pioneer	20	3.07	0.385				
Cropland	20	2.96	0.270				
Campbell	20	3.02	0.333				
DK 539	20	3.05	0.364				
DK 537	20	3.03	0.404				
Liver, % Brain Wt							
				0.593	0.180	0.748	0.663
NK603_11	20	403.07	52.054				
NK603_33	20	425.04	67.883				
Par_11	20	429.69	68.567				
Par_33	20	418.68	35.633				
Crows	20	432.80	61.506				
Pioneer	20	445.17	67.776				
Cropland	20	419.96	50.313				
Campbell	20	418.33	61.784				
DK 539	20	428.97	63.039				
DK 537	20	444.56	84.356				

Table 5. Organ Weight Data - Females

Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Commercial
Ovary(ies) Wt, g							
				0.538	0.738	0.236	0.271
NK603_11	20	0.13	0.023				
NK603_33	20	0.14	0.024				
Par_11	20	0.13	0.025				
Par_33	20	0.14	0.025				
Crows	20	0.13	0.020				
Pioneer	20	0.14	0.022				
Cropland	20	0.14	0.020				
Campbell	20	0.14	0.021				
DK 539	20	0.14	0.020				
DK 537	20	0.14	0.025				
Ovary(ies), % Body Wt							
				0.886	0.594	0.502	0.580
NK603_11	20	0.05	0.007				
NK603_33	20	0.05	0.008				
Par_11	20	0.05	0.009				
Par_33	20	0.05	0.008				
Crows	20	0.04	0.008				
Pioneer	20	0.05	0.008				
Cropland	20	0.05	0.007				
Campbell	20	0.05	0.006				
DK 539	20	0.05	0.006				
DK 537	20	0.05	0.009				
Ovary(ies), % Brain Wt							
				0.541	0.828	0.208	0.138
NK603_11	20	6.59	1.081				
NK603_33	20	7.10	1.196				
Par_11	20	6.66	1.303				
Par_33	20	6.66	1.167				
Crows	20	6.27	1.048				
Pioneer	20	7.00	1.070				
Cropland	20	6.67	0.993				
Campbell	20	6.77	0.917				
DK 539	20	6.64	0.835				
DK 537	20	6.87	1.279				

Table 5. Organ Weight Data - Females

Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs Commercial
Spleen Wt, g							
				0.329	0.575	0.152	0.187
NK603_11	20	0.52	0.070				
NK603_33	20	0.58	0.098				
Par_11	20	0.54	0.062				
Par_33	20	0.55	0.086				
Crows	20	0.55	0.066				
Pioneer	20	0.56	0.077				
Cropland	20	0.54	0.066				
Campbell	20	0.55	0.075				
DK 539	20	0.56	0.087				
DK 537	20	0.58	0.062				
Spleen, % Body Wt							
				0.955	0.764	0.429	0.510
NK603_11	20	0.19	0.025				
NK603_33	20	0.20	0.029				
Par_11	20	0.19	0.022				
Par_33	20	0.19	0.026				
Crows	20	0.19	0.028				
Pioneer	20	0.19	0.024				
Cropland	20	0.18	0.021				
Campbell	20	0.20	0.024				
DK 539	20	0.19	0.031				
DK 537	20	0.19	0.023				
Spleen, % Brain Wt							
				0.400	0.213	0.136	0.078
NK603_11	20	25.68	2.942				
NK603_33	20	28.63	4.829				
Par_11	20	27.13	3.062				
Par_33	20	26.89	4.070				
Crows	20	26.75	3.296				
Pioneer	20	27.43	3.577				
Cropland	20	26.18	3.441				
Campbell	20	26.97	3.453				
DK 539	20	26.95	4.283				
DK 537	20	28.05	3.458				

Table 6. HEMA Data, White Blood Cell Count - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.050	0.235	0.792	0.418
	NK603_11	10	11.49	2.033				
	NK603_33	10	11.84	2.539				
	Par_11	10	12.89	1.765				
	Par_33	10	12.15	2.580				
	Crows	10	10.59	2.291				
	Pioneer	10	11.37	1.272				
	Cropland	10	13.50	3.140				
	Campbell	10	14.57	3.017				
	DK 539	10	13.12	3.673				
	DK 537	10	12.23	2.973				
2					0.154	0.356	0.199	0.674
	NK603_11	10	8.81	3.015				
	NK603_33	10	9.27	2.571				
	Par_11	10	9.81	2.048				
	Par_33	9	7.82	2.150				
	Crows	10	8.18	2.936				
	Pioneer	10	7.92	1.229				
	Cropland	10	9.02	2.992				
	Campbell	10	10.99	2.564				
	DK 539	10	8.91	1.851				
	DK 537	10	8.49	2.279				

Table 6. HEMA Data, Red Blood Cell Count - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.329	0.418	0.932	0.565
	NK603_11	10	8.59	0.192				
	NK603_33	10	8.43	0.283				
	Par_11	10	8.48	0.280				
	Par_33	10	8.44	0.478				
	Crows	10	8.28	0.200				
	Pioneer	10	8.62	0.335				
	Cropland	10	8.39	0.360				
	Campbell	10	8.52	0.311				
	DK 539	10	8.58	0.232				
	DK 537	10	8.56	0.354				
2					0.464	0.078	0.479	0.968
	NK603_11	10	8.94	0.667				
	NK603_33	10	8.62	0.263				
	Par_11	10	8.57	0.457				
	Par_33	9	8.47	0.532				
	Crows	10	8.50	0.400				
	Pioneer	10	8.80	0.376				
	Cropland	10	8.58	0.457				
	Campbell	10	8.59	0.387				
	DK 539	10	8.68	0.472				
	DK 537	10	8.52	0.448				

Table 6. HEMA Data, Hemoglobin - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.900	0.184	0.777	0.750
	NK603_11	10	16.08	0.478				
	NK603_33	10	15.80	0.521				
	Par_11	10	15.75	0.700				
	Par_33	10	15.87	0.577				
	Crows	10	15.69	0.619				
	Pioneer	10	15.89	0.461				
	Cropland	10	15.76	0.440				
	Campbell	10	15.94	0.479				
	DK 539	10	15.91	0.569				
	DK 537	10	15.97	0.607				
2					0.763	0.083	0.530	0.870
	NK603_11	10	15.35	0.798				
	NK603_33	10	15.07	0.416				
	Par_11	10	14.86	0.513				
	Par_33	9	14.89	0.909				
	Crows	10	15.04	0.568				
	Pioneer	10	15.24	0.490				
	Cropland	10	14.98	0.489				
	Campbell	10	15.02	0.429				
	DK 539	10	15.06	0.741				
	DK 537	10	14.87	0.717				

Table 6. HEMA Data, Hematocrit - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.934	0.431	0.803	0.842
	NK603_11	10	46.41	1.388				
	NK603_33	10	45.73	1.528				
	Par_11	10	45.84	1.852				
	Par_33	10	45.55	1.725				
	Crows	10	45.25	1.925				
	Pioneer	10	45.71	1.242				
	Cropland	10	45.35	1.296				
	Campbell	10	45.83	1.474				
	DK 539	10	45.68	1.764				
	DK 537	10	45.90	1.743				
2					0.439	0.035	0.279	0.596
	NK603_11	10	45.73	3.009				
	NK603_33	10	44.56	0.970				
	Par_11	10	43.89	1.500				
	Par_33	9	43.60	2.621				
	Crows	10	44.14	1.637				
	Pioneer	10	44.75	1.497				
	Cropland	10	43.78	1.473				
	Campbell	10	44.33	1.215				
	DK 539	10	44.31	2.555				
	DK 537	10	43.96	1.698				

Table 6. HEMA Data, Mean Corpuscular Volume - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.421	0.965	0.669	0.284
	NK603_11	10	54.02	1.211				
	NK603_33	10	54.30	1.421				
	Par_11	10	54.05	1.205				
	Par_33	10	54.01	1.523				
	Crows	10	54.66	1.636				
	Pioneer	10	53.06	1.120				
	Cropland	10	54.10	2.215				
	Campbell	10	53.85	1.691				
	DK 539	10	53.20	1.460				
	DK 537	10	53.59	1.317				
2					0.919	1.000	0.801	0.551
	NK603_11	10	51.23	1.311				
	NK603_33	10	51.73	1.529				
	Par_11	10	51.23	1.419				
	Par_33	9	51.53	1.853				
	Crows	10	51.98	1.786				
	Pioneer	10	50.87	1.157				
	Cropland	10	51.14	2.769				
	Campbell	10	51.65	1.761				
	DK 539	10	51.05	1.344				
	DK 537	10	51.61	1.472				

Table 6. HEMA Data, Mean Corpuscular Hemoglobin - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.485	0.567	0.895	0.637
	NK603_11	10	18.71	0.500				
	NK603_33	10	18.77	0.548				
	Par_11	10	18.58	0.454				
	Par_33	10	18.80	0.510				
	Crows	10	18.97	0.476				
	Pioneer	10	18.45	0.481				
	Cropland	10	18.80	0.744				
	Campbell	10	18.75	0.515				
	DK 539	10	18.50	0.408				
	DK 537	10	18.66	0.306				
2					0.767	0.602	0.700	0.909
	NK603_11	10	17.23	0.593				
	NK603_33	10	17.49	0.517				
	Par_11	10	17.36	0.486				
	Par_33	9	17.59	0.540				
	Crows	10	17.71	0.436				
	Pioneer	10	17.31	0.335				
	Cropland	10	17.50	0.982				
	Campbell	10	17.48	0.611				
	DK 539	10	17.35	0.403				
	DK 537	10	17.46	0.378				

Table 6. HEMA Data, Mean Corpuscular Hemoglobin Concentratio - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.560	0.257	0.238	0.202
	NK603_11	10	34.62	0.670				
	NK603_33	10	34.56	0.554				
	Par_11	10	34.38	0.514				
	Par_33	10	34.81	0.451				
	Crows	10	34.74	0.530				
	Pioneer	10	34.75	0.467				
	Cropland	10	34.73	0.291				
	Campbell	10	34.77	0.330				
	DK 539	10	34.81	0.398				
	DK 537	10	34.80	0.377				
2					0.490	0.954	0.181	0.289
	NK603_11	10	33.63	1.207				
	NK603_33	10	33.83	0.517				
	Par_11	10	33.90	0.411				
	Par_33	9	34.12	0.205				
	Crows	10	34.08	0.770				
	Pioneer	10	34.05	0.438				
	Cropland	10	34.23	0.356				
	Campbell	10	33.83	0.531				
	DK 539	10	33.98	0.432				
	DK 537	10	33.83	0.427				

Table 6. HEMA Data, Platelet Count - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.140	0.278	0.041	0.324
	NK603_11	10	999.00	78.884				
	NK603_33	10	970.10	90.146				
	Par_11	10	944.80	103.306				
	Par_33	10	867.10	200.264				
	Crows	10	881.60	100.326				
	Pioneer	10	902.50	100.650				
	Cropland	10	945.10	50.342				
	Campbell	10	979.60	71.514				
	DK 539	10	967.50	163.758				
	DK 537	10	918.90	58.329				
2					0.331	0.137	0.923	0.902
	NK603_11	10	1028.30	147.037				
	NK603_33	10	943.00	102.834				
	Par_11	10	948.50	149.761				
	Par_33	9	937.67	97.870				
	Crows	10	870.30	107.877				
	Pioneer	10	940.30	149.842				
	Cropland	10	972.10	77.981				
	Campbell	10	956.30	76.432				
	DK 539	10	971.40	143.845				
	DK 537	10	917.50	101.353				

Table 6. HEMA Data, Neutrophils, Absolute - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.350	0.698	0.105	0.140
	NK603_11	10	1.18	0.338				
	NK603_33	10	0.99	0.264				
	Par_11	10	1.25	0.532				
	Par_33	10	1.30	0.441				
	Crows	10	0.91	0.405				
	Pioneer	10	1.29	0.326				
	Cropland	10	1.20	0.604				
	Campbell	10	1.19	0.374				
	DK 539	10	1.30	0.268				
	DK 537	10	1.35	0.542				
2					0.284	0.809	0.129	0.125
	NK603_11	10	1.23	0.382				
	NK603_33	10	1.05	0.308				
	Par_11	10	1.28	0.381				
	Par_33	9	1.37	0.432				
	Crows	10	0.97	0.521				
	Pioneer	10	1.26	0.412				
	Cropland	10	1.34	0.519				
	Campbell	10	1.47	0.513				
	DK 539	10	1.23	0.263				
	DK 537	10	1.47	0.710				

Table 6. HEMA Data, Lymphocytes, Absolute - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.057	0.235	0.957	0.570
	NK603_11	10	9.72	1.826				
	NK603_33	10	10.20	2.330				
	Par_11	10	11.00	1.560				
	Par_33	10	10.14	2.329				
	Crows	10	9.14	2.194				
	Pioneer	10	9.41	1.056				
	Cropland	10	11.56	3.046				
	Campbell	10	12.61	2.759				
	DK 539	10	11.04	3.518				
	DK 537	10	10.21	2.429				
2					0.155	0.357	0.098	0.464
	NK603_11	10	6.92	2.785				
	NK603_33	10	7.49	2.253				
	Par_11	10	7.82	1.849				
	Par_33	9	5.82	1.603				
	Crows	10	6.58	2.726				
	Pioneer	10	6.06	0.963				
	Cropland	10	6.90	2.817				
	Campbell	10	8.69	2.408				
	DK 539	10	7.01	1.649				
	DK 537	10	6.43	1.817				

Table 6. HEMA Data, Monocytes, Absolute - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.442	0.298	0.910	0.652
	NK603_11	10	0.26	0.098				
	NK603_33	10	0.30	0.072				
	Par_11	10	0.31	0.101				
	Par_33	10	0.31	0.095				
	Crows	10	0.26	0.097				
	Pioneer	10	0.32	0.134				
	Cropland	10	0.33	0.092				
	Campbell	10	0.34	0.119				
	DK 539	10	0.36	0.055				
	DK 537	10	0.31	0.098				
2					0.447	0.421	0.559	0.810
	NK603_11	10	0.28	0.106				
	NK603_33	10	0.32	0.114				
	Par_11	10	0.32	0.100				
	Par_33	9	0.28	0.133				
	Crows	10	0.30	0.097				
	Pioneer	10	0.27	0.087				
	Cropland	10	0.35	0.127				
	Campbell	10	0.37	0.152				
	DK 539	10	0.31	0.097				
	DK 537	10	0.25	0.106				

Table 6. HEMA Data, Eosinophils, Absolute - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.508	0.390	0.214	0.746
	NK603_11	10	0.16	0.047				
	NK603_33	10	0.16	0.063				
	Par_11	10	0.13	0.049				
	Par_33	10	0.20	0.169				
	Crows	10	0.12	0.038				
	Pioneer	10	0.15	0.064				
	Cropland	10	0.17	0.066				
	Campbell	10	0.16	0.066				
	DK 539	10	0.16	0.040				
	DK 537	10	0.16	0.055				
2					0.774	0.937	0.436	0.396
	NK603_11	10	0.13	0.049				
	NK603_33	10	0.15	0.061				
	Par_11	10	0.13	0.064				
	Par_33	9	0.13	0.059				
	Crows	10	0.11	0.027				
	Pioneer	10	0.12	0.048				
	Cropland	10	0.15	0.086				
	Campbell	10	0.16	0.063				
	DK 539	10	0.13	0.044				
	DK 537	10	0.12	0.045				

Table 6. HEMA Data, Basophils, Absolute - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.153	0.487	0.921	0.423
	NK603_11	10	0.05	0.018				
	NK603_33	10	0.05	0.023				
	Par_11	10	0.06	0.015				
	Par_33	10	0.05	0.027				
	Crows	10	0.05	0.018				
	Pioneer	10	0.05	0.011				
	Cropland	10	0.07	0.023				
	Campbell	10	0.07	0.032				
	DK 539	10	0.06	0.028				
	DK 537	10	0.05	0.022				
2					0.030	0.486	0.087	0.298
	NK603_11	10	0.06	0.024				
	NK603_33	10	0.08	0.023				
	Par_11	10	0.07	0.026				
	Par_33	9	0.06	0.017				
	Crows	10	0.06	0.018				
	Pioneer	10	0.06	0.016				
	Cropland	10	0.09	0.025				
	Campbell	10	0.09	0.032				
	DK 539	10	0.07	0.023				
	DK 537	10	0.06	0.013				

Table 6. HEMA Data, Lar Uni Cel, Absolute - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.164	0.650	0.880	0.231
	NK603_11	10	0.13	0.042				
	NK603_33	10	0.14	0.085				
	Par_11	10	0.15	0.051				
	Par_33	10	0.15	0.059				
	Crows	10	0.13	0.032				
	Pioneer	10	0.16	0.088				
	Cropland	10	0.18	0.098				
	Campbell	10	0.21	0.084				
	DK 539	10	0.20	0.101				
	DK 537	10	0.16	0.060				
2					0.078	0.967	0.263	0.542
	NK603_11	10	0.18	0.062				
	NK603_33	10	0.19	0.051				
	Par_11	10	0.18	0.061				
	Par_33	9	0.16	0.044				
	Crows	10	0.16	0.026				
	Pioneer	10	0.15	0.032				
	Cropland	10	0.21	0.076				
	Campbell	10	0.22	0.068				
	DK 539	10	0.17	0.063				
	DK 537	10	0.16	0.037				

Table 6. HEMA Data, Percent Neutrophils - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.458	0.656	0.114	0.264
	NK603_11	10	10.28	2.740				
	NK603_33	10	8.54	2.278				
	Par_11	10	9.60	3.591				
	Par_33	10	10.97	3.565				
	Crows	10	8.84	4.126				
	Pioneer	10	11.26	2.399				
	Cropland	10	9.38	5.487				
	Campbell	10	8.30	2.525				
	DK 539	10	10.40	2.874				
	DK 537	10	10.90	3.135				
2					0.104	0.421	0.009	0.054
	NK603_11	10	14.93	5.152				
	NK603_33	10	11.60	2.798				
	Par_11	10	13.19	3.807				
	Par_33	9	17.51	2.103				
	Crows	10	12.10	5.220				
	Pioneer	10	15.78	4.214				
	Cropland	10	15.86	7.206				
	Campbell	10	14.09	6.149				
	DK 539	10	13.91	2.593				
	DK 537	10	17.16	5.924				

Table 6. HEMA Data, Percent Lymphocytes - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.442	0.600	0.131	0.346
	NK603_11	10	84.51	3.163				
	NK603_33	10	85.88	3.221				
	Par_11	10	85.46	4.592				
	Par_33	10	83.13	4.392				
	Crows	10	85.99	4.398				
	Pioneer	10	82.85	3.981				
	Cropland	10	85.19	5.875				
	Campbell	10	86.26	3.218				
	DK 539	10	83.55	3.351				
	DK 537	10	83.61	3.242				
2					0.256	0.373	0.021	0.105
	NK603_11	10	77.31	6.766				
	NK603_33	10	80.53	3.359				
	Par_11	10	79.57	4.761				
	Par_33	9	74.41	1.729				
	Crows	10	79.77	6.317				
	Pioneer	10	76.60	4.941				
	Cropland	10	75.32	9.062				
	Campbell	10	78.35	6.672				
	DK 539	10	78.38	2.757				
	DK 537	10	75.84	5.844				

Table 6. HEMA Data, Percent Monocytes - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.784	0.745	0.813	0.709
	NK603_11	10	2.27	0.754				
	NK603_33	10	2.65	0.815				
	Par_11	10	2.38	0.702				
	Par_33	10	2.57	0.790				
	Crows	10	2.42	0.710				
	Pioneer	10	2.77	1.127				
	Cropland	10	2.45	0.528				
	Campbell	10	2.34	0.747				
	DK 539	10	2.84	0.645				
	DK 537	10	2.50	0.572				
2					0.681	0.951	0.773	0.791
	NK603_11	10	3.32	1.212				
	NK603_33	10	3.40	0.982				
	Par_11	10	3.29	0.823				
	Par_33	9	3.54	0.934				
	Crows	10	3.88	1.316				
	Pioneer	10	3.40	0.910				
	Cropland	10	3.91	1.262				
	Campbell	10	3.30	0.939				
	DK 539	10	3.58	1.358				
	DK 537	10	2.92	0.933				

Table 6. HEMA Data, Percent Eosinophils - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.790	0.053	0.826	0.423
	NK603_11	10	1.38	0.339				
	NK603_33	10	1.33	0.440				
	Par_11	10	1.00	0.362				
	Par_33	10	1.65	1.307				
	Crows	10	1.11	0.381				
	Pioneer	10	1.26	0.460				
	Cropland	10	1.24	0.366				
	Campbell	10	1.13	0.406				
	DK 539	10	1.22	0.333				
	DK 537	10	1.28	0.452				
2					0.941	0.364	0.606	0.662
	NK603_11	10	1.51	0.431				
	NK603_33	10	1.55	0.369				
	Par_11	10	1.31	0.468				
	Par_33	9	1.67	0.669				
	Crows	10	1.43	0.365				
	Pioneer	10	1.53	0.452				
	Cropland	10	1.56	0.650				
	Campbell	10	1.45	0.486				
	DK 539	10	1.48	0.527				
	DK 537	10	1.41	0.404				

Table 6. HEMA Data, Percent Basophils - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.235	0.678	0.836	0.162
	NK603_11	10	0.42	0.114				
	NK603_33	10	0.40	0.125				
	Par_11	10	0.44	0.084				
	Par_33	10	0.41	0.120				
	Crows	10	0.40	0.105				
	Pioneer	10	0.44	0.084				
	Cropland	10	0.52	0.092				
	Campbell	10	0.49	0.152				
	DK 539	10	0.44	0.084				
	DK 537	10	0.42	0.092				
2					0.086	0.735	0.257	0.475
	NK603_11	10	0.69	0.129				
	NK603_33	10	0.87	0.221				
	Par_11	10	0.72	0.220				
	Par_33	9	0.77	0.112				
	Crows	10	0.83	0.211				
	Pioneer	10	0.79	0.223				
	Cropland	10	0.98	0.230				
	Campbell	10	0.81	0.223				
	DK 539	10	0.74	0.178				
	DK 537	10	0.78	0.175				

Table 6. HEMA Data, Percent Lar Uni Cel - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.712	0.827	0.759	0.273
	NK603_11	10	1.18	0.518				
	NK603_33	10	1.17	0.464				
	Par_11	10	1.13	0.295				
	Par_33	10	1.24	0.465				
	Crows	10	1.22	0.181				
	Pioneer	10	1.39	0.702				
	Cropland	10	1.26	0.562				
	Campbell	10	1.46	0.513				
	DK 539	10	1.54	0.712				
	DK 537	10	1.30	0.437				
2					0.778	0.224	0.911	0.783
	NK603_11	10	2.23	0.845				
	NK603_33	10	2.07	0.427				
	Par_11	10	1.91	0.654				
	Par_33	9	2.10	0.559				
	Crows	10	2.00	0.459				
	Pioneer	10	1.92	0.480				
	Cropland	10	2.33	0.757				
	Campbell	10	2.01	0.468				
	DK 539	10	1.93	0.607				
	DK 537	10	1.90	0.408				

Table 6. HEMA Data, Prothrombin time - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
2					0.256	0.253	0.871	0.669
	NK603_11	10	12.68	0.773				
	NK603_33	10	12.16	0.406				
	Par_11	9	12.36	0.828				
	Par_33	8	12.11	0.394				
	Crows	10	12.17	0.554				
	Pioneer	10	12.00	0.865				
	Cropland	9	11.91	0.401				
	Campbell	10	12.05	0.360				
	DK 539	10	12.01	0.404				
	DK 537	10	12.28	0.779				

Table 6. HEMA Data, Activated partial thromboplastin time - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
2					0.029	0.554	0.855	0.206
	NK603_11	10	16.68	1.136				
	NK603_33	10	14.95	0.707				
	Par_11	9	17.19	3.006				
	Par_33	8	15.11	1.001				
	Crows	10	16.06	1.363				
	Pioneer	10	14.93	3.065				
	Cropland	9	16.14	0.953				
	Campbell	10	15.03	1.756				
	DK 539	10	15.35	1.819				
	DK 537	10	17.06	2.051				

Table 6. HEMA Data, White Blood Cell Count - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.874	0.576	0.682	0.798
	NK603_11	10	10.04	3.651				
	NK603_33	10	9.22	2.609				
	Par_11	10	10.69	2.231				
	Par_33	10	9.70	2.147				
	Crows	10	10.21	3.570				
	Pioneer	9	9.68	1.860				
	Cropland	10	9.50	1.615				
	Campbell	9	9.63	2.031				
	DK 539	9	8.84	3.261				
	DK 537	10	8.84	2.041				
2					0.584	0.957	0.086	0.107
	NK603_11	10	6.91	2.772				
	NK603_33	9	5.95	0.885				
	Par_11	10	6.96	1.563				
	Par_33	9	7.55	2.352				
	Crows	10	7.44	1.422				
	Pioneer	10	7.53	2.863				
	Cropland	10	7.13	1.431				
	Campbell	10	7.41	1.980				
	DK 539	10	6.03	1.362				
	DK 537	10	7.00	1.860				

Table 6. HEMA Data, Red Blood Cell Count - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.879	0.831	0.981	0.316
	NK603_11	10	8.07	0.395				
	NK603_33	10	7.89	0.361				
	Par_11	10	8.04	0.215				
	Par_33	10	7.88	0.381				
	Crows	10	8.04	0.304				
	Pioneer	9	7.95	0.372				
	Cropland	10	8.06	0.348				
	Campbell	9	7.89	0.371				
	DK 539	9	8.08	0.580				
	DK 537	10	8.05	0.233				
2					0.870	0.344	0.759	0.577
	NK603_11	10	8.01	0.830				
	NK603_33	9	7.98	0.409				
	Par_11	10	7.82	0.309				
	Par_33	9	8.05	0.582				
	Crows	10	8.03	0.356				
	Pioneer	10	7.95	0.256				
	Cropland	10	8.20	0.320				
	Campbell	10	8.09	0.409				
	DK 539	10	8.04	0.455				
	DK 537	10	8.11	0.302				

Table 6. HEMA Data, Hemoglobin - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.750	0.605	0.139	0.709
	NK603_11	10	15.10	0.575				
	NK603_33	10	15.06	0.648				
	Par_11	10	14.94	0.876				
	Par_33	10	14.60	0.807				
	Crows	10	14.97	0.640				
	Pioneer	9	15.04	0.480				
	Cropland	10	15.17	0.574				
	Campbell	9	14.69	0.852				
	DK 539	9	14.96	0.844				
	DK 537	10	15.00	0.435				
2					0.428	0.571	0.119	0.361
	NK603_11	10	14.63	0.695				
	NK603_33	9	15.00	0.630				
	Par_11	10	14.47	0.503				
	Par_33	9	14.53	0.968				
	Crows	10	14.68	0.594				
	Pioneer	10	14.64	0.320				
	Cropland	10	15.13	0.414				
	Campbell	10	14.82	0.618				
	DK 539	10	14.68	0.630				
	DK 537	10	14.81	0.739				

Table 6. HEMA Data, Hematocrit - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.566	0.610	0.120	0.792
	NK603_11	10	42.83	2.374				
	NK603_33	10	42.71	1.685				
	Par_11	10	43.24	1.173				
	Par_33	10	41.45	2.384				
	Crows	10	42.51	1.560				
	Pioneer	9	42.69	0.984				
	Cropland	10	43.03	1.459				
	Campbell	9	41.86	2.211				
	DK 539	9	42.60	2.246				
	DK 537	10	42.60	1.118				
2					0.720	0.295	0.141	0.337
	NK603_11	10	43.36	4.421				
	NK603_33	9	43.97	1.696				
	Par_11	10	42.32	1.377				
	Par_33	9	42.42	2.698				
	Crows	10	42.84	1.500				
	Pioneer	10	43.00	1.030				
	Cropland	10	44.12	1.409				
	Campbell	10	43.26	1.730				
	DK 539	10	42.80	1.941				
	DK 537	10	43.21	2.249				

Table 6. HEMA Data, Mean Corpuscular Volume - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.289	0.236	0.017	0.037
	NK603_11	10	53.05	1.610				
	NK603_33	10	54.20	1.119				
	Par_11	10	53.83	1.696				
	Par_33	10	52.61	1.403				
	Crows	10	52.91	1.676				
	Pioneer	9	53.73	1.649				
	Cropland	10	53.41	1.211				
	Campbell	9	53.03	1.107				
	DK 539	9	52.79	1.746				
	DK 537	10	52.95	1.222				
2					0.159	0.957	0.004	0.011
	NK603_11	10	54.14	1.386				
	NK603_33	9	55.09	1.375				
	Par_11	10	54.18	1.766				
	Par_33	9	52.79	1.923				
	Crows	10	53.36	1.436				
	Pioneer	10	54.17	2.042				
	Cropland	10	53.86	1.387				
	Campbell	10	53.45	1.372				
	DK 539	10	53.27	1.698				
	DK 537	10	53.27	1.903				

Table 6. HEMA Data, Mean Corpuscular Hemoglobin - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.427	0.544	0.025	0.045
	NK603_11	10	18.75	0.560				
	NK603_33	10	19.10	0.350				
	Par_11	10	18.59	0.927				
	Par_33	10	18.50	0.570				
	Crows	10	18.61	0.664				
	Pioneer	9	18.93	0.474				
	Cropland	10	18.81	0.515				
	Campbell	9	18.62	0.589				
	DK 539	9	18.53	0.638				
	DK 537	10	18.63	0.377				
2					0.658	0.632	0.028	0.055
	NK603_11	10	18.38	1.430				
	NK603_33	9	18.82	0.406				
	Par_11	10	18.53	0.776				
	Par_33	9	18.09	0.651				
	Crows	10	18.29	0.520				
	Pioneer	10	18.43	0.510				
	Cropland	10	18.48	0.489				
	Campbell	10	18.30	0.356				
	DK 539	10	18.27	0.544				
	DK 537	10	18.25	0.628				

Table 6. HEMA Data, Mean Corpuscular Hemoglobin Concentratio - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.598	0.021	0.839	0.759
	NK603_11	10	35.35	1.031				
	NK603_33	10	35.25	0.395				
	Par_11	10	34.54	1.774				
	Par_33	10	35.18	0.473				
	Crows	10	35.17	0.512				
	Pioneer	9	35.22	0.432				
	Cropland	10	35.22	0.581				
	Campbell	9	35.08	0.449				
	DK 539	9	35.12	0.367				
	DK 537	10	35.20	0.267				
2					0.974	0.365	0.866	0.888
	NK603_11	10	33.94	2.227				
	NK603_33	9	34.18	0.512				
	Par_11	10	34.17	0.548				
	Par_33	9	34.27	0.287				
	Crows	10	34.29	0.475				
	Pioneer	10	34.06	0.696				
	Cropland	10	34.31	0.588				
	Campbell	10	34.26	0.450				
	DK 539	10	34.29	0.507				
	DK 537	10	34.31	0.436				

Table 6. HEMA Data, Platelet Count - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.317	0.714	0.267	0.037
	NK603_11	10	982.10	130.181				
	NK603_33	10	944.50	51.866				
	Par_11	10	1000.60	181.795				
	Par_33	10	1000.70	124.980				
	Crows	10	1028.90	87.755				
	Pioneer	9	1017.56	93.767				
	Cropland	10	992.40	60.989				
	Campbell	9	1099.89	81.799				
	DK 539	9	1021.11	123.156				
	DK 537	10	996.90	123.373				
2					0.476	0.256	0.182	0.361
	NK603_11	10	1007.20	161.054				
	NK603_33	9	903.89	124.103				
	Par_11	10	941.40	179.114				
	Par_33	9	985.33	165.447				
	Crows	10	971.40	99.027				
	Pioneer	10	934.10	70.980				
	Cropland	10	873.20	88.722				
	Campbell	10	985.80	168.785				
	DK 539	10	953.50	79.946				
	DK 537	10	958.70	89.433				

Table 6. HEMA Data, Neutrophils, Absolute - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.929	0.913	0.306	0.621
	NK603_11	10	0.86	0.404				
	NK603_33	10	0.95	0.213				
	Par_11	10	0.88	0.198				
	Par_33	10	0.77	0.173				
	Crows	10	0.82	0.311				
	Pioneer	9	0.81	0.232				
	Cropland	10	1.04	0.641				
	Campbell	9	0.85	0.397				
	DK 539	9	0.84	0.457				
	DK 537	10	0.94	0.534				
2					0.875	0.866	0.770	0.763
	NK603_11	10	0.94	0.481				
	NK603_33	9	0.88	0.387				
	Par_11	10	0.89	0.232				
	Par_33	9	0.97	0.398				
	Crows	10	0.84	0.149				
	Pioneer	10	1.31	1.748				
	Cropland	10	0.84	0.195				
	Campbell	10	0.97	0.334				
	DK 539	10	0.93	0.471				
	DK 537	10	0.80	0.348				

Table 6. HEMA Data, Lymphocytes, Absolute - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.810	0.520	0.567	0.776
	NK603_11	10	8.59	3.200				
	NK603_33	10	7.81	2.447				
	Par_11	10	9.28	1.974				
	Par_33	10	8.43	2.095				
	Crows	10	8.78	3.213				
	Pioneer	9	8.32	1.730				
	Cropland	10	7.92	1.684				
	Campbell	9	8.32	1.885				
	DK 539	9	7.52	3.160				
	DK 537	10	7.41	1.691				
2					0.460	0.944	0.070	0.097
	NK603_11	10	5.47	2.295				
	NK603_33	9	4.65	0.733				
	Par_11	10	5.52	1.414				
	Par_33	9	6.01	1.860				
	Crows	10	6.00	1.416				
	Pioneer	10	5.64	1.817				
	Cropland	10	5.74	1.238				
	Campbell	10	5.91	1.600				
	DK 539	10	4.62	1.099				
	DK 537	10	5.66	1.611				

Table 6. HEMA Data, Monocytes, Absolute - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.695	0.979	0.520	0.308
	NK603_11	10	0.25	0.089				
	NK603_33	10	0.20	0.089				
	Par_11	10	0.25	0.100				
	Par_33	10	0.22	0.102				
	Crows	10	0.26	0.107				
	Pioneer	9	0.25	0.068				
	Cropland	10	0.25	0.057				
	Campbell	9	0.21	0.063				
	DK 539	9	0.19	0.073				
	DK 537	10	0.23	0.096				
2					0.242	0.221	0.023	0.010
	NK603_11	10	0.20	0.073				
	NK603_33	9	0.17	0.080				
	Par_11	10	0.25	0.110				
	Par_33	9	0.26	0.071				
	Crows	10	0.26	0.058				
	Pioneer	10	0.26	0.081				
	Cropland	10	0.25	0.063				
	Campbell	10	0.25	0.098				
	DK 539	10	0.21	0.081				
	DK 537	10	0.24	0.088				

Table 6. HEMA Data, Eosinophils, Absolute - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.517	0.270	0.386	0.257
	NK603_11	10	0.15	0.052				
	NK603_33	10	0.11	0.040				
	Par_11	10	0.12	0.052				
	Par_33	10	0.13	0.067				
	Crows	10	0.16	0.074				
	Pioneer	9	0.14	0.054				
	Cropland	10	0.14	0.049				
	Campbell	9	0.10	0.059				
	DK 539	9	0.14	0.059				
	DK 537	10	0.12	0.052				
2					0.724	0.318	0.069	0.151
	NK603_11	10	0.11	0.045				
	NK603_33	9	0.07	0.034				
	Par_11	10	0.09	0.030				
	Par_33	9	0.11	0.055				
	Crows	10	0.11	0.039				
	Pioneer	10	0.10	0.028				
	Cropland	10	0.10	0.046				
	Campbell	10	0.09	0.052				
	DK 539	10	0.10	0.055				
	DK 537	10	0.09	0.028				

Table 6. HEMA Data, Basophils, Absolute - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.801	1.000	0.896	0.800
	NK603_11	10	0.04	0.027				
	NK603_33	10	0.03	0.014				
	Par_11	10	0.04	0.016				
	Par_33	10	0.03	0.014				
	Crows	10	0.04	0.023				
	Pioneer	9	0.03	0.015				
	Cropland	10	0.03	0.011				
	Campbell	9	0.03	0.015				
	DK 539	9	0.03	0.018				
	DK 537	10	0.02	0.011				
2					0.674	0.805	0.364	0.555
	NK603_11	10	0.05	0.016				
	NK603_33	9	0.05	0.013				
	Par_11	10	0.05	0.013				
	Par_33	9	0.06	0.016				
	Crows	10	0.06	0.025				
	Pioneer	10	0.06	0.024				
	Cropland	10	0.06	0.014				
	Campbell	10	0.05	0.018				
	DK 539	10	0.05	0.016				
	DK 537	10	0.05	0.019				

Table 6. HEMA Data, Lar Uni Cel, Absolute - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.693	0.228	0.784	0.783
	NK603_11	10	0.16	0.066				
	NK603_33	10	0.12	0.070				
	Par_11	10	0.13	0.038				
	Par_33	10	0.12	0.045				
	Crows	10	0.15	0.074				
	Pioneer	9	0.13	0.086				
	Cropland	10	0.12	0.041				
	Campbell	9	0.12	0.035				
	DK 539	9	0.12	0.044				
	DK 537	10	0.12	0.047				
2					0.489	0.640	0.350	0.133
	NK603_11	10	0.15	0.041				
	NK603_33	9	0.13	0.035				
	Par_11	10	0.16	0.038				
	Par_33	9	0.15	0.036				
	Crows	10	0.18	0.062				
	Pioneer	10	0.16	0.081				
	Cropland	10	0.16	0.048				
	Campbell	10	0.14	0.025				
	DK 539	10	0.13	0.041				
	DK 537	10	0.14	0.042				

Table 6. HEMA Data, Percent Neutrophils - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.652	0.901	0.185	0.428
	NK603_11	10	8.53	2.539				
	NK603_33	10	10.91	3.140				
	Par_11	10	8.29	1.651				
	Par_33	10	8.34	2.678				
	Crows	10	8.41	2.595				
	Pioneer	9	8.72	3.491				
	Cropland	10	11.22	7.957				
	Campbell	9	8.99	4.350				
	DK 539	9	10.48	5.885				
	DK 537	10	10.59	4.936				
2					0.744	0.807	0.418	0.396
	NK603_11	10	13.45	3.794				
	NK603_33	9	14.63	5.301				
	Par_11	10	12.88	2.828				
	Par_33	9	12.64	2.227				
	Crows	10	11.68	3.207				
	Pioneer	10	14.80	11.890				
	Cropland	10	11.86	2.493				
	Campbell	10	13.14	2.870				
	DK 539	10	15.27	5.715				
	DK 537	10	11.55	3.572				

Table 6. HEMA Data, Percent Lymphocytes - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.671	0.527	0.259	0.697
	NK603_11	10	85.46	2.748				
	NK603_33	10	84.17	3.036				
	Par_11	10	86.75	1.601				
	Par_33	10	86.48	3.079				
	Crows	10	85.71	3.296				
	Pioneer	9	85.63	3.401				
	Cropland	10	83.09	7.670				
	Campbell	9	86.24	4.345				
	DK 539	9	84.07	6.637				
	DK 537	10	83.93	5.925				
2					0.853	0.976	0.634	0.698
	NK603_11	10	78.73	5.499				
	NK603_33	9	78.31	5.887				
	Par_11	10	78.81	3.538				
	Par_33	9	79.62	2.836				
	Crows	10	80.11	3.894				
	Pioneer	10	77.36	12.006				
	Cropland	10	80.33	2.277				
	Campbell	10	79.68	3.304				
	DK 539	10	76.54	7.505				
	DK 537	10	80.70	4.272				

Table 6. HEMA Data, Percent Monocytes - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.828	0.576	0.686	0.245
	NK603_11	10	2.46	0.521				
	NK603_33	10	2.15	0.717				
	Par_11	10	2.28	0.766				
	Par_33	10	2.28	0.802				
	Crows	10	2.52	0.826				
	Pioneer	9	2.54	0.461				
	Cropland	10	2.60	0.427				
	Campbell	9	2.17	0.456				
	DK 539	9	2.24	0.896				
	DK 537	10	2.55	1.000				
2					0.872	0.235	0.265	0.104
	NK603_11	10	3.09	1.122				
	NK603_33	9	2.84	1.267				
	Par_11	10	3.73	1.952				
	Par_33	9	3.48	0.610				
	Crows	10	3.60	0.859				
	Pioneer	10	3.62	0.934				
	Cropland	10	3.48	0.730				
	Campbell	10	3.39	0.781				
	DK 539	10	3.56	1.462				
	DK 537	10	3.64	1.515				

Table 6. HEMA Data, Percent Eosinophils - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.185	0.057	0.462	0.225
	NK603_11	10	1.56	0.631				
	NK603_33	10	1.18	0.235				
	Par_11	10	1.09	0.381				
	Par_33	10	1.36	0.698				
	Crows	10	1.60	0.776				
	Pioneer	9	1.41	0.562				
	Cropland	10	1.50	0.516				
	Campbell	9	1.00	0.456				
	DK 539	9	1.58	0.487				
	DK 537	10	1.36	0.490				
2					0.642	0.352	0.437	0.493
	NK603_11	10	1.67	0.648				
	NK603_33	9	1.26	0.548				
	Par_11	10	1.43	0.678				
	Par_33	9	1.47	0.418				
	Crows	10	1.47	0.625				
	Pioneer	10	1.40	0.455				
	Cropland	10	1.36	0.510				
	Campbell	10	1.16	0.513				
	DK 539	10	1.66	0.726				
	DK 537	10	1.33	0.514				

Table 6. HEMA Data, Percent Basophils - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.775	0.807	1.000	0.809
	NK603_11	10	0.34	0.097				
	NK603_33	10	0.31	0.088				
	Par_11	10	0.33	0.095				
	Par_33	10	0.31	0.057				
	Crows	10	0.32	0.092				
	Pioneer	9	0.32	0.083				
	Cropland	10	0.29	0.088				
	Campbell	9	0.32	0.109				
	DK 539	9	0.30	0.112				
	DK 537	10	0.26	0.084				
2					0.668	0.801	0.290	0.126
	NK603_11	10	0.75	0.237				
	NK603_33	9	0.84	0.151				
	Par_11	10	0.77	0.200				
	Par_33	9	0.76	0.113				
	Crows	10	0.80	0.205				
	Pioneer	10	0.75	0.118				
	Cropland	10	0.78	0.175				
	Campbell	10	0.65	0.165				
	DK 539	10	0.75	0.232				
	DK 537	10	0.75	0.108				

Table 6. HEMA Data, Percent Lar Uni Cel - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.488	0.025	0.698	0.704
	NK603_11	10	1.64	0.357				
	NK603_33	10	1.28	0.539				
	Par_11	10	1.23	0.279				
	Par_33	10	1.21	0.433				
	Crows	10	1.44	0.357				
	Pioneer	9	1.32	0.644				
	Cropland	10	1.30	0.356				
	Campbell	9	1.29	0.215				
	DK 539	9	1.34	0.413				
	DK 537	10	1.30	0.262				
2					0.759	0.785	0.682	0.888
	NK603_11	10	2.30	0.699				
	NK603_33	9	2.11	0.578				
	Par_11	10	2.37	0.633				
	Par_33	9	2.00	0.433				
	Crows	10	2.36	0.685				
	Pioneer	10	2.06	0.440				
	Cropland	10	2.19	0.626				
	Campbell	10	1.96	0.350				
	DK 539	10	2.20	0.750				
	DK 537	10	2.07	0.340				

Table 6. HEMA Data, Prothrombin time - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
2					0.400	0.062	0.408	0.601
	NK603_11	10	11.37	0.430				
	NK603_33	8	11.24	0.316				
	Par_11	10	11.01	0.423				
	Par_33	10	11.07	0.362				
	Crows	10	11.03	0.455				
	Pioneer	10	11.06	0.458				
	Cropland	9	11.31	0.496				
	Campbell	10	11.34	0.392				
	DK 539	10	11.05	0.360				
	DK 537	10	11.13	0.506				

Table 6. HEMA Data, Activated partial thromboplastin time - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
2					0.125	0.653	0.201	0.761
	NK603_11	10	13.20	1.878				
	NK603_33	8	14.33	1.753				
	Par_11	10	13.57	2.046				
	Par_33	10	13.22	2.232				
	Crows	10	13.64	1.288				
	Pioneer	10	14.39	1.239				
	Cropland	9	15.47	1.433				
	Campbell	10	14.49	1.962				
	DK 539	10	14.29	1.710				
	DK 537	10	14.92	2.179				

Table 7. CHEM Data, Albumin - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.082	0.887	0.036	0.040
	NK603_11	10	4.13	0.116				
	NK603_33	10	4.04	0.097				
	Par_11	10	4.14	0.107				
	Par_33	10	4.19	0.233				
	Crows	10	4.08	0.155				
	Pioneer	10	4.23	0.116				
	Cropland	10	4.06	0.151				
	Campbell	10	4.14	0.190				
	DK 539	10	4.17	0.142				
	DK 537	10	4.23	0.206				
2					0.551	0.490	0.237	0.355
	NK603_11	10	4.33	0.142				
	NK603_33	10	4.25	0.217				
	Par_11	10	4.26	0.171				
	Par_33	10	4.37	0.302				
	Crows	10	4.34	0.255				
	Pioneer	10	4.38	0.215				
	Cropland	10	4.20	0.183				
	Campbell	10	4.26	0.207				
	DK 539	10	4.40	0.231				
	DK 537	10	4.35	0.284				

Table 7. CHEM Data, Alkaline Phosphatase - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.368	0.880	0.926	0.171
	NK603_11	10	140.30	9.322				
	NK603_33	10	128.80	20.027				
	Par_11	10	141.30	13.491				
	Par_33	10	128.20	21.643				
	Crows	10	130.20	12.300				
	Pioneer	10	154.00	32.345				
	Cropland	10	133.80	35.577				
	Campbell	10	138.60	22.222				
	DK 539	10	152.40	24.852				
	DK 537	10	150.70	49.502				
2					0.482	0.794	0.785	0.175
	NK603_11	10	83.80	13.588				
	NK603_33	10	77.90	9.803				
	Par_11	10	81.80	18.426				
	Par_33	10	75.90	13.486				
	Crows	10	79.30	12.859				
	Pioneer	10	90.30	13.275				
	Cropland	10	85.80	21.343				
	Campbell	10	84.40	10.222				
	DK 539	10	89.40	11.257				
	DK 537	10	87.00	25.803				

Table 7. CHEM Data, Alanine Aminotransferase - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.102	0.935	0.238	0.104
	NK603_11	10	36.70	4.244				
	NK603_33	10	35.60	6.703				
	Par_11	10	36.90	5.259				
	Par_33	10	38.50	5.482				
	Crows	10	37.40	5.060				
	Pioneer	10	43.40	4.648				
	Cropland	10	38.10	7.062				
	Campbell	10	36.40	5.985				
	DK 539	10	36.90	3.178				
	DK 537	10	39.80	5.865				
2					0.181	0.683	0.907	0.060
	NK603_11	10	40.90	6.935				
	NK603_33	10	39.20	4.341				
	Par_11	10	39.50	6.916				
	Par_33	10	39.60	7.834				
	Crows	10	41.00	5.416				
	Pioneer	10	46.30	9.178				
	Cropland	10	45.10	7.824				
	Campbell	10	45.20	11.641				
	DK 539	10	46.10	7.385				
	DK 537	10	41.30	6.550				

Table 7. CHEM Data, Aspartate Aminotransferase - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.476	0.921	0.133	0.281
	NK603_11	10	101.50	10.669				
	NK603_33	10	104.10	19.365				
	Par_11	10	106.60	25.325				
	Par_33	10	118.60	28.578				
	Crows	10	110.50	22.337				
	Pioneer	10	104.40	17.018				
	Cropland	10	101.20	14.390				
	Campbell	10	103.60	8.003				
	DK 539	10	109.90	7.666				
	DK 537	10	115.30	16.760				
2					0.182	0.429	0.276	0.131
	NK603_11	10	77.60	10.501				
	NK603_33	10	78.00	7.409				
	Par_11	10	81.80	12.656				
	Par_33	10	83.80	14.973				
	Crows	10	82.10	9.504				
	Pioneer	10	80.40	9.119				
	Cropland	10	88.60	13.786				
	Campbell	10	87.10	18.236				
	DK 539	10	89.30	9.878				
	DK 537	10	77.40	7.442				

Table 7. CHEM Data, Total Bilirubin[1] - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.191	0.313	0.477	0.845
	NK603_11	10	0.13	0.048				
	NK603_33	10	0.13	0.048				
	Par_11	10	0.11	0.032				
	Par_33	9	0.14	0.053				
	Crows	9	0.12	0.044				
	Pioneer	10	0.16	0.052				
	Cropland	10	0.11	0.032				
	Campbell	10	0.12	0.042				
	DK 539	10	0.14	0.052				
	DK 537	10	0.11	0.032				
2					0.541	1.000	1.000	0.701
	NK603_11	6	0.20	0.000				
	NK603_33	4	0.20	0.000				
	Par_11	4	0.20	0.000				
	Par_33	5	0.20	0.000				
	Crows	6	0.22	0.041				
	Pioneer	6	0.20	0.000				
	Cropland	6	0.20	0.000				
	Campbell	7	0.20	0.000				
	DK 539	7	0.20	0.000				
	DK 537	4	0.20	0.000				

[1]Results that were below the limit of quantitation were not included in the statistical analysis

Table 7. CHEM Data, Blood Urea Nitrogen - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					< 0.001	0.018	0.019	0.025
	NK603_11	10	12.10	0.913				
	NK603_33	10	12.93	1.489				
	Par_11	10	14.02	1.922				
	Par_33	10	14.84	2.376				
	Crows	10	15.50	2.240				
	Pioneer	10	15.43	1.753				
	Cropland	10	14.32	1.366				
	Campbell	10	13.04	1.688				
	DK 539	10	14.23	2.268				
	DK 537	10	13.37	1.198				
2					0.165	0.920	0.035	0.901
	NK603_11	10	15.71	1.097				
	NK603_33	10	16.21	1.936				
	Par_11	10	15.82	1.923				
	Par_33	10	18.53	4.795				
	Crows	10	16.81	3.128				
	Pioneer	10	16.90	2.218				
	Cropland	10	16.51	2.040				
	Campbell	10	15.38	1.650				
	DK 539	10	16.81	1.991				
	DK 537	10	15.47	1.317				

Table 7. CHEM Data, Calcium - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.360	0.071	0.071	0.078
	NK603_11	10	10.12	0.368				
	NK603_33	10	9.70	0.374				
	Par_11	10	9.85	0.232				
	Par_33	10	9.97	0.383				
	Crows	10	9.83	0.287				
	Pioneer	10	9.85	0.280				
	Cropland	10	9.94	0.171				
	Campbell	10	9.96	0.381				
	DK 539	10	9.89	0.264				
	DK 537	10	9.94	0.462				
2					0.777	0.494	0.549	0.933
	NK603_11	10	11.34	0.317				
	NK603_33	10	11.41	0.325				
	Par_11	10	11.18	0.478				
	Par_33	10	11.55	0.409				
	Crows	10	11.41	0.208				
	Pioneer	10	11.30	0.658				
	Cropland	10	11.20	0.411				
	Campbell	10	11.44	0.768				
	DK 539	10	11.47	0.710				
	DK 537	10	11.55	0.611				

Table 7. CHEM Data, Creatinine - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.038	0.005	0.014	0.012
	NK603_11	10	0.24	0.070				
	NK603_33	10	0.24	0.070				
	Par_11	10	0.32	0.063				
	Par_33	10	0.31	0.032				
	Crows	10	0.29	0.074				
	Pioneer	10	0.31	0.074				
	Cropland	10	0.28	0.079				
	Campbell	10	0.28	0.042				
	DK 539	10	0.31	0.057				
	DK 537	10	0.30	0.047				
2					0.402	0.671	0.671	0.781
	NK603_11	10	0.53	0.067				
	NK603_33	10	0.54	0.052				
	Par_11	10	0.54	0.052				
	Par_33	10	0.55	0.053				
	Crows	10	0.52	0.042				
	Pioneer	10	0.56	0.052				
	Cropland	10	0.52	0.042				
	Campbell	10	0.51	0.057				
	DK 539	10	0.56	0.052				
	DK 537	10	0.54	0.052				

Table 7. CHEM Data, Gamma Glutamyl Transferase - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.191	1.000	0.079	0.178
	NK603_11	10	0.00	0.000				
	NK603_33	10	0.20	0.422				
	Par_11	10	0.00	0.000				
	Par_33	10	0.00	0.000				
	Crows	10	0.20	0.422				
	Pioneer	10	0.20	0.422				
	Cropland	10	0.00	0.000				
	Campbell	10	0.00	0.000				
	DK 539	10	0.10	0.316				
	DK 537	10	0.00	0.000				

For period 2 all data were below the analytical detection limit

Table 7. CHEM Data, Glucose - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.772	0.584	0.151	0.627
	NK603_11	10	103.70	9.696				
	NK603_33	10	109.90	13.948				
	Par_11	10	106.70	13.663				
	Par_33	10	102.00	6.912				
	Crows	10	106.30	19.810				
	Pioneer	10	108.90	10.588				
	Cropland	10	110.60	13.509				
	Campbell	10	109.90	9.550				
	DK 539	10	103.40	9.698				
	DK 537	10	108.10	9.723				
2					0.453	0.774	0.226	0.125
	NK603_11	10	212.00	32.400				
	NK603_33	10	226.70	42.534				
	Par_11	10	207.80	23.127				
	Par_33	10	208.90	35.980				
	Crows	10	199.10	30.942				
	Pioneer	10	203.90	26.781				
	Cropland	10	200.10	30.425				
	Campbell	10	230.40	36.142				
	DK 539	10	212.60	22.067				
	DK 537	10	210.40	39.878				

Table 7. CHEM Data, Phosphorus - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.033	0.457	0.008	0.442
	NK603_11	10	7.56	0.360				
	NK603_33	10	7.48	0.537				
	Par_11	10	7.41	0.418				
	Par_33	10	8.02	0.457				
	Crows	10	7.39	0.603				
	Pioneer	10	7.41	0.420				
	Cropland	10	7.72	0.368				
	Campbell	10	7.84	0.398				
	DK 539	10	7.68	0.391				
	DK 537	10	7.55	0.474				
2					0.365	0.725	0.205	0.683
	NK603_11	10	10.35	1.128				
	NK603_33	10	10.37	1.328				
	Par_11	10	10.12	1.173				
	Par_33	10	11.20	1.530				
	Crows	10	9.47	1.143				
	Pioneer	10	10.28	0.835				
	Cropland	10	9.79	1.496				
	Campbell	10	10.23	0.997				
	DK 539	10	10.85	2.442				
	DK 537	10	10.38	1.794				

Table 7. CHEM Data, Total Protein - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.491	0.350	0.243	0.733
	NK603_11	10	6.48	0.140				
	NK603_33	10	6.27	0.258				
	Par_11	10	6.36	0.241				
	Par_33	10	6.42	0.385				
	Crows	10	6.20	0.400				
	Pioneer	10	6.32	0.220				
	Cropland	10	6.39	0.238				
	Campbell	10	6.32	0.286				
	DK 539	10	6.22	0.274				
	DK 537	10	6.37	0.316				
2					0.894	0.269	0.712	0.697
	NK603_11	10	6.77	0.343				
	NK603_33	10	6.71	0.367				
	Par_11	10	6.59	0.247				
	Par_33	10	6.77	0.523				
	Crows	10	6.68	0.439				
	Pioneer	10	6.73	0.368				
	Cropland	10	6.86	0.222				
	Campbell	10	6.70	0.287				
	DK 539	10	6.84	0.344				
	DK 537	10	6.74	0.384				

Table 7. CHEM Data, Sodium - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.010	0.899	0.704	0.001
	NK603_11	10	145.00	1.764				
	NK603_33	10	144.50	1.269				
	Par_11	10	145.10	1.449				
	Par_33	10	144.80	1.932				
	Crows	10	146.10	2.601				
	Pioneer	10	146.40	1.265				
	Cropland	10	146.30	1.160				
	Campbell	10	146.70	1.567				
	DK 539	10	146.50	1.716				
	DK 537	10	147.00	2.309				
2					0.588	0.530	0.480	0.526
	NK603_11	10	147.30	2.584				
	NK603_33	10	148.10	2.644				
	Par_11	10	148.10	2.885				
	Par_33	10	149.00	2.944				
	Crows	10	149.00	2.708				
	Pioneer	10	147.50	2.068				
	Cropland	10	149.10	2.183				
	Campbell	10	148.60	2.119				
	DK 539	10	150.00	4.643				
	DK 537	10	148.10	2.726				

Table 7. CHEM Data, Potassium - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.932	0.571	0.627	0.459
	NK603_11	10	4.96	0.306				
	NK603_33	10	4.91	0.191				
	Par_11	10	4.89	0.351				
	Par_33	10	4.97	0.291				
	Crows	10	4.91	0.285				
	Pioneer	10	4.98	0.220				
	Cropland	10	5.03	0.275				
	Campbell	10	4.98	0.368				
	DK 539	10	4.92	0.199				
	DK 537	10	5.06	0.201				
2					0.903	0.632	0.805	0.666
	NK603_11	10	7.58	1.942				
	NK603_33	10	7.52	0.995				
	Par_11	10	7.27	1.425				
	Par_33	10	7.68	1.622				
	Crows	10	6.86	1.602				
	Pioneer	10	7.92	1.496				
	Cropland	10	7.12	1.044				
	Campbell	10	7.29	1.512				
	DK 539	10	7.47	1.330				
	DK 537	10	7.18	1.218				

Table 7. CHEM Data, Chloride - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					< 0.001	0.337	0.263	< 0.001
	NK603_11	10	96.30	1.337				
	NK603_33	10	96.00	1.155				
	Par_11	10	96.90	1.287				
	Par_33	10	96.70	1.567				
	Crows	10	97.60	1.647				
	Pioneer	10	98.40	1.174				
	Cropland	10	98.10	1.524				
	Campbell	10	98.10	1.197				
	DK 539	10	97.50	1.434				
	DK 537	10	98.80	1.476				
2					0.148	0.218	0.152	0.026
	NK603_11	10	99.80	1.989				
	NK603_33	10	100.40	1.174				
	Par_11	10	101.20	1.874				
	Par_33	10	101.90	2.025				
	Crows	10	101.70	1.767				
	Pioneer	10	102.00	2.582				
	Cropland	10	102.40	2.675				
	Campbell	10	102.10	3.784				
	DK 539	10	103.40	3.098				
	DK 537	10	102.40	4.115				

Table 7. CHEM Data, Globulin - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.039	0.178	1.000	0.287
	NK603_11	10	2.35	0.178				
	NK603_33	10	2.23	0.241				
	Par_11	10	2.22	0.210				
	Par_33	10	2.23	0.258				
	Crows	10	2.12	0.270				
	Pioneer	10	2.09	0.179				
	Cropland	10	2.33	0.211				
	Campbell	10	2.18	0.193				
	DK 539	10	2.05	0.172				
	DK 537	10	2.14	0.207				
2					0.083	0.276	0.552	0.762
	NK603_11	10	2.44	0.232				
	NK603_33	10	2.46	0.255				
	Par_11	10	2.33	0.216				
	Par_33	10	2.40	0.313				
	Crows	10	2.34	0.232				
	Pioneer	10	2.35	0.196				
	Cropland	10	2.66	0.250				
	Campbell	10	2.44	0.207				
	DK 539	10	2.44	0.165				
	DK 537	10	2.39	0.129				

Table 7. CHEM Data, Albumin/Globulin Ratio - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.004	0.193	0.420	0.068
	NK603_11	10	1.77	0.176				
	NK603_33	10	1.83	0.193				
	Par_11	10	1.88	0.178				
	Par_33	10	1.90	0.211				
	Crows	10	1.95	0.216				
	Pioneer	10	2.04	0.187				
	Cropland	10	1.76	0.184				
	Campbell	10	1.91	0.174				
	DK 539	10	2.04	0.153				
	DK 537	10	1.99	0.200				
2					0.009	0.420	0.174	0.427
	NK603_11	10	1.79	0.142				
	NK603_33	10	1.74	0.188				
	Par_11	10	1.84	0.191				
	Par_33	10	1.84	0.194				
	Crows	10	1.86	0.137				
	Pioneer	10	1.87	0.124				
	Cropland	10	1.59	0.195				
	Campbell	10	1.76	0.171				
	DK 539	10	1.81	0.108				
	DK 537	10	1.82	0.087				

Table 7. CHEM Data, Albumin - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.002	0.023	0.249	0.132
	NK603_11	10	4.55	0.232				
	NK603_33	10	4.46	0.126				
	Par_11	10	4.79	0.354				
	Par_33	10	4.58	0.148				
	Crows	10	4.54	0.190				
	Pioneer	10	4.43	0.302				
	Cropland	10	4.68	0.215				
	Campbell	10	4.43	0.211				
	DK 539	10	4.63	0.226				
	DK 537	10	4.77	0.221				
2					0.209	0.029	0.518	0.135
	NK603_11	10	5.13	0.638				
	NK603_33	9	5.09	0.414				
	Par_11	10	5.60	0.577				
	Par_33	9	5.23	0.453				
	Crows	10	5.26	0.360				
	Pioneer	10	5.36	0.580				
	Cropland	9	5.33	0.354				
	Campbell	10	5.12	0.270				
	DK 539	10	5.52	0.483				
	DK 537	10	5.47	0.442				

Table 7. CHEM Data, Alkaline Phosphatase - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.799	0.324	0.729	0.469
	NK603_11	10	84.50	18.465				
	NK603_33	10	76.60	10.721				
	Par_11	10	76.80	16.725				
	Par_33	10	73.90	17.143				
	Crows	10	77.90	14.075				
	Pioneer	10	83.30	17.994				
	Cropland	10	86.00	24.873				
	Campbell	10	79.30	15.910				
	DK 539	10	83.40	10.178				
	DK 537	10	75.60	22.077				
2					0.365	0.030	0.249	0.932
	NK603_11	10	53.00	12.693				
	NK603_33	9	47.56	12.591				
	Par_11	10	41.10	7.724				
	Par_33	10	41.10	9.550				
	Crows	10	42.70	8.795				
	Pioneer	10	45.60	9.617				
	Cropland	10	50.20	13.990				
	Campbell	10	48.30	12.065				
	DK 539	10	46.30	9.569				
	DK 537	10	50.00	19.793				

Table 7. CHEM Data, Alanine Aminotransferase - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.449	0.712	0.758	0.091
	NK603_11	10	35.00	11.096				
	NK603_33	10	30.10	3.695				
	Par_11	10	36.80	8.677				
	Par_33	10	31.60	5.758				
	Crows	10	39.70	23.310				
	Pioneer	10	36.20	7.941				
	Cropland	10	35.30	10.636				
	Campbell	10	34.90	6.590				
	DK 539	10	40.80	12.118				
	DK 537	10	31.80	5.095				
2					0.729	0.440	0.439	0.254
	NK603_11	10	82.00	105.808				
	NK603_33	9	38.78	6.888				
	Par_11	10	64.30	40.985				
	Par_33	10	57.00	52.614				
	Crows	10	54.30	35.182				
	Pioneer	10	61.10	22.328				
	Cropland	10	61.50	40.522				
	Campbell	10	58.20	37.240				
	DK 539	10	79.10	70.218				
	DK 537	10	43.90	17.629				

Table 7. CHEM Data, Aspartate Aminotransferase - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.700	0.643	0.643	0.582
	NK603_11	10	95.90	20.989				
	NK603_33	10	92.00	14.704				
	Par_11	10	100.10	16.696				
	Par_33	10	96.20	14.274				
	Crows	10	99.90	30.098				
	Pioneer	10	96.50	15.124				
	Cropland	10	87.20	18.353				
	Campbell	10	103.50	25.444				
	DK 539	10	99.80	23.649				
	DK 537	10	88.00	16.275				
2					0.595	0.647	0.285	0.412
	NK603_11	10	142.70	158.255				
	NK603_33	9	81.00	9.798				
	Par_11	10	127.20	82.378				
	Par_33	10	118.20	95.586				
	Crows	10	93.40	21.732				
	Pioneer	10	100.50	23.927				
	Cropland	10	99.70	37.339				
	Campbell	10	101.40	43.592				
	DK 539	10	139.30	102.607				
	DK 537	10	84.90	14.341				

Table 7. CHEM Data, Total Bilirubin[1] - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.899	0.570	0.559	0.437
	NK603_11	10	0.11	0.032				
	NK603_33	10	0.11	0.032				
	Par_11	9	0.10	0.000				
	Par_33	10	0.12	0.042				
	Crows	10	0.12	0.042				
	Pioneer	10	0.12	0.042				
	Cropland	10	0.12	0.042				
	Campbell	10	0.13	0.048				
	DK 539	10	0.12	0.042				
	DK 537	9	0.11	0.033				
2					0.653	0.178	1.000	0.601
	NK603_11	7	0.21	0.038				
	NK603_33	8	0.20	0.000				
	Par_11	7	0.20	0.000				
	Par_33	7	0.20	0.000				
	Crows	7	0.20	0.000				
	Pioneer	8	0.21	0.035				
	Cropland	9	0.21	0.033				
	Campbell	8	0.20	0.000				
	DK 539	9	0.20	0.000				
	DK 537	8	0.20	0.000				

[1]Results that were below the limit of quantitation were not included in the statistical analysis

Table 7. CHEM Data, Blood Urea Nitrogen - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.313	0.081	0.037	0.310
	NK603_11	10	17.38	3.589				
	NK603_33	10	15.15	1.604				
	Par_11	10	15.38	2.115				
	Par_33	10	17.55	3.973				
	Crows	10	15.48	1.698				
	Pioneer	10	16.66	1.839				
	Cropland	10	15.29	1.972				
	Campbell	10	16.70	3.348				
	DK 539	10	15.90	1.938				
	DK 537	10	16.18	1.887				
2					0.551	0.724	0.187	0.156
	NK603_11	10	18.82	3.521				
	NK603_33	9	17.97	2.531				
	Par_11	10	18.39	1.918				
	Par_33	9	19.67	2.132				
	Crows	10	19.11	3.036				
	Pioneer	10	19.87	1.898				
	Cropland	10	18.27	2.823				
	Campbell	10	20.54	3.258				
	DK 539	10	19.62	2.604				
	DK 537	10	18.72	2.828				

Table 7. CHEM Data, Calcium - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.039	0.797	0.179	0.006
	NK603_11	10	10.31	0.325				
	NK603_33	10	9.93	0.371				
	Par_11	10	10.35	0.310				
	Par_33	10	10.14	0.291				
	Crows	10	10.19	0.378				
	Pioneer	10	10.21	0.228				
	Cropland	10	10.27	0.279				
	Campbell	10	10.10	0.302				
	DK 539	10	10.32	0.434				
	DK 537	10	10.51	0.475				
2					0.831	0.808	0.325	0.167
	NK603_11	10	11.82	0.738				
	NK603_33	9	11.60	0.579				
	Par_11	10	11.89	0.588				
	Par_33	9	11.90	0.606				
	Crows	10	11.61	0.654				
	Pioneer	10	12.00	0.837				
	Cropland	10	12.04	0.438				
	Campbell	10	11.98	0.611				
	DK 539	10	11.94	0.693				
	DK 537	10	11.95	0.595				

Table 7. CHEM Data, Creatinine - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.861	0.555	0.079	0.368
	NK603_11	10	0.30	0.047				
	NK603_33	10	0.29	0.088				
	Par_11	10	0.32	0.042				
	Par_33	10	0.35	0.053				
	Crows	10	0.30	0.094				
	Pioneer	10	0.31	0.057				
	Cropland	10	0.31	0.088				
	Campbell	10	0.32	0.092				
	DK 539	10	0.33	0.067				
	DK 537	10	0.31	0.099				
2					0.265	0.367	0.965	0.795
	NK603_11	10	0.57	0.067				
	NK603_33	9	0.60	0.000				
	Par_11	10	0.59	0.032				
	Par_33	9	0.61	0.093				
	Crows	10	0.61	0.057				
	Pioneer	10	0.63	0.048				
	Cropland	10	0.60	0.000				
	Campbell	10	0.58	0.042				
	DK 539	10	0.62	0.042				
	DK 537	10	0.59	0.074				

Table 7. CHEM Data, Gamma Glutamyl Transferase - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.464	0.527	0.527	0.782
	NK603_11	10	0.20	0.422				
	NK603_33	10	0.50	0.850				
	Par_11	10	0.40	0.699				
	Par_33	10	0.30	0.483				
	Crows	10	0.50	0.850				
	Pioneer	10	0.50	0.707				
	Cropland	10	0.70	0.823				
	Campbell	10	0.20	0.422				
	DK 539	10	0.90	0.876				
	DK 537	10	0.60	0.699				

For period 2 all data were below the analytical detection limit

Table 7. CHEM Data, Glucose - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.865	0.780	0.577	0.531
	NK603_11	10	109.80	10.861				
	NK603_33	10	115.00	13.149				
	Par_11	10	111.50	11.078				
	Par_33	10	111.60	16.621				
	Crows	10	108.90	9.362				
	Pioneer	10	108.90	12.853				
	Cropland	10	109.40	10.013				
	Campbell	10	117.80	19.418				
	DK 539	10	115.20	15.447				
	DK 537	10	112.30	13.516				
2					0.416	0.301	0.829	0.771
	NK603_11	10	159.90	37.887				
	NK603_33	9	185.33	36.936				
	Par_11	10	175.10	32.223				
	Par_33	9	182.00	34.993				
	Crows	10	170.50	26.634				
	Pioneer	10	198.20	38.703				
	Cropland	10	182.10	27.590				
	Campbell	10	172.60	28.570				
	DK 539	10	179.90	34.096				
	DK 537	10	188.20	27.055				

Table 7. CHEM Data, Phosphorus - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.241	0.624	0.044	0.013
	NK603_11	10	6.55	0.499				
	NK603_33	10	6.01	0.619				
	Par_11	10	6.42	0.394				
	Par_33	10	6.55	0.817				
	Crows	10	6.64	0.926				
	Pioneer	10	6.70	0.483				
	Cropland	10	6.39	0.567				
	Campbell	10	6.71	0.456				
	DK 539	10	6.44	0.523				
	DK 537	10	6.27	0.389				
2					0.313	0.526	0.269	0.915
	NK603_11	10	9.52	1.457				
	NK603_33	9	9.54	0.933				
	Par_11	10	9.15	1.160				
	Par_33	10	8.88	1.086				
	Crows	10	8.84	1.388				
	Pioneer	10	9.17	1.519				
	Cropland	10	9.39	1.537				
	Campbell	10	10.39	1.521				
	DK 539	10	9.49	0.999				
	DK 537	10	9.69	1.169				

Table 7. CHEM Data, Total Protein - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.027	0.100	0.302	0.224
	NK603_11	10	6.62	0.326				
	NK603_33	10	6.51	0.152				
	Par_11	10	6.86	0.369				
	Par_33	10	6.66	0.207				
	Crows	10	6.51	0.345				
	Pioneer	10	6.64	0.347				
	Cropland	10	6.81	0.277				
	Campbell	10	6.38	0.305				
	DK 539	10	6.76	0.462				
	DK 537	10	6.77	0.337				
2					0.193	0.080	0.330	0.305
	NK603_11	10	7.42	0.678				
	NK603_33	9	7.37	0.343				
	Par_11	10	7.82	0.590				
	Par_33	9	7.60	0.453				
	Crows	10	7.32	0.466				
	Pioneer	10	7.64	0.636				
	Cropland	10	7.69	0.567				
	Campbell	10	7.28	0.210				
	DK 539	10	7.76	0.521				
	DK 537	10	7.63	0.383				

Table 7. CHEM Data, Sodium - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					< 0.001	0.290	1.000	< 0.001
	NK603_11	10	144.80	1.317				
	NK603_33	10	145.00	0.816				
	Par_11	10	145.30	1.059				
	Par_33	10	145.00	0.943				
	Crows	10	145.60	1.430				
	Pioneer	10	146.20	0.789				
	Cropland	10	146.20	1.135				
	Campbell	10	146.50	1.080				
	DK 539	10	146.50	0.972				
	DK 537	10	146.90	0.738				
2					0.177	0.355	0.336	0.025
	NK603_11	10	149.80	2.821				
	NK603_33	9	148.11	1.616				
	Par_11	10	148.50	2.461				
	Par_33	10	149.50	2.506				
	Crows	10	150.10	2.424				
	Pioneer	10	149.70	1.636				
	Cropland	10	151.60	2.875				
	Campbell	10	152.00	6.254				
	DK 539	10	150.60	3.307				
	DK 537	10	149.90	2.644				

Table 7. CHEM Data, Potassium - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.683	0.666	0.350	0.189
	NK603_11	10	4.79	0.166				
	NK603_33	10	4.62	0.257				
	Par_11	10	4.73	0.106				
	Par_33	10	4.75	0.369				
	Crows	10	4.65	0.303				
	Pioneer	10	4.86	0.470				
	Cropland	10	4.64	0.392				
	Campbell	10	4.83	0.241				
	DK 539	10	4.78	0.346				
	DK 537	10	4.80	0.271				
2					0.077	0.331	0.020	0.063
	NK603_11	10	7.69	0.687				
	NK603_33	9	8.22	0.580				
	Par_11	10	7.32	0.839				
	Par_33	10	7.30	0.485				
	Crows	10	7.33	0.942				
	Pioneer	10	7.75	0.936				
	Cropland	10	7.12	0.868				
	Campbell	10	7.86	1.033				
	DK 539	10	7.78	0.675				
	DK 537	10	8.08	1.154				

Table 7. CHEM Data, Chloride - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.005	0.756	0.877	0.027
	NK603_11	10	97.40	2.319				
	NK603_33	10	97.70	1.160				
	Par_11	10	97.20	1.398				
	Par_33	10	97.80	1.398				
	Crows	10	98.30	2.163				
	Pioneer	10	98.50	1.179				
	Cropland	10	98.50	1.080				
	Campbell	10	98.70	0.949				
	DK 539	10	99.40	1.075				
	DK 537	10	99.40	0.843				
2					0.356	0.033	1.000	0.219
	NK603_11	10	105.80	3.120				
	NK603_33	9	104.11	1.537				
	Par_11	10	103.30	3.129				
	Par_33	9	104.11	2.522				
	Crows	10	105.30	2.452				
	Pioneer	10	104.50	2.550				
	Cropland	10	105.20	1.476				
	Campbell	10	106.10	3.573				
	DK 539	10	105.50	2.121				
	DK 537	10	104.90	2.378				

Table 7. CHEM Data, Globulin - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.242	1.000	0.760	0.841
	NK603_11	10	2.07	0.164				
	NK603_33	10	2.05	0.196				
	Par_11	10	2.07	0.170				
	Par_33	10	2.08	0.155				
	Crows	10	1.97	0.226				
	Pioneer	10	2.21	0.233				
	Cropland	10	2.13	0.170				
	Campbell	10	1.95	0.222				
	DK 539	10	2.13	0.333				
	DK 537	10	2.00	0.254				
2					0.290	0.517	0.436	0.285
	NK603_11	10	2.29	0.208				
	NK603_33	9	2.28	0.254				
	Par_11	10	2.22	0.270				
	Par_33	9	2.37	0.343				
	Crows	10	2.06	0.135				
	Pioneer	10	2.28	0.140				
	Cropland	9	2.21	0.183				
	Campbell	10	2.16	0.246				
	DK 539	10	2.24	0.232				
	DK 537	10	2.16	0.317				

Table 7. CHEM Data, Albumin/Globulin Ratio - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.106	0.300	0.884	0.544
	NK603_11	10	2.21	0.174				
	NK603_33	10	2.20	0.245				
	Par_11	10	2.33	0.267				
	Par_33	10	2.21	0.184				
	Crows	10	2.33	0.256				
	Pioneer	10	2.03	0.255				
	Cropland	10	2.21	0.206				
	Campbell	10	2.30	0.267				
	DK 539	10	2.22	0.346				
	DK 537	10	2.42	0.351				
2					0.240	0.056	0.935	0.119
	NK603_11	10	2.25	0.315				
	NK603_33	9	2.27	0.401				
	Par_11	10	2.56	0.443				
	Par_33	9	2.26	0.397				
	Crows	10	2.56	0.135				
	Pioneer	10	2.35	0.242				
	Cropland	9	2.43	0.297				
	Campbell	10	2.40	0.353				
	DK 539	10	2.49	0.357				
	DK 537	10	2.59	0.489				

Table 8. URIN Data, Urine Calcium - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.792	0.910	0.279	0.837
	NK603_11	9	4.17	2.198				
	NK603_33	10	4.44	1.595				
	Par_11	10	4.28	2.041				
	Par_33	10	5.50	3.478				
	Crows	9	3.86	1.570				
	Pioneer	10	4.78	1.174				
	Cropland	9	3.53	1.045				
	Campbell	10	4.30	1.312				
	DK 539	10	4.40	3.441				
	DK 537	10	4.85	2.148				
2					0.774	0.455	0.172	0.224
	NK603_11	9	6.83	3.473				
	NK603_33	10	8.29	3.454				
	Par_11	10	5.59	2.736				
	Par_33	9	6.01	1.631				
	Crows	10	7.91	4.430				
	Pioneer	10	7.04	5.871				
	Cropland	9	5.79	2.731				
	Campbell	10	5.94	2.052				
	DK 539	10	7.14	4.427				
	DK 537	9	6.86	2.818				

Table 8. URIN Data, Urine Absolute Creatinine level - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.181	0.034	0.995	0.190
	NK603_11	9	104.37	21.603				
	NK603_33	10	116.22	21.120				
	Par_11	10	134.11	45.483				
	Par_33	10	116.14	19.472				
	Crows	9	131.97	37.967				
	Pioneer	10	139.91	35.329				
	Cropland	9	113.36	22.224				
	Campbell	10	125.95	32.195				
	DK 539	10	136.25	30.915				
	DK 537	10	131.61	22.089				
2					0.489	0.335	0.870	0.330
	NK603_11	9	154.59	47.547				
	NK603_33	10	162.46	30.311				
	Par_11	10	175.35	47.197				
	Par_33	9	158.96	81.423				
	Crows	10	201.70	51.426				
	Pioneer	10	163.69	41.011				
	Cropland	9	168.07	17.705				
	Campbell	10	165.44	47.444				
	DK 539	10	183.32	35.180				
	DK 537	9	186.36	42.353				

Table 8. URIN Data, Urine Phosphorous - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					< 0.001	0.187	0.002	0.209
	NK603_11	9	177.30	28.726				
	NK603_33	10	185.38	35.189				
	Par_11	10	208.41	69.569				
	Par_33	10	110.73	27.389				
	Crows	9	208.34	51.443				
	Pioneer	10	203.70	50.559				
	Cropland	9	187.28	43.167				
	Campbell	10	204.47	70.654				
	DK 539	10	229.72	61.838				
	DK 537	10	211.16	46.374				
2					< 0.001	0.423	< 0.001	0.804
	NK603_11	9	168.54	33.492				
	NK603_33	10	174.77	30.831				
	Par_11	10	187.19	62.623				
	Par_33	9	88.69	59.581				
	Crows	10	202.01	56.489				
	Pioneer	10	150.60	42.892				
	Cropland	9	183.31	47.222				
	Campbell	10	171.01	58.556				
	DK 539	10	189.82	44.672				
	DK 537	9	177.68	56.214				

Table 8. URIN Data, Urine Protein - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.062	0.079	0.925	0.140
	NK603_11	9	97.44	35.011				
	NK603_33	10	105.90	30.614				
	Par_11	10	126.60	51.780				
	Par_33	10	104.40	40.139				
	Crows	9	130.33	40.921				
	Pioneer	10	141.90	35.986				
	Cropland	9	111.67	23.071				
	Campbell	10	117.20	36.869				
	DK 539	10	104.10	16.231				
	DK 537	10	139.50	33.821				
2					0.355	0.912	0.472	0.251
	NK603_11	9	149.22	31.725				
	NK603_33	10	132.80	24.679				
	Par_11	10	153.80	63.515				
	Par_33	9	162.67	153.968				
	Crows	10	193.90	90.829				
	Pioneer	10	129.90	28.231				
	Cropland	9	193.33	132.218				
	Campbell	10	149.50	67.876				
	DK 539	10	126.00	38.793				
	DK 537	9	217.44	149.719				

Table 8. URIN Data, Urine Sodium - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.413	0.740	0.615	0.907
	NK603_11	9	41.56	20.094				
	NK603_33	10	39.20	14.868				
	Par_11	10	44.00	17.404				
	Par_33	10	35.60	16.311				
	Crows	9	31.44	11.114				
	Pioneer	10	45.80	18.462				
	Cropland	9	36.89	8.418				
	Campbell	10	42.60	12.877				
	DK 539	10	34.70	12.383				
	DK 537	10	47.60	21.859				
2					0.154	0.338	0.167	0.375
	NK603_11	9	49.44	25.822				
	NK603_33	10	43.20	13.685				
	Par_11	10	40.30	23.791				
	Par_33	9	30.00	12.329				
	Crows	10	42.80	16.685				
	Pioneer	10	42.00	27.435				
	Cropland	9	49.56	21.995				
	Campbell	10	50.20	11.545				
	DK 539	10	50.70	13.905				
	DK 537	9	61.78	30.003				

Table 8. URIN Data, Urine Potassium - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.408	0.054	0.428	0.877
	NK603_11	9	171.06	21.746				
	NK603_33	10	209.25	40.295				
	Par_11	10	227.20	92.594				
	Par_33	10	191.65	40.506				
	Crows	9	217.44	46.649				
	Pioneer	10	225.50	58.743				
	Cropland	9	197.22	45.638				
	Campbell	10	209.85	53.402				
	DK 539	10	220.65	47.985				
	DK 537	10	205.65	42.220				
2					0.036	0.600	0.020	0.746
	NK603_11	9	205.78	49.788				
	NK603_33	10	223.90	38.009				
	Par_11	10	218.45	57.362				
	Par_33	9	166.72	68.855				
	Crows	10	251.10	59.050				
	Pioneer	10	197.90	39.011				
	Cropland	9	239.67	27.453				
	Campbell	10	213.60	54.451				
	DK 539	10	232.90	50.892				
	DK 537	9	243.22	65.604				

Table 8. URIN Data, Urine Chloride[1] - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.919	0.215	0.978	0.633
	NK603_11	9	63.78	22.426				
	NK603_33	10	73.50	20.609				
	Par_11	10	77.70	37.146				
	Par_33	10	73.20	22.375				
	Crows	9	68.44	36.746				
	Pioneer	10	75.20	22.145				
	Cropland	9	69.56	11.833				
	Campbell	10	69.60	23.090				
	DK 539	10	61.40	13.243				
	DK 537	10	72.90	20.572				
2					0.098	0.712	0.255	0.182
	NK603_11	9	69.67	27.363				
	NK603_33	10	69.30	24.829				
	Par_11	9	73.89	15.227				
	Par_33	9	56.56	17.292				
	Crows	10	84.70	19.517				
	Pioneer	10	67.40	29.684				
	Cropland	9	81.67	29.219				
	Campbell	10	74.10	23.881				
	DK 539	10	81.50	19.918				
	DK 537	9	93.33	29.623				

[1]Results that were below the limit of quantitation were not included in the statistical analysis

Table 8. URIN Data, Urine Creatinine Clearance - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.042	0.158	0.007	0.002
	NK603_11	9	0.79	0.335				
	NK603_33	10	0.84	0.197				
	Par_11	10	0.65	0.205				
	Par_33	10	0.59	0.142				
	Crows	7	0.59	0.137				
	Pioneer	10	0.62	0.239				
	Cropland	9	0.68	0.264				
	Campbell	10	0.64	0.121				
	DK 539	10	0.53	0.114				
	DK 537	10	0.63	0.145				
2					0.899	0.259	0.180	0.256
	NK603_11	9	0.23	0.071				
	NK603_33	10	0.24	0.029				
	Par_11	10	0.26	0.052				
	Par_33	9	0.27	0.048				
	Crows	10	0.26	0.072				
	Pioneer	10	0.25	0.037				
	Cropland	9	0.26	0.045				
	Campbell	10	0.26	0.051				
	DK 539	10	0.26	0.048				
	DK 537	9	0.25	0.062				

Table 8. URIN Data, Urine Volume - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.299	0.857	0.624	0.111
	NK603_11	9	7.39	2.342				
	NK603_33	10	7.20	2.017				
	Par_11	10	7.20	3.259				
	Par_33	10	6.70	2.124				
	Crows	9	5.56	2.455				
	Pioneer	10	5.55	2.153				
	Cropland	9	6.89	2.485				
	Campbell	10	6.50	1.764				
	DK 539	10	5.10	1.647				
	DK 537	10	6.10	2.119				
2					0.525	0.702	0.081	0.983
	NK603_11	9	6.00	1.620				
	NK603_33	10	6.20	2.440				
	Par_11	10	6.50	2.789				
	Par_33	9	8.50	6.042				
	Crows	10	5.15	2.199				
	Pioneer	10	6.75	2.648				
	Cropland	9	6.78	1.349				
	Campbell	10	6.80	2.098				
	DK 539	10	5.90	1.729				
	DK 537	9	5.94	2.920				

Table 8. URIN Data, pH - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.145	0.618	0.010	0.732
	NK603_11	9	6.78	0.264				
	NK603_33	10	6.70	0.350				
	Par_11	10	6.70	0.350				
	Par_33	10	7.10	0.316				
	Crows	9	6.61	0.333				
	Pioneer	10	6.85	0.242				
	Cropland	9	6.78	0.264				
	Campbell	10	6.80	0.422				
	DK 539	10	6.70	0.422				
	DK 537	10	6.70	0.350				
2					0.636	0.281	0.418	0.994
	NK603_11	9	6.78	0.264				
	NK603_33	10	6.70	0.258				
	Par_11	10	6.60	0.211				
	Par_33	9	6.83	0.354				
	Crows	10	6.55	0.284				
	Pioneer	10	6.75	0.354				
	Cropland	9	6.72	0.363				
	Campbell	10	6.85	0.580				
	DK 539	10	6.60	0.459				
	DK 537	9	6.72	0.264				

Table 8. URIN Data, Specific Gravity - Males

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.333	0.062	0.576	0.474
	NK603_11	9	1.03	0.005				
	NK603_33	10	1.04	0.006				
	Par_11	10	1.04	0.014				
	Par_33	10	1.04	0.006				
	Crows	9	1.04	0.009				
	Pioneer	10	1.04	0.009				
	Cropland	9	1.04	0.006				
	Campbell	10	1.04	0.009				
	DK 539	10	1.04	0.008				
	DK 537	10	1.04	0.007				
2					0.253	0.505	0.343	0.550
	NK603_11	9	1.04	0.009				
	NK603_33	10	1.05	0.007				
	Par_11	10	1.05	0.011				
	Par_33	9	1.04	0.018				
	Crows	10	1.05	0.012				
	Pioneer	10	1.04	0.009				
	Cropland	9	1.05	0.005				
	Campbell	10	1.04	0.010				
	DK 539	10	1.05	0.010				
	DK 537	9	1.05	0.011				

Table 8. URIN Data, Urine Calcium - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.130	0.254	0.021	0.242
	NK603_11	10	8.14	2.713				
	NK603_33	10	9.19	6.802				
	Par_11	10	10.45	4.768				
	Par_33	10	13.64	7.739				
	Crows	10	8.10	2.569				
	Pioneer	10	8.32	3.114				
	Cropland	9	8.83	7.392				
	Campbell	10	10.56	2.414				
	DK 539	10	8.64	3.259				
	DK 537	10	12.39	6.930				
2					0.088	0.413	0.004	0.745
	NK603_11	8	19.74	9.992				
	NK603_33	10	15.62	9.009				
	Par_11	9	24.13	14.073				
	Par_33	8	30.95	17.319				
	Crows	7	18.70	9.858				
	Pioneer	9	14.11	6.184				
	Cropland	8	14.74	4.975				
	Campbell	9	18.23	8.540				
	DK 539	9	16.46	7.651				
	DK 537	10	18.93	15.177				

Table 8. URIN Data, Urine Absolute Creatinine level - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.919	0.948	0.513	0.497
	NK603_11	10	116.07	31.026				
	NK603_33	10	124.17	50.240				
	Par_11	10	117.36	56.286				
	Par_33	10	111.34	16.181				
	Crows	10	117.20	46.060				
	Pioneer	10	117.65	50.769				
	Cropland	9	101.81	49.225				
	Campbell	10	115.64	24.475				
	DK 539	10	100.69	34.191				
	DK 537	10	130.93	57.733				
2					0.247	0.414	0.313	0.393
	NK603_11	8	157.48	31.934				
	NK603_33	10	125.00	45.066				
	Par_11	9	139.46	35.211				
	Par_33	8	146.74	56.514				
	Crows	7	153.26	32.192				
	Pioneer	9	116.56	33.860				
	Cropland	8	136.51	38.613				
	Campbell	9	127.97	51.413				
	DK 539	9	125.36	25.593				
	DK 537	10	170.72	72.299				

Table 8. URIN Data, Urine Phosphorous - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.383	0.944	0.074	0.625
	NK603_11	10	252.26	107.741				
	NK603_33	10	254.08	74.787				
	Par_11	10	255.08	89.485				
	Par_33	10	182.35	48.692				
	Crows	10	260.65	101.432				
	Pioneer	10	236.23	61.388				
	Cropland	9	202.14	104.236				
	Campbell	10	237.48	62.260				
	DK 539	10	218.23	83.166				
	DK 537	10	280.21	126.453				
2					0.060	0.418	0.242	0.246
	NK603_11	8	306.01	44.242				
	NK603_33	10	212.44	86.087				
	Par_11	9	273.64	52.586				
	Par_33	8	166.63	47.286				
	Crows	7	273.54	67.610				
	Pioneer	9	243.98	93.073				
	Cropland	8	231.43	90.733				
	Campbell	9	212.72	90.782				
	DK 539	9	249.38	101.128				
	DK 537	10	262.28	103.162				

Table 8. URIN Data, Urine Protein - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.950	0.719	0.412	0.639
	NK603_11	10	42.90	16.802				
	NK603_33	10	42.50	17.983				
	Par_11	10	39.40	26.534				
	Par_33	10	34.50	6.205				
	Crows	10	40.80	22.225				
	Pioneer	10	38.80	26.649				
	Cropland	9	33.22	20.741				
	Campbell	10	43.10	27.803				
	DK 539	10	33.70	17.500				
	DK 537	10	44.40	25.238				
2					0.133	0.054	0.334	0.156
	NK603_11	8	68.00	47.985				
	NK603_33	10	31.70	14.522				
	Par_11	9	42.67	10.500				
	Par_33	8	44.00	17.857				
	Crows	7	62.00	45.680				
	Pioneer	9	34.22	15.139				
	Cropland	8	41.25	16.714				
	Campbell	9	44.89	32.816				
	DK 539	9	36.56	13.154				
	DK 537	10	50.50	28.574				

Table 8. URIN Data, Urine Sodium - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.667	0.745	0.814	0.802
	NK603_11	10	61.00	22.784				
	NK603_33	10	56.60	18.727				
	Par_11	10	58.10	15.545				
	Par_33	10	54.50	21.329				
	Crows	10	54.90	25.062				
	Pioneer	10	54.50	15.415				
	Cropland	9	49.56	19.686				
	Campbell	10	69.80	22.060				
	DK 539	10	61.80	21.540				
	DK 537	10	59.30	13.300				
2					0.477	0.655	0.069	0.370
	NK603_11	8	58.63	15.865				
	NK603_33	10	63.50	30.200				
	Par_11	9	62.89	15.878				
	Par_33	8	46.38	13.783				
	Crows	7	54.00	16.350				
	Pioneer	9	49.78	17.218				
	Cropland	8	65.75	23.837				
	Campbell	9	55.00	17.450				
	DK 539	9	64.44	14.266				
	DK 537	10	55.50	21.345				

Table 8. URIN Data, Urine Potassium - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.526	0.985	0.149	0.169
	NK603_11	10	196.15	40.753				
	NK603_33	10	217.24	92.608				
	Par_11	10	196.70	45.251				
	Par_33	10	173.60	35.440				
	Crows	10	199.59	75.102				
	Pioneer	10	180.80	61.739				
	Cropland	9	169.26	71.410				
	Campbell	10	186.10	39.732				
	DK 539	10	157.10	60.165				
	DK 537	10	219.85	107.919				
2					0.431	0.772	0.401	0.244
	NK603_11	8	247.50	54.210				
	NK603_33	10	183.00	70.234				
	Par_11	9	237.67	55.769				
	Par_33	8	210.94	91.551				
	Crows	7	238.57	61.094				
	Pioneer	9	180.21	61.492				
	Cropland	8	219.00	59.812				
	Campbell	9	196.11	73.473				
	DK 539	9	204.11	74.109				
	DK 537	10	229.85	82.387				

Table 8. URIN Data, Urine Chloride[1] - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.759	0.413	0.942	0.797
	NK603_11	10	83.10	33.321				
	NK603_33	9	85.00	16.371				
	Par_11	10	72.10	21.615				
	Par_33	10	84.00	19.494				
	Crows	9	77.89	18.638				
	Pioneer	10	77.20	29.135				
	Cropland	9	78.00	35.718				
	Campbell	10	95.00	30.210				
	DK 539	10	73.10	33.982				
	DK 537	10	92.20	45.655				
2					0.434	0.787	0.968	0.470
	NK603_11	7	87.86	31.882				
	NK603_33	10	64.40	30.569				
	Par_11	9	84.44	23.990				
	Par_33	8	64.88	25.648				
	Crows	7	70.14	26.271				
	Pioneer	8	61.38	12.716				
	Cropland	8	76.88	27.031				
	Campbell	9	66.00	21.131				
	DK 539	9	74.89	24.533				
	DK 537	9	74.89	21.479				

[1]Results that were below the limit of quantitation were not included in the statistical analysis

Table 8. URIN Data, Urine Creatinine Clearance - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.451	0.983	0.164	0.497
	NK603_11	10	0.49	0.121				
	NK603_33	10	0.59	0.201				
	Par_11	10	0.49	0.129				
	Par_33	10	0.46	0.147				
	Crows	10	0.57	0.222				
	Pioneer	10	0.45	0.166				
	Cropland	9	0.64	0.234				
	Campbell	10	0.53	0.104				
	DK 539	10	0.48	0.128				
	DK 537	10	0.61	0.446				
2					0.940	0.737	0.861	0.501
	NK603_11	8	0.20	0.055				
	NK603_33	9	0.20	0.032				
	Par_11	9	0.19	0.075				
	Par_33	7	0.20	0.079				
	Crows	7	0.17	0.053				
	Pioneer	9	0.19	0.042				
	Cropland	8	0.20	0.052				
	Campbell	9	0.22	0.112				
	DK 539	9	0.18	0.066				
	DK 537	10	0.17	0.060				

Table 8. URIN Data, Urine Volume - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.910	0.437	0.876	0.814
	NK603_11	10	3.35	1.454				
	NK603_33	10	4.50	3.440				
	Par_11	10	3.85	1.454				
	Par_33	10	3.75	1.087				
	Crows	10	4.45	4.065				
	Pioneer	10	3.55	1.964				
	Cropland	9	6.06	4.035				
	Campbell	10	3.60	1.022				
	DK 539	10	4.40	1.897				
	DK 537	10	3.90	2.424				
2					0.407	0.749	0.434	0.241
	NK603_11	8	2.94	1.050				
	NK603_33	10	4.75	2.017				
	Par_11	9	3.28	1.543				
	Par_33	8	3.94	3.122				
	Crows	7	2.79	1.254				
	Pioneer	9	4.94	2.468				
	Cropland	8	4.06	2.583				
	Campbell	9	4.44	2.591				
	DK 539	9	3.78	1.698				
	DK 537	10	3.15	2.404				

Table 8. URIN Data, pH - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.356	0.762	0.545	0.649
	NK603_11	10	6.30	0.350				
	NK603_33	10	6.40	0.394				
	Par_11	10	6.35	0.242				
	Par_33	10	6.30	0.258				
	Crows	10	6.35	0.337				
	Pioneer	10	6.35	0.412				
	Cropland	9	6.56	0.391				
	Campbell	10	6.40	0.394				
	DK 539	10	6.35	0.337				
	DK 537	10	6.05	0.497				
2					0.827	0.779	0.165	0.108
	NK603_11	8	6.06	0.177				
	NK603_33	10	6.35	0.412				
	Par_11	9	6.00	0.500				
	Par_33	9	6.06	0.527				
	Crows	8	6.13	0.443				
	Pioneer	10	5.95	0.369				
	Cropland	8	6.06	0.623				
	Campbell	9	6.11	0.486				
	DK 539	9	6.17	0.559				
	DK 537	10	6.15	0.337				

Table 8. URIN Data, Specific Gravity - Females

Sample	Treatment	N	Mean	S.D.	Overall ANOVA	NK603 vs 11% Parent	NK603 vs 33% Parent	NK603 vs 33% Comm.
1					0.794	0.932	0.384	0.285
	NK603_11	10	1.04	0.012				
	NK603_33	10	1.05	0.015				
	Par_11	10	1.04	0.013				
	Par_33	10	1.04	0.006				
	Crows	10	1.04	0.015				
	Pioneer	10	1.04	0.013				
	Cropland	9	1.04	0.016				
	Campbell	10	1.04	0.008				
	DK 539	10	1.04	0.011				
	DK 537	10	1.05	0.017				
2					0.327	0.457	0.481	0.327
	NK603_11	8	1.05	0.007				
	NK603_33	10	1.04	0.014				
	Par_11	9	1.05	0.009				
	Par_33	9	1.05	0.015				
	Crows	8	1.06	0.020				
	Pioneer	10	1.04	0.015				
	Cropland	8	1.05	0.013				
	Campbell	9	1.04	0.015				
	DK 539	9	1.04	0.010				
	DK 537	10	1.05	0.016				

Table 9 - Direct Bilirubin[1]

Period 1

	Sample Size		Mean		Standard Deviation	
	Gender		Gender		Gender	
	F	M	F	M	F	M
Treatment						
Campbell	6.00	3.00	0.10	0.10	0.00	0.00
Cropland	3.00	2.00	0.10	0.10	0.00	0.00
Crows	6.00	3.00	0.10	0.10	0.00	0.00
DK 537	4.00	3.00	0.10	0.10	0.00	0.00
DK 539	4.00	7.00	0.10	0.10	0.00	0.00
NK603_11	3.00	2.00	0.10	0.10	0.00	0.00
NK603_33	3.00	2.00	0.10	0.10	0.00	0.00
Par_11	5.00	2.00	0.10	0.10	0.00	0.00
Par_33	5.00	3.00	0.10	0.10	0.00	0.00
Pioneer	2.00	7.00	0.10	0.10	0.00	0.00

Table 9. (Continued)

Period 2

	Sample Size		Mean		Standard Deviation	
	Gender		Gender		Gender	
	F	M	F	M	F	M
Treatment						
Campbell	1.00	3.00	0.10	0.10		0.00
Cropland	1.00	4.00	0.10	0.10		0.00
Crows	2.00	3.00	0.10	0.10	0.00	0.00
DK 537	1.00	3.00	0.10	0.10		0.00
DK 539	1.00	4.00	0.10	0.10		0.00
NK603_11	3.00	4.00	0.10	0.10	0.00	0.00
NK603_33	1.00	5.00	0.10	0.10		0.00
Par_11	4.00	4.00	0.13	0.10	0.05	0.00
Par_33	2.00	4.00	0.10	0.10	0.00	0.00
Pioneer	1.00	5.00	0.10	0.10		0.00

[1]Results that were below the limit of quantitation were not included in the statistical analysis

Table 10. Summary Incidence of Microscopic Findings - Males

Tissue	Lesion Type	NK603_33	Parent_ 33
ADRENAL CORTEX		1	0
ADRENAL MEDULLA		1	0
BRAIN		0	0
HEART		4	7
INTESTINE-LARGE, COLON		0	0
INTESTINE-LARGE, RECTUM		0	0
INTESTINE-SMALL, DUODENUM		0	0
INTESTINE-SMALL, ILEUM		0	0
INTESTINE-SMALL, JEJUNUM		0	0
KIDNEY	Cast(s), Proteinaceous	5	9
	Congestion	1	0
	Cystic Tubule(s)	2	2
	Dilatation, Pelvic, Unilateral	0	2
	Infiltrate, Mononuclear Cell	14	10
	Mineralization, Pelvic	0	1
	Mineralization, Tubular	0	2
	Regeneration, Tubular Epithelium	17	17
LIVER	Congestion	1	0
	Hyperplasia, Bile Duct	1	0
	Infiltrate, Mononuclear Cell	8	8
	Inflammation, Chronic, Multifocal	16	17
LYMPH NODE, MESENTERIC		0	0
PANCREAS		5	3
PARATHYROID		0	0
SPLEEN		0	0
STOMACH, GLANDULAR		1	0
STOMACH, NONGLANDULAR		0	0
TESTIS		0	2
THYROID		4	2

Table 10. Summary Incidence of Microscopic Findings - Females

Tissue	Lesion Type	NK603_33	Parent_ 33
ADRENAL CORTEX		0	0
ADRENAL MEDULLA		0	0
BRAIN		0	0
HEART		3	3
INTESTINE-LARGE, COLON		0	0
INTESTINE-LARGE, RECTUM		0	0
INTESTINE-SMALL, DUODENUM		0	0
INTESTINE-SMALL, ILEUM		0	0
INTESTINE-SMALL, JEJUNUM		0	0
KIDNEY	Cast(s), Proteinaceous	3	2
	Cystic Tubule(s)	1	1
	Infiltrate, Mononuclear Cell	4	7
	Mineralization, Tubular	6	5
	Regeneration, Tubular Epithelium	3	2
LIVER	Infiltrate, Mononuclear Cell	6	7
	Inflammation, Chronic, Multifocal	15	17
LYMPH NODE, MESENTERIC		0	0
OVARY		0	0
PANCREAS		2	1
PARATHYROID		0	0
SPLEEN		0	0
STOMACH, GLANDULAR		0	0
STOMACH, NONGLANDULAR		0	0
THYROID		5	3

* = Significantly different (P less than or equal to 0.05) from control using Fisher's Exact test.

Table 11. Measurement Units

Test Instrument	Test Type	Units
Hitachi Urine Chemistry	Calcium	mg/dL
	Creatinine	mg/dL
	Urine Protein	mg/dL
	Phosphorus	mg/dL
	Sodium	mmol/L
	Potassium	mmol/L
	Chloride	mmol/L
	Creat. Clearance	mL/min/100 gm body weight
	Total Urine Volume	mL/ collection period
Hitachi 717 Blood Analyses	Albumin	g/dL
	SGPT/ALT	U/L
	SGOT/AST	U/L
	Total Bilirubin	mg/dL
	Blood Urea Nitrogen	mg/dL
	Calcium	mg/dL
	Creatinine	mg/dL
	Gamma-GT	U/L
	Glucose	mg/dL
	Phosphorus	mg/dL
	Alkaline Phos/AMP	U/L
	Total Protein	g/dL
	Direct Bilirubin	mg/dL
	Sodium	mmol/L
	Potassium	mmol/L
	Chloride	mmol/L
	Globulin	g/dL
Individual Hematology	White Blood Cell	X10E3 µL
	Red Blood Cell	X10E6 µL
	Hemoglobin Conc.	g/dl
	Hematocrit	%
	Mean Corpuscular Vol	fL
	Mean Corpuscular Hgb	pg
	Mean Corp Hgb Conc.	g/dl
	Platelet	X10E3 µL
	Absolute Neutrophils	X10E3 µL
	Absolute Lymphocytes	X10E3 µL
	Absolute Monocytes	X10E3 µL
	Absolute Eosinophils	X10E3 µL
	Absolute Basophils	X10E3 µL
	Absolute Lar Uni Cel	X10E3 µL
Individual Prothrombin Time	PT	seconds
Activated Partial Thromboplastin Time	APTT	seconds

Table 12 - List of Outliers
Prepare NK603 Weight & Feeding Data for Statistical Analysis
Data Analyzed - Residuals +- 6

Measure	Animal ID	Trt	Value	PRESS Std Resid
Indiv Body Weight Changes (g) Week 7- 8	M2 015	2	65.3	8.0766
Indiv Body Weight Changes (g) Week 9-10	M2 015	2	61.0	9.2085
Indiv Body Weight Changes (g) Week 10-11	M10 016	10	-27.1	-7.8381
Indiv Body Weight Changes (g) Week 11-12	M6 009	6	-107.6	-19.3539

SUMMARY OF URINALYSIS MICROSCOPIC DATA
(N=10 unless otherwise noted)

PERIOD 1 - MALES

Group	Crystals	Epithelial Cells		Casts	Bacteria	Red Blood Cells	White Blood Cells	Fat Droplets	Yeast
		GR	non-GR						
M1 (N=9)	43	0	18	1	6	5	2	2	2
M2	49	0	20	2	3	5	1	2	1
M3	48	1	16	3	6	7	2	2	0
M4	50	3	15	3	4	5	1	2	1
M5 (N=9)	42	2	22	0	7	6	1	0	1
M6	46	1	17	3	9	6	0	3	1
M7 (N=9)	43	4	17	1	13	3	3	0	0
M8	48	3	23	1	10	3	1	1	1
M9	44	5	18	0	8	5	1	0	0
M10	49	3	21	3	15	13	6	4	5

PERIOD 1 - FEMALES

Group	Crystals	Epithelial Cells		Casts	Bacteria	Red Blood Cells	White Blood Cells	Fat Droplets	Yeast
		GR	non-GR						
F1	37	1	19	5	8	5	3	1	2
F2	36	1	19	2	7	1	2	1	2
F3	36	3	17	2	7	6	1	1	2
F4	33	4	24	2	3	6	2	2	3
F5	37	2	22	2	10	1	0	1	3
F6	34	2	20	4	11	4	4	0	4
F7	36	2	21	0	3	2	2	1	2
F8	39	1	19	2	9	5	2	1	2
F9	36	1	20	3	5	5	2	1	2
F10	35	4	15	3	9	2	3	2	3

GR = Granular Epithelial Cells

SUMMARY OF URINALYSIS MICROSCOPIC DATA
(N=10 unless otherwise noted)

PERIOD 2 - MALES

Group	Crystals	Epithelial Cells		Casts	Bacteria	Red Blood Cells	White Blood Cells	Fat Droplets	Yeast
		GR	non-GR						
M1	45	3	19	4	14	6	5	4	1
M2	44	2	17	1	13	2	2	4	3
M3	45	3	20	3	19	4	3	4	2
M4	41	0	19	3	19	7	3	2	1
M5	42	1	18	3	20	5	4	1	2
M6	48	3	18	4	21	6	3	3	0
M7(N=9)	41	2	19	2	21	5	5	2	1
M8	51	1	15	1	17	8	0	3	2
M9	47	3	17	3	14	5	1	2	1
M10 (N=9)	52	3	16	3	16	5	6	1	1

PERIOD 2 - FEMALES

Group	Crystals	Epithelial Cells		Casts	Bacteria	Red Blood Cells	White Blood Cells	Fat Droplets	Yeast
		GR	non-GR						
F1 (N=8)	26	2	15	2	17	4	2	2	0
F2	32	0	15	1	12	4	3	3	2
F3 (N=9)	26	2	14	0	14	9	2	3	0
F4 (N=9)	22	0	15	3	14	5	3	0	2
F5 (N=8)	22	1	11	1	7	2	2	3	2
F6	24	1	18	4	20	5	4	2	3
F7 (N=8)	24	1	11	0	10	3	3	0	3
F8 (N=9)	22	1	14	3	18	5	4	1	3
F9 (N=9)	24	1	12	3	11	2	2	0	2
F10 (N=8)	29	1	16	3	16	7	3	1	3

GR = Granular Epithelial Cells

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

SUMMARY OF CLINICAL SIGNS

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

CATEGORY	OBSERVATION	GEN.	SEX	WINDOW	GROUP	NO. ANIMALS AFFECTED	NO. OF OCCURRENCES
DEATH	SACRIFICED IN EXTREMIS		M	D1-114	M6	1	1
	SCHEDULED SACRIFICE		M	D1-114	M1	20	20
					M2	19	19
					M3	20	20
					M4	20	20
					M5	20	20
					M6	19	19
					M7	20	20
					M8	20	20
					M9	20	20
					M10	20	20
			F	D1-114	F1	20	20
					F2	20	20
					F3	20	20
					F4	20	20
					F5	20	20
					F6	20	20
					F7	20	20
					F8	20	20
					F9	20	20
					F10	20	20
	FOUND DEAD		M	D1-114	M2	1	1
MOUTH	SWOLLEN MOUTH		M	D1-114	M6	1	1
	BROKEN TEETH		F	D1-114	F8	1	4
	MISSING TEETH		M	D1-114	M4	1	3
					M10	1	4
			F	D1-114	F6	1	8
	OVERGROWN TEETH		M	D1-114	M4	1	1
EYE(S)	RED DISCHARGE		M	D1-114	M7	1	4

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

SUMMARY OF CLINICAL SIGNS

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

CATEGORY	OBSERVATION	GEN.	SEX	WINDOW	GROUP	NO. ANIMALS AFFECTED	NO. OF OCCURRENCES
EYE(S)	RED DISCHARGE		F	D1-114	F1	1	1
	PERIORBITAL WETNESS		M	D1-114	M7	1	2
	PERIORBITAL ENCRUSTATION		M	D1-114	M1	1	3
					M2	1	2
					M4	1	1
					M6	2	2
					M7	1	3
					M9	1	2
					M10	1	4
			F	D1-114	F6	1	6
					F8	1	2
EAR(S)	TORN/LACERATED		M	D1-114	M1	2	19
					M2	4	49
					M3	2	27
					M4	5	66
					M5	2	28
					M6	2	19
					M7	4	54
					M8	2	29
					M9	5	62
			F	D1-114	F1	4	50
					F2	5	62
					F3	4	53
					F4	5	63
					F5	6	71
					F6	2	25
					F7	3	31
					F8	3	37
					F9	8	84
					F10	4	46
	RED		M	D1-114	M3	1	3
					M7	1	1

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

SUMMARY OF CLINICAL SIGNS

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

CATEGORY	OBSERVATION	GEN.	SEX	WINDOW	GROUP	NO. ANIMALS AFFECTED	NO. OF OCCURRENCES
EAR(S)	RED		F	D1-114	F1	1	3
					F4	2	6
					F5	2	12
					F6	1	1
					F10	1	1
	SWOLLEN		M	D1-114	M3	1	3
					M7	1	1
			F	D1-114	F1	1	3
					F4	2	6
					F5	2	12
					F6	1	1
					F10	1	1
	SCAB(S)		M	D1-114	M4	1	1
					M7	1	2
					M8	1	1
					M9	3	3
			F	D1-114	F1	1	1
					F3	1	1
					F9	2	3
INTEGUMENT	FOCAL LOSS OF HAIR		M	D1-114	M6	1	3
			F	D1-114	F4	1	4
	ABRASION(S)		M	D1-114	M3	1	1
					M6	2	8
	SCAB(S)		M	D1-114	M3	1	1
					M6	2	8
FEET AND LIMBS	FOCAL LOSS OF HAIR		M	D1-114	M1	3	24
					M2	3	21
					M3	2	10
					M4	5	20

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

SUMMARY OF CLINICAL SIGNS

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

CATEGORY	OBSERVATION	GEN.	SEX	WINDOW	GROUP	NO. ANIMALS AFFECTED	NO. OF OCCURRENCES
FEET AND LIMBS	FOCAL LOSS OF HAIR		M	D1-114	M5	5	34
					M6	2	9
					M7	3	10
					M8	4	20
					M9	2	9
			F	D1-114	F1	1	3
					F3	4	27
					F4	2	6
					F5	1	3
					F7	2	10
					F8	1	5
					F9	1	1
					F10	2	2
	SWOLLEN		F	D1-114	F3	1	1
EXCRETA	BLOOD-LIKE URINE COLOR		M	D1-114	M10	1	1
	DECREASED DEFECATION		M	D1-114	M6	1	1

STUDY NO: 99091

***** MONSANTO ENVIRONMENTAL HEALTH LAB *****
P A T H O L O G Y S E C T I O N

STUDY TYPE: SC SPECIES: RAT SUBSTANCE: NK 603-L

PRINTED: 27-AUG-2001

** SUMMARY INCIDENCE OF INDIVIDUAL GROSS NECROPSY ALTERATIONS **

SELECTION CRITERIA: SCHEDULED SACRIFICES

PERIODS: 12-SEP-00:28-SEP-00

	---- M A L E ----									
	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10
NO. IN GROUP AT RISK:	20	19	20	20	20	19	20	20	20	20
EYE(S)										
-ABNORMAL DISCHARGE/ENCRUSTATION	0	0	0	0	0	0	0	0	0	1
JEJUNUM										
-ABNORMAL CONTENTS	0	0	0	0	1	0	0	0	0	0
KIDNEY(S)										
-DILATED PELVIS	2	0	2	1	1	1	0	0	0	0
-CYST	0	0	0	0	0	0	0	1	0	0
-CALCULUS	0	0	0	1	0	0	0	0	0	0
LIVER										
-ATROPHY/SMALL	0	0	0	0	0	0	1	0	0	0
LUNG										
-FOCUS, WHITE/GRAY	0	1	1	0	3	1	2	1	2	0
-FOCUS, RED/PURPLE/BLACK	1	0	0	0	0	0	0	0	0	0
OVARY(IES)										
-CYST	0	0	0	0	0	0	0	0	0	0
PANCREAS										
-ABNORMAL COLOR, BROWN/YELLOW	0	0	1	0	0	0	0	0	0	0
PITUITARY										
-FOCUS, BROWN/YELLOW/TAN	0	0	0	0	0	0	0	0	0	0
STOMACH										
-ABNORMAL CONTENTS	0	0	0	0	1	0	0	0	0	0
TESTIS(ES)										
-ENLARGED	0	0	0	0	0	0	0	1	0	0
-ATROPHY/SMALL	0	0	0	1	0	0	0	1	1	0

STUDY NO: 99091 ***** MONSANTO ENVIRONMENTAL HEALTH LAB ***** PAGE: 2

PATHOLOGY SECTION

STUDY TYPE: SC SPECIES: RAT SUBSTANCE: NK 603-L PRINTED: 27-AUG-2001

** SUMMARY INCIDENCE OF INDIVIDUAL GROSS NECROPSY ALTERATIONS **

SELECTION CRITERIA: SCHEDULED SACRIFICES PERIODS: 12-SEP-00:28-SEP-00

	MALE									
	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10
NO. IN GROUP AT RISK:	20	19	20	20	20	19	20	20	20	20
TESTIS(ES)										
-ABNORMAL CONSISTENCY, SOFT	0	0	0	1	0	0	0	0	0	0
THYMUS										
-FOCUS, RED/PURPLE/BLACK	1	0	0	0	0	0	0	0	0	0
-ABNORMAL COLOR, RED/PURPLE/BLACK	0	0	0	0	0	0	1	2	0	0
UTERUS										
-ENLARGED/DILATED/DISTENDED	0	0	0	0	0	0	0	0	0	0
CALVARIA										
-ABNORMAL SURFACE	0	0	0	0	0	0	0	1	0	0

STUDY NO: 99091

***** MONSANTO ENVIRONMENTAL HEALTH LAB *****
P A T H O L O G Y S E C T I O N

PAGE: 1

STUDY TYPE: SC SPECIES: RAT SUBSTANCE: NK 603-L

PRINTED: 27-AUG-2001

** SUMMARY INCIDENCE OF INDIVIDUAL GROSS NECROPSY ALTERATIONS **

SELECTION CRITERIA: SCHEDULED SACRIFICES

PERIODS: 12-SEP-00:28-SEP-00

	---- F E M A L E ----									
	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10
NO. IN GROUP AT RISK:	20	20	20	20	20	20	20	20	20	20
EYE(S)										
-ABNORMAL DISCHARGE/ENCRUSTATION	0	0	0	0	0	1	0	0	0	0
JEJUNUM										
-ABNORMAL CONTENTS	0	0	0	0	0	0	0	0	0	0
KIDNEY(S)										
-DILATED PELVIS	1	0	0	0	0	0	1	0	0	0
-CYST	1	0	0	0	0	0	0	0	0	0
-CALCULUS	0	0	0	0	0	0	0	0	0	0
LIVER										
-ATROPHY/SMALL	0	0	0	0	0	0	0	0	0	0
LUNG										
-FOCUS, WHITE/GRAY	1	0	1	1	0	1	0	1	0	2
-FOCUS, RED/PURPLE/BLACK	0	0	0	0	0	0	0	0	0	0
OVARY(IES)										
-CYST	0	0	1	0	0	0	0	0	1	0
PANCREAS										
-ABNORMAL COLOR, BROWN/YELLOW	0	0	0	0	0	0	0	0	0	0
PITUITARY										
-FOCUS, BROWN/YELLOW/TAN	0	0	1	0	0	0	0	0	0	0
STOMACH										
-ABNORMAL CONTENTS	0	0	0	0	0	0	0	0	0	0
TESTIS(ES)										
-ENLARGED	0	0	0	0	0	0	0	0	0	0
-ATROPHY/SMALL	0	0	0	0	0	0	0	0	0	0

STUDY NO: 99091 ***** MONSANTO ENVIRONMENTAL HEALTH LAB ***** PAGE: 2

P A T H O L O G Y S E C T I O N

STUDY TYPE: SC SPECIES: RAT SUBSTANCE: NK 603-L PRINTED: 27-AUG-2001

** SUMMARY INCIDENCE OF INDIVIDUAL GROSS NECROPSY ALTERATIONS **

SELECTION CRITERIA: SCHEDULED SACRIFICES PERIODS: 12-SEP-00:28-SEP-00

	---- F E M A L E ----									
	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10
NO. IN GROUP AT RISK:	20	20	20	20	20	20	20	20	20	20
TESTIS(ES)										
-ABNORMAL CONSISTENCY, SOFT	0	0	0	0	0	0	0	0	0	0
THYMUS										
-FOCUS, RED/PURPLE/BLACK	0	0	0	0	0	0	0	0	0	0
-ABNORMAL COLOR, RED/PURPLE/BLACK	0	0	0	0	0	0	0	0	0	0
UTERUS										
-ENLARGED/DILATED/DISTENDED	1	0	1	0	1	0	1	0	0	3
CALVARIA										
-ABNORMAL SURFACE	0	0	0	0	0	0	0	0	0	0

STUDY NO: 99091

***** MONSANTO ENVIRONMENTAL HEALTH LAB *****
P A T H O L O G Y S E C T I O N

STUDY TYPE: SC SPECIES: RAT SUBSTANCE: NK 603-L

PRINTED: 27-AUG-2001

** SUMMARY INCIDENCE OF INDIVIDUAL GROSS NECROPSY ALTERATIONS **

SELECTION CRITERIA: UNSCHEDULED DEATHS between 7-JUN-2000 and 27-AUG-2001

	---- MALE ----									
	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10
NO. IN GROUP AT RISK:	0	1	0	0	0	1	0	0	0	0
EYE(S)										
-ABNORMAL DISCHARGE/ENCRUSTATION	0	0	0	0	0	1	0	0	0	0
NOSE/TURBINATES										
-FRACTURE	0	0	0	0	0	1	0	0	0	0
LY.NODE,SUBMAX.										
-ABNORMAL COLOR, RED/PURPLE/BLACK	0	0	0	0	0	1	0	0	0	0

STUDY NO: 99091

***** MONSANTO ENVIRONMENTAL HEALTH LAB *****
P A T H O L O G Y S E C T I O N

PAGE: 1

STUDY TYPE: SC SPECIES: RAT SUBSTANCE: NK 603-L

PRINTED: 27-AUG-2001

** SUMMARY INCIDENCE OF INDIVIDUAL GROSS NECROPSY ALTERATIONS **

SELECTION CRITERIA: UNSCHEDULED DEATHS between 7-JUN-2000 and 27-AUG-2001

	---- F E M A L E ----									
	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10
NO. IN GROUP AT RISK:	0	0	0	0	0	0	0	0	0	0
EYE(S)										
-ABNORMAL DISCHARGE/ENCRUSTATION	0	0	0	0	0	0	0	0	0	0
NOSE/TURBINATES										
-FRACTURE	0	0	0	0	0	0	0	0	0	0
LY.NODE,SUBMAX.										
-ABNORMAL COLOR, RED/PURPLE/BLACK	0	0	0	0	0	0	0	0	0	0

Exhibit 1. Mean Male Body Weights (g)

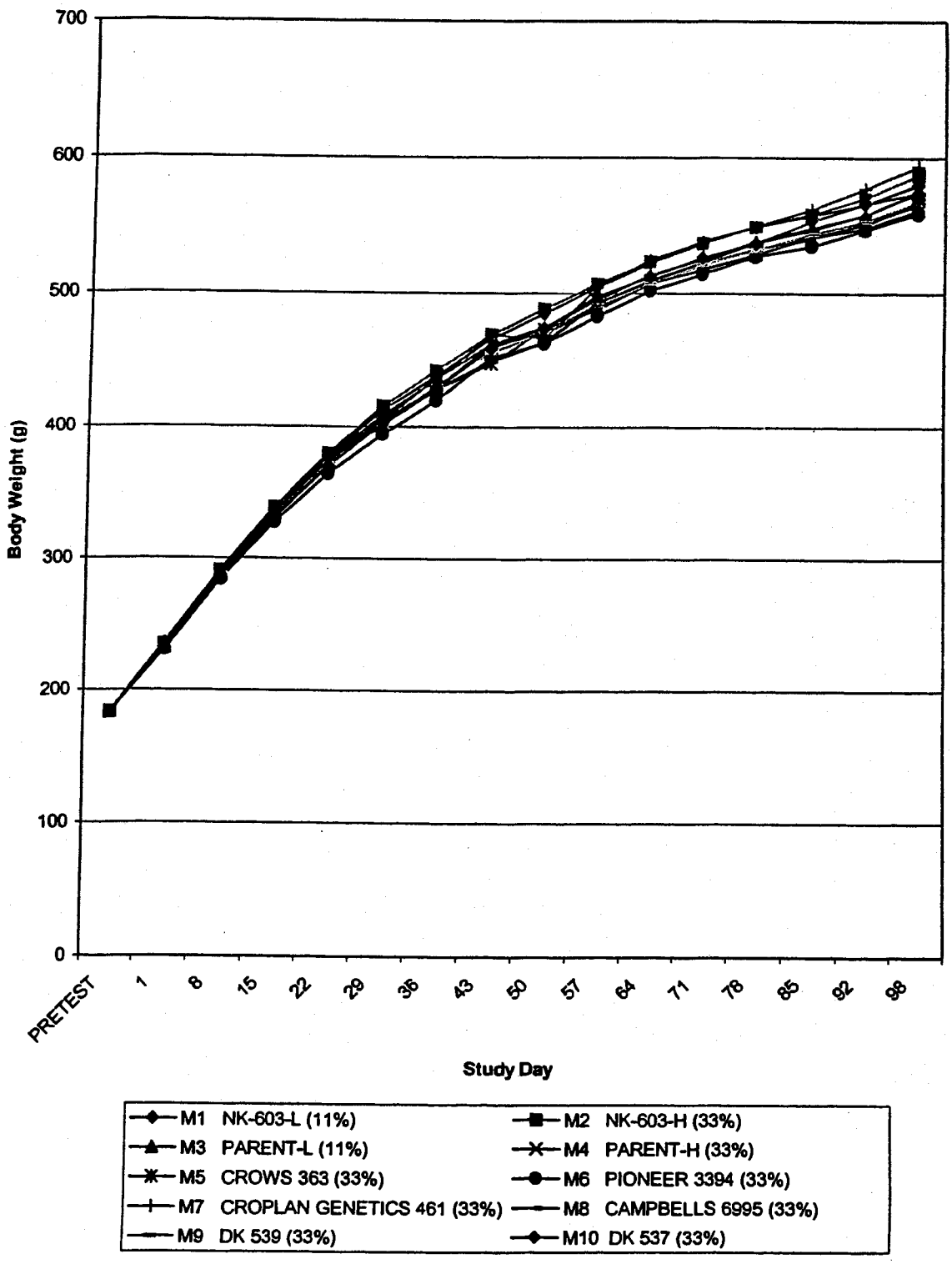


Exhibit 2. Mean Female Body Weights (g)

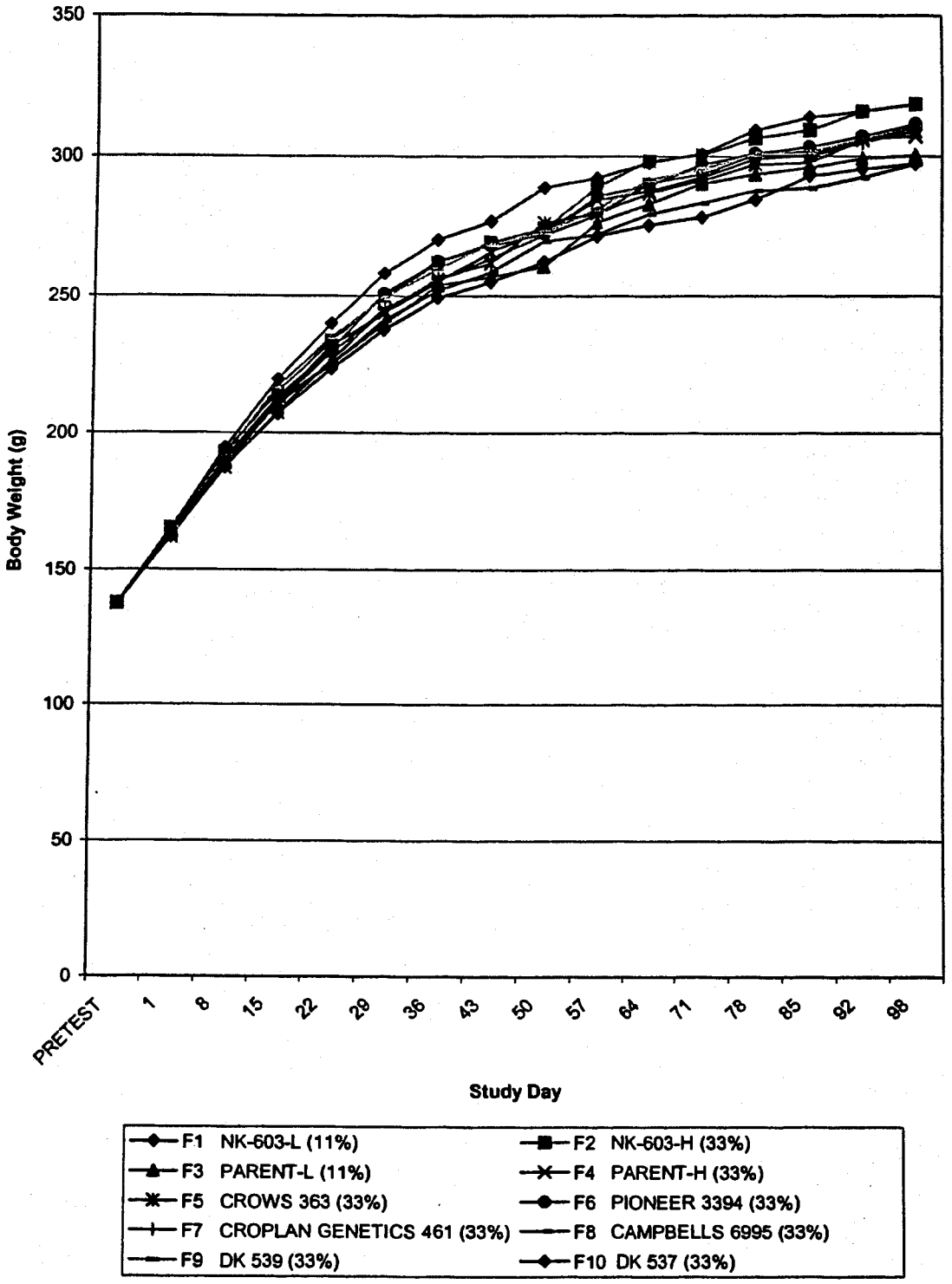


Exhibit 3. Mean Male Food Consumption (g/day)

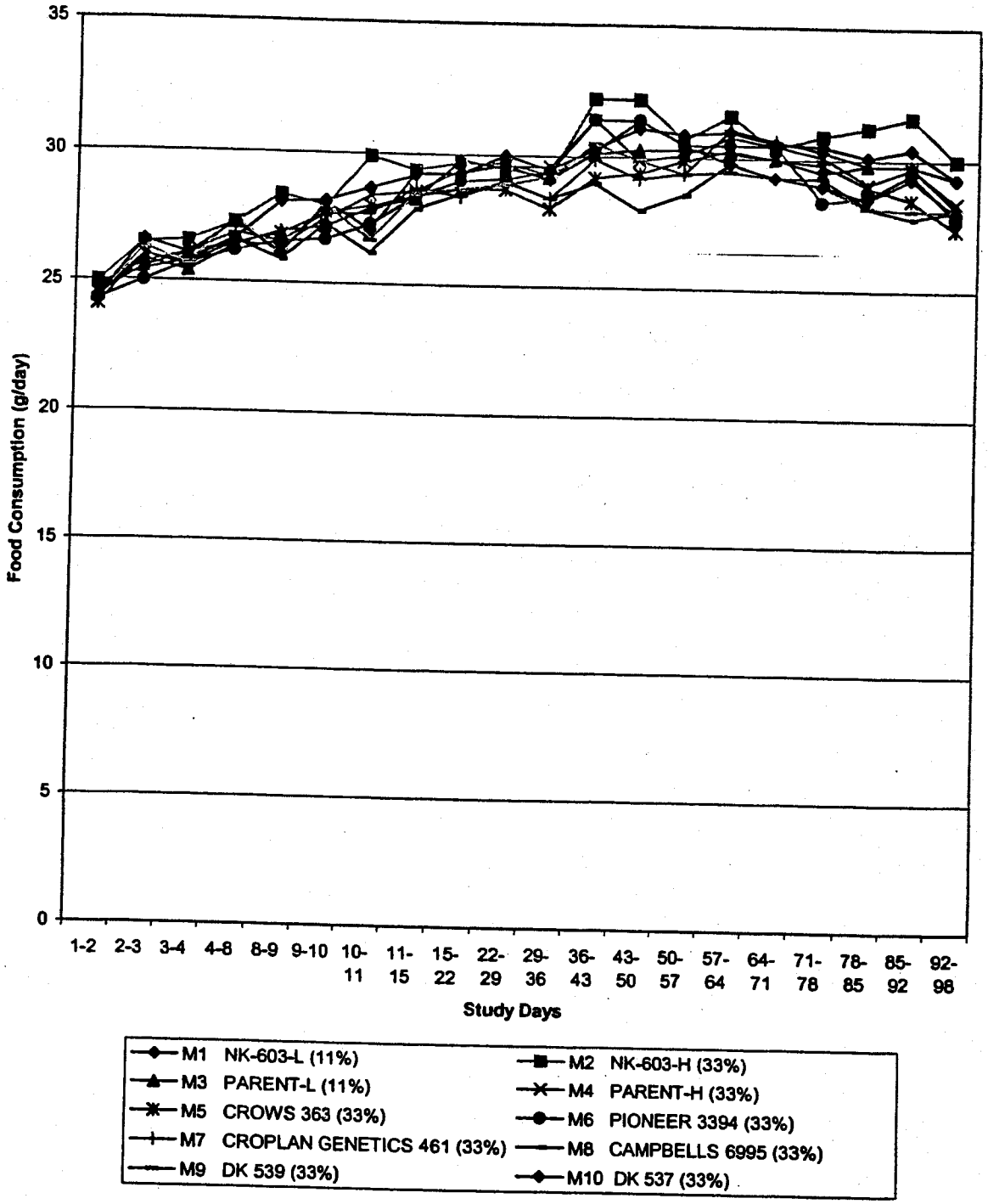
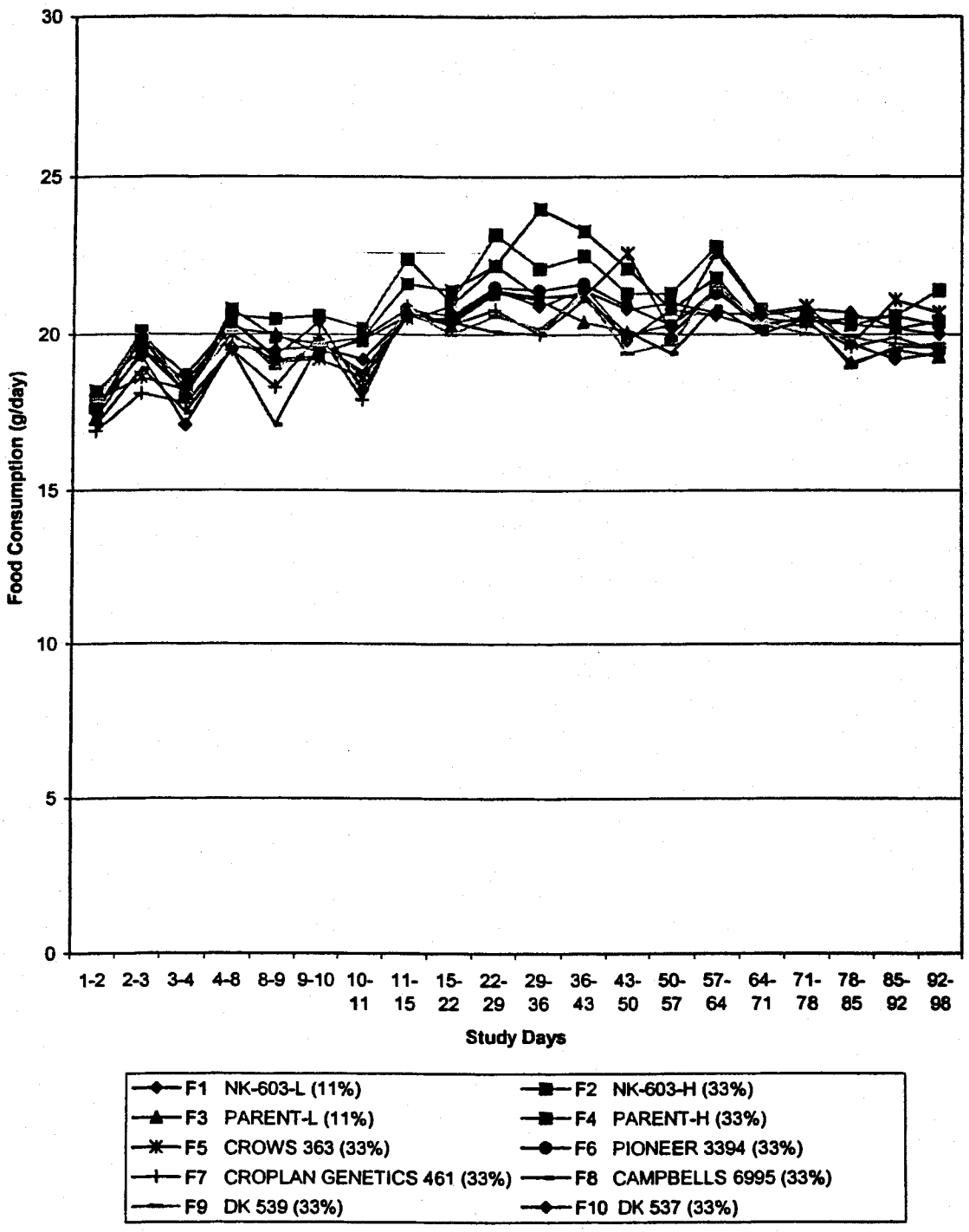


Exhibit 4. Mean Female Food Consumption (g/day)



Appendix 2. Individual Data

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL CLINICAL SIGNS

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : NK 603-L
TARGET DOSE : 11.00 %

SEX: MALE

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
DEATH	SCHEDULED SACRIFICE	13-SEP-00	99	99091M1	001
				99091M1	005
				99091M1	002
				99091M1	006
				99091M1	003
				99091M1	004
		14-SEP-00	100	99091M1	011
				99091M1	014
				99091M1	007
		15-SEP-00	101	99091M1	015
				99091M1	016
				99091M1	008
		18-SEP-00	104	99091M1	017
				99091M1	018
				99091M1	009
				99091M1	010
		19-SEP-00	105	99091M1	012
		20-SEP-00	106	99091M1	013
				99091M1	019
		21-SEP-00	107	99091M1	020
EYE(S)	PERIORBITAL ENCRUSTATION	30-AUG-00	85	99091M1	013
		6-SEP-00	92	99091M1	013
		12-SEP-00	98	99091M1	013
EAR(S)	TORN/LACERATED	21-JUN-00	15	99091M1	016
		28-JUN-00	22	99091M1	016
		5-JUL-00	29	99091M1	016
		12-JUL-00	36	99091M1	016
		26-JUL-00	50	99091M1	016
		2-AUG-00	57	99091M1	011
				99091M1	016

STUDY NUMBER: 99091 INDIVIDUAL CLINICAL SIGNS
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : NK 603-L
TARGET DOSE : 11.00 %

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
EAR(S)	TORN/LACERATED	9-AUG-00	64	99091M1	011
				99091M1	016
		16-AUG-00	71	99091M1	011
				99091M1	016
		23-AUG-00	78	99091M1	011
				99091M1	016
		30-AUG-00	85	99091M1	011
				99091M1	016
		6-SEP-00	92	99091M1	011
				99091M1	016
		12-SEP-00	98	99091M1	011
				99091M1	016
FEET AND LIMBS	FOCAL LOSS OF HAIR	12-JUL-00	36	99091M1	010
		19-JUL-00	43	99091M1	010
		26-JUL-00	50	99091M1	010
		2-AUG-00	57	99091M1	010
				99091M1	016
				99091M1	017
		9-AUG-00	64	99091M1	010
				99091M1	016
				99091M1	017
		16-AUG-00	71	99091M1	010
				99091M1	016
				99091M1	017
		23-AUG-00	78	99091M1	010
				99091M1	016
				99091M1	017
		30-AUG-00	85	99091M1	010
				99091M1	016
				99091M1	017
		6-SEP-00	92	99091M1	010

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL CLINICAL SIGNS

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : NK 603-L
TARGET DOSE : 11.00 %

SEX: MALE

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
FEET AND LIMBS	FOCAL LOSS OF HAIR	6-SEP-00	92	99091M1	016
				99091M1	017
		12-SEP-00	98	99091M1	010
				99091M1	016
				99091M1	017

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL CLINICAL SIGNS

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : NK 603-H
TARGET DOSE : 33.00 %

SEX: MALE

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
DEATH	SCHEDULED SACRIFICE	13-SEP-00	99	99091M2	001
				99091M2	005
				99091M2	002
				99091M2	006
				99091M2	003
				99091M2	004
		14-SEP-00	100	99091M2	011
				99091M2	014
				99091M2	007
		15-SEP-00	101	99091M2	015
				99091M2	016
				99091M2	008
		18-SEP-00	104	99091M2	017
				99091M2	018
				99091M2	009
				99091M2	010
		19-SEP-00	105	99091M2	012
		20-SEP-00	106	99091M2	019
		21-SEP-00	107	99091M2	020
	FOUND DEAD	27-AUG-00	82	99091M2	013
EYE(S)	PERIORBITAL ENCRUSTATION	16-AUG-00	71	99091M2	004
		23-AUG-00	78	99091M2	004
EAR(S)	TORN/LACERATED	7-JUN-00	1	99091M2	007
				99091M2	013
		14-JUN-00	8	99091M2	007
				99091M2	013
		21-JUN-00	15	99091M2	007
				99091M2	013
		28-JUN-00	22	99091M2	007
				99091M2	013

STUDY NUMBER: 99091 INDIVIDUAL CLINICAL SIGNS
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : NK 603-H
TARGET DOSE : 33.00 %

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
EAR(S)	TORN/LACERATED	28-JUN-00	22	99091M2	016
				99091M2	018
		5-JUL-00	29	99091M2	007
				99091M2	013
				99091M2	016
				99091M2	018
		12-JUL-00	36	99091M2	007
				99091M2	013
				99091M2	016
				99091M2	018
		19-JUL-00	43	99091M2	007
				99091M2	013
				99091M2	018
		26-JUL-00	50	99091M2	016
				99091M2	007
				99091M2	013
		2-AUG-00	57	99091M2	007
				99091M2	013
				99091M2	016
				99091M2	018
		9-AUG-00	64	99091M2	007
				99091M2	013
				99091M2	016
				99091M2	018
		16-AUG-00	71	99091M2	007
				99091M2	013
				99091M2	016
				99091M2	018
		23-AUG-00	78	99091M2	007
				99091M2	013
				99091M2	016
				99091M2	018

STUDY NUMBER: 99091 INDIVIDUAL CLINICAL SIGNS
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : NK 603-H
TARGET DOSE : 33.00 %

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL
EAR(S)	TORN/LACERATED	30-AUG-00	85	99091M2 007
				99091M2 016
				99091M2 018
		6-SEP-00	92	99091M2 007
				99091M2 016
				99091M2 018
		12-SEP-00	98	99091M2 016
				99091M2 018
				99091M2 007
FEET AND LIMBS	FOCAL LOSS OF HAIR	19-JUL-00	43	99091M2 003
		26-JUL-00	50	99091M2 003
		2-AUG-00	57	99091M2 003
				99091M2 016
		9-AUG-00	64	99091M2 003
				99091M2 016
		16-AUG-00	71	99091M2 003
				99091M2 006
				99091M2 016
		23-AUG-00	78	99091M2 003
				99091M2 006
				99091M2 016
		30-AUG-00	85	99091M2 003
				99091M2 006
				99091M2 016
		6-SEP-00	92	99091M2 003
				99091M2 006
				99091M2 016
		12-SEP-00	98	99091M2 016
				99091M2 003
				99091M2 006

STUDY NUMBER: 99091 INDIVIDUAL CLINICAL SIGNS
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : PARENT-L
TARGET DOSE : 11.00 %

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
DEATH	SCHEDULED SACRIFICE	13-SEP-00	99	99091M3	001
				99091M3	002
				99091M3	003
				99091M3	004
		14-SEP-00	100	99091M3	005
				99091M3	011
				99091M3	006
				99091M3	014
				99091M3	007
		15-SEP-00	101	99091M3	015
				99091M3	016
				99091M3	008
		18-SEP-00	104	99091M3	017
				99091M3	018
				99091M3	009
				99091M3	010
		19-SEP-00	105	99091M3	012
		20-SEP-00	106	99091M3	013
		21-SEP-00	107	99091M3	019
				99091M3	020
EAR(S)	TORN/LACERATED	7-JUN-00	1	99091M3	014
		14-JUN-00	8	99091M3	014
		21-JUN-00	15	99091M3	012
				99091M3	014
		28-JUN-00	22	99091M3	012
				99091M3	014
		5-JUL-00	29	99091M3	012
				99091M3	014
		12-JUL-00	36	99091M3	012
				99091M3	014
		19-JUL-00	43	99091M3	012

STUDY NUMBER: 99091 INDIVIDUAL CLINICAL SIGNS
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : PARENT-L
TARGET DOSE : 11.00 %

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
EAR(S)	TORN/LACERATED	26-JUL-00	50	99091M3	012
				99091M3	014
		2-AUG-00	57	99091M3	012
				99091M3	014
		9-AUG-00	64	99091M3	012
				99091M3	014
		16-AUG-00	71	99091M3	012
				99091M3	014
		23-AUG-00	78	99091M3	012
				99091M3	014
		30-AUG-00	85	99091M3	012
				99091M3	014
		6-SEP-00	92	99091M3	012
				99091M3	014
		12-SEP-00	98	99091M3	012
				99091M3	014
	RED	30-AUG-00	85	99091M3	003
		6-SEP-00	92	99091M3	003
		12-SEP-00	98	99091M3	003
	SWOLLEN	30-AUG-00	85	99091M3	003
		6-SEP-00	92	99091M3	003
		12-SEP-00	98	99091M3	003
INTEGUMENT	ABRASION(S)	21-JUN-00	15	99091M3	015
	SCAB(S)	21-JUN-00	15	99091M3	015
FEET AND LIMBS	FOCAL LOSS OF HAIR	12-JUL-00	36	99091M3	007
		19-JUL-00	43	99091M3	007
		26-JUL-00	50	99091M3	007
		2-AUG-00	57	99091M3	007
		9-AUG-00	64	99091M3	007
		16-AUG-00	71	99091M3	007

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL CLINICAL SIGNS

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PARENT-L
TARGET DOSE : 11.00 %

SEX: MALE

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
FEET AND LIMBS	FOCAL LOSS OF HAIR	23-AUG-00	78	99091M3	007
		30-AUG-00	85	99091M3	007
		6-SEP-00	92	99091M3	014
		12-SEP-00	98	99091M3	014

STUDY NUMBER: 99091 INDIVIDUAL CLINICAL SIGNS
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : PARENT-H
TARGET DOSE : 33.00 %

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
DEATH	SCHEDULED SACRIFICE	13-SEP-00	99	99091M4	001
				99091M4	002
				99091M4	003
				99091M4	004
		14-SEP-00	100	99091M4	005
				99091M4	011
				99091M4	006
				99091M4	014
				99091M4	007
		15-SEP-00	101	99091M4	015
				99091M4	016
				99091M4	008
		18-SEP-00	104	99091M4	017
				99091M4	018
				99091M4	009
				99091M4	010
		19-SEP-00	105	99091M4	012
		20-SEP-00	106	99091M4	013
		21-SEP-00	107	99091M4	019
				99091M4	020
MOUTH	MISSING TEETH	30-AUG-00	85	99091M4	006
		6-SEP-00	92	99091M4	006
		12-SEP-00	98	99091M4	006
	OVERGROWN TEETH	30-AUG-00	85	99091M4	006
EYE(S)	PERIORBITAL ENCRUSTATION	12-SEP-00	98	99091M4	011
EAR(S)	TORN/LACERATED	7-JUN-00	1	99091M4	017
		14-JUN-00	8	99091M4	006
				99091M4	007
				99091M4	017

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL CLINICAL SIGNS

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PARENT-H
TARGET DOSE : 33.00 %

SEX: MALE

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL
EAR(S)	TORN/LACERATED	21-JUN-00	15	99091M4 006
				99091M4 007
				99091M4 014
				99091M4 017
				99091M4 020
		28-JUN-00	22	99091M4 006
				99091M4 007
				99091M4 014
				99091M4 017
				99091M4 020
		5-JUL-00	29	99091M4 006
				99091M4 007
				99091M4 014
				99091M4 017
				99091M4 020
		12-JUL-00	36	99091M4 006
				99091M4 007
				99091M4 014
				99091M4 017
				99091M4 020
		19-JUL-00	43	99091M4 007
				99091M4 020
				99091M4 017
		26-JUL-00	50	99091M4 006
				99091M4 014
				99091M4 007
				99091M4 020
		2-AUG-00	57	99091M4 017
				99091M4 006
				99091M4 007
				99091M4 014
				99091M4 020

STUDY NUMBER: 99091 INDIVIDUAL CLINICAL SIGNS
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : PARENT-H
TARGET DOSE : 33.00 %

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
EAR(S)	TORN/LACERATED	9-AUG-00	64	99091M4	006
				99091M4	007
				99091M4	014
				99091M4	017
				99091M4	020
		16-AUG-00	71	99091M4	006
				99091M4	007
				99091M4	014
				99091M4	017
				99091M4	020
		23-AUG-00	78	99091M4	006
				99091M4	007
				99091M4	014
				99091M4	017
				99091M4	020
		30-AUG-00	85	99091M4	006
				99091M4	007
				99091M4	014
				99091M4	017
				99091M4	020
		6-SEP-00	92	99091M4	006
				99091M4	007
				99091M4	014
				99091M4	017
				99091M4	020
		12-SEP-00	98	99091M4	006
				99091M4	007
				99091M4	014
				99091M4	017
				99091M4	020
	SCAB(S)	14-JUN-00	8	99091M4	006
FEET AND LIMBS	FOCAL LOSS OF HAIR	2-AUG-00	57	99091M4	002

STUDY NUMBER: 99091 INDIVIDUAL CLINICAL SIGNS
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : PARENT-H
TARGET DOSE : 33.00 %

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
FEET AND LIMBS	FOCAL LOSS OF HAIR	9-AUG-00	64	99091M4	002
		16-AUG-00	71	99091M4	002
		23-AUG-00	78	99091M4	002
				99091M4	004
				99091M4	008
		30-AUG-00	85	99091M4	002
				99091M4	003
				99091M4	004
				99091M4	008
		6-SEP-00	92	99091M4	001
				99091M4	002
				99091M4	003
				99091M4	004
				99091M4	008
		12-SEP-00	98	99091M4	001
				99091M4	002
				99091M4	003
				99091M4	004
				99091M4	008

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL CLINICAL SIGNS

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CROWS 363
TARGET DOSE : 33.00 %

SEX: MALE

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL
DEATH	SCHEDULED SACRIFICE	13-SEP-00	99	99091M5 001
				99091M5 002
				99091M5 003
		14-SEP-00	100	99091M5 005
				99091M5 006
				99091M5 004
				99091M5 007
		15-SEP-00	101	99091M5 011
				99091M5 015
				99091M5 014
				99091M5 016
				99091M5 008
		18-SEP-00	104	99091M5 017
				99091M5 018
				99091M5 009
				99091M5 010
		19-SEP-00	105	99091M5 012
		20-SEP-00	106	99091M5 013
		21-SEP-00	107	99091M5 019
				99091M5 020
EAR(S)	TORN/LACERATED	7-JUN-00	1	99091M5 008
		14-JUN-00	8	99091M5 005
				99091M5 008
		21-JUN-00	15	99091M5 005
				99091M5 008
		28-JUN-00	22	99091M5 005
				99091M5 008
		5-JUL-00	29	99091M5 005
				99091M5 008
		12-JUL-00	36	99091M5 005
				99091M5 008

STUDY NUMBER: 99091 INDIVIDUAL CLINICAL SIGNS
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : CROWS 363
TARGET DOSE : 33.00 %

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
EAR(S)	TORN/LACERATED	19-JUL-00	43	99091M5	008
		26-JUL-00	50	99091M5	008
				99091M5	005
		2-AUG-00	57	99091M5	005
				99091M5	008
		9-AUG-00	64	99091M5	005
				99091M5	008
		16-AUG-00	71	99091M5	005
				99091M5	008
		23-AUG-00	78	99091M5	005
				99091M5	008
		30-AUG-00	85	99091M5	005
				99091M5	008
		6-SEP-00	92	99091M5	005
				99091M5	008
		12-SEP-00	98	99091M5	005
				99091M5	008
FEET AND LIMBS	FOCAL LOSS OF HAIR	12-JUL-00	36	99091M5	010
		19-JUL-00	43	99091M5	010
		26-JUL-00	50	99091M5	010
				99091M5	014
		2-AUG-00	57	99091M5	018
				99091M5	010
				99091M5	014
		9-AUG-00	64	99091M5	005
				99091M5	010
				99091M5	011
				99091M5	014
				99091M5	018
		16-AUG-00	71	99091M5	005
				99091M5	010

STUDY NUMBER: 99091 INDIVIDUAL CLINICAL SIGNS
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : CROWS 363
TARGET DOSE : 33.00 %

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
FEET AND LIMBS	FOCAL LOSS OF HAIR	16-AUG-00	71	99091M5	011
				99091M5	014
				99091M5	018
		23-AUG-00	78	99091M5	005
				99091M5	010
				99091M5	014
				99091M5	018
		30-AUG-00	85	99091M5	014
				99091M5	018
				99091M5	005
				99091M5	010
		6-SEP-00	92	99091M5	014
				99091M5	018
				99091M5	005
				99091M5	010
		12-SEP-00	98	99091M5	011
				99091M5	014
				99091M5	018
				99091M5	005
				99091M5	010

STUDY NUMBER: 99091 INDIVIDUAL CLINICAL SIGNS
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : PIONEER 3394
TARGET DOSE : 33.00 %

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
DEATH	SACRIFICED IN EXTREMIS	31-AUG-00	86	99091M6	009
	SCHEDULED SACRIFICE	13-SEP-00	99	99091M6	001
				99091M6	002
				99091M6	003
		14-SEP-00	100	99091M6	005
				99091M6	006
				99091M6	004
				99091M6	007
		15-SEP-00	101	99091M6	011
				99091M6	014
				99091M6	008
		18-SEP-00	104	99091M6	015
				99091M6	017
				99091M6	016
				99091M6	018
				99091M6	010
		19-SEP-00	105	99091M6	012
		20-SEP-00	106	99091M6	013
		21-SEP-00	107	99091M6	019
				99091M6	020
MOUTH	SWOLLEN MOUTH	30-AUG-00	85	99091M6	009
EYE(S)	PERIORBITAL ENCRUSTATION	23-AUG-00	78	99091M6	010
		30-AUG-00	85	99091M6	009
EAR(S)	TORN/LACERATED	5-JUL-00	29	99091M6	013
		12-JUL-00	36	99091M6	013
		19-JUL-00	43	99091M6	013
		26-JUL-00	50	99091M6	002
				99091M6	013
		2-AUG-00	57	99091M6	002

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL CLINICAL SIGNS

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PIONEER 3394
TARGET DOSE : 33.00 %

SEX: MALE

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
EAR(S)	TORN/LACERATED	2-AUG-00	57	99091M6	013
		9-AUG-00	64	99091M6	002
				99091M6	013
		16-AUG-00	71	99091M6	002
				99091M6	013
		23-AUG-00	78	99091M6	002
				99091M6	013
		30-AUG-00	85	99091M6	002
				99091M6	013
		6-SEP-00	92	99091M6	002
				99091M6	013
		12-SEP-00	98	99091M6	002
				99091M6	013
INTEGUMENT	FOCAL LOSS OF HAIR	26-JUL-00	50	99091M6	010
		2-AUG-00	57	99091M6	010
		9-AUG-00	64	99091M6	010
	ABRASION(S)	21-JUN-00	15	99091M6	004
				99091M6	010
		28-JUN-00	22	99091M6	004
				99091M6	010
		5-JUL-00	29	99091M6	004
				99091M6	010
		12-JUL-00	36	99091M6	010
		19-JUL-00	43	99091M6	010
	SCAB(S)	21-JUN-00	15	99091M6	004
				99091M6	010
		28-JUN-00	22	99091M6	004
				99091M6	010
		5-JUL-00	29	99091M6	004
				99091M6	010
		12-JUL-00	36	99091M6	010

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL CLINICAL SIGNS

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PIONEER 3394
TARGET DOSE : 33.00 %

SEX: MALE

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
INTEGUMENT	SCAB(S)	19-JUL-00	43	99091M6	010
FEET AND LIMBS	FOCAL LOSS OF HAIR	26-JUL-00	50	99091M6	005
		2-AUG-00	57	99091M6	005
		9-AUG-00	64	99091M6	005
		16-AUG-00	71	99091M6	005
		23-AUG-00	78	99091M6	005
		30-AUG-00	85	99091M6	005
		6-SEP-00	92	99091M6	005
		12-SEP-00	98	99091M6	005
				99091M6	014
EXCRETA	DECREASED DEFECATION	30-AUG-00	85	99091M6	009

STUDY NUMBER: 99091 INDIVIDUAL CLINICAL SIGNS
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : CROPLAN GENETICS 461
TARGET DOSE : 33.00 %

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL
DEATH	SCHEDULED SACRIFICE	13-SEP-00	99	99091M7 001
				99091M7 002
				99091M7 003
		14-SEP-00	100	99091M7 005
				99091M7 006
				99091M7 004
				99091M7 007
		15-SEP-00	101	99091M7 011
				99091M7 014
				99091M7 008
		18-SEP-00	104	99091M7 015
				99091M7 016
				99091M7 009
				99091M7 010
		19-SEP-00	105	99091M7 017
				99091M7 018
				99091M7 012
		20-SEP-00	106	99091M7 013
		21-SEP-00	107	99091M7 019
		22-SEP-00	108	99091M7 020
EYE(S)	RED DISCHARGE	28-JUN-00	22	99091M7 007
		5-JUL-00	29	99091M7 007
		12-JUL-00	36	99091M7 007
		19-JUL-00	43	99091M7 007
	PERIORBITAL WETNESS	12-JUL-00	36	99091M7 007
		19-JUL-00	43	99091M7 007
	PERIORBITAL ENCRUSTATION	5-JUL-00	29	99091M7 007
		26-JUL-00	50	99091M7 007
		2-AUG-00	57	99091M7 007
EAR(S)	TORN/LACERATED	7-JUN-00	1	99091M7 002

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL CLINICAL SIGNS

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : CROPLAN GENETICS 461
TARGET DOSE : 33.00 %

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL
EAR(S)	TORN/LACERATED	7-JUN-00	1	99091M7 009
				99091M7 020
		14-JUN-00	8	99091M7 002
				99091M7 009
				99091M7 020
		21-JUN-00	15	99091M7 002
				99091M7 009
				99091M7 020
		28-JUN-00	22	99091M7 002
				99091M7 009
				99091M7 020
		5-JUL-00	29	99091M7 002
				99091M7 009
				99091M7 020
		12-JUL-00	36	99091M7 002
				99091M7 009
				99091M7 019
				99091M7 020
		19-JUL-00	43	99091M7 009
				99091M7 019
				99091M7 020
		26-JUL-00	50	99091M7 009
				99091M7 019
				99091M7 020
				99091M7 002
		2-AUG-00	57	99091M7 002
				99091M7 009
				99091M7 019
				99091M7 020
		9-AUG-00	64	99091M7 002
				99091M7 009
				99091M7 019

STUDY NUMBER: 99091 INDIVIDUAL CLINICAL SIGNS
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : CROPLAN GENETICS 461
TARGET DOSE : 33.00 %

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL
EAR(S)	TORN/LACERATED	9-AUG-00	64	99091M7 020
		16-AUG-00	71	99091M7 002
				99091M7 009
				99091M7 019
				99091M7 020
		23-AUG-00	78	99091M7 002
				99091M7 009
				99091M7 019
				99091M7 020
		30-AUG-00	85	99091M7 002
				99091M7 009
				99091M7 019
				99091M7 020
		6-SEP-00	92	99091M7 002
				99091M7 009
				99091M7 019
				99091M7 020
		12-SEP-00	98	99091M7 002
				99091M7 009
				99091M7 019
				99091M7 020
	RED	12-SEP-00	98	99091M7 014
	SWOLLEN	12-SEP-00	98	99091M7 014
	SCAB(S)	7-JUN-00	1	99091M7 009
		14-JUN-00	8	99091M7 009
FEET AND LIMBS	FOCAL LOSS OF HAIR	23-AUG-00	78	99091M7 009
		30-AUG-00	85	99091M7 009
				99091M7 011
				99091M7 020
		6-SEP-00	92	99091M7 009
				99091M7 011

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL CLINICAL SIGNS

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CROPLAN GENETICS 461
TARGET DOSE : 33.00 %

SEX: MALE

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL
FEET AND LIMBS	FOCAL LOSS OF HAIR	6-SEP-00	92	99091M7 020
		12-SEP-00	98	99091M7 009
				99091M7 011
				99091M7 020

STUDY NUMBER: 99091 INDIVIDUAL CLINICAL SIGNS
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : CAMPBELLS 6995
TARGET DOSE : 33.00 %

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
DEATH	SCHEDULED SACRIFICE	13-SEP-00	99	99091M8	001
				99091M8	002
				99091M8	003
		14-SEP-00	100	99091M8	005
				99091M8	006
				99091M8	004
				99091M8	007
		15-SEP-00	101	99091M8	011
				99091M8	014
				99091M8	008
		18-SEP-00	104	99091M8	015
				99091M8	016
				99091M8	009
		19-SEP-00	105	99091M8	017
				99091M8	018
				99091M8	010
				99091M8	012
		20-SEP-00	106	99091M8	013
		21-SEP-00	107	99091M8	019
		22-SEP-00	108	99091M8	020
EAR(S)	TORN/LACERATED	7-JUN-00	1	99091M8	008
				99091M8	011
		14-JUN-00	8	99091M8	008
				99091M8	011
		21-JUN-00	15	99091M8	008
				99091M8	011
		28-JUN-00	22	99091M8	008
				99091M8	011
		5-JUL-00	29	99091M8	008
				99091M8	011
		12-JUL-00	36	99091M8	011

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL CLINICAL SIGNS

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CAMPBELLS 6995
TARGET DOSE : 33.00 %

SEX: MALE

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
EAR(S)	TORN/LACERATED	12-JUL-00	36	99091M8	008
		19-JUL-00	43	99091M8	008
		26-JUL-00	50	99091M8	011
				99091M8	008
		2-AUG-00	57	99091M8	011
				99091M8	008
		9-AUG-00	64	99091M8	011
				99091M8	008
		16-AUG-00	71	99091M8	011
				99091M8	008
		23-AUG-00	78	99091M8	011
				99091M8	008
		30-AUG-00	85	99091M8	011
				99091M8	008
		6-SEP-00	92	99091M8	011
				99091M8	008
		12-SEP-00	98	99091M8	008
				99091M8	011
	SCAB(S)	7-JUN-00	1	99091M8	008
FEET AND LIMBS	FOCAL LOSS OF HAIR	26-JUL-00	50	99091M8	007
		2-AUG-00	57	99091M8	007
		9-AUG-00	64	99091M8	017
				99091M8	007
		16-AUG-00	71	99091M8	017
				99091M8	007
		23-AUG-00	78	99091M8	013
				99091M8	017
				99091M8	007
		30-AUG-00	85	99091M8	013
				99091M8	017
				99091M8	007

STUDY NUMBER: 99091 INDIVIDUAL CLINICAL SIGNS
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : CAMPBELLS 6995
TARGET DOSE : 33.00 %

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL
FEET AND LIMBS	FOCAL LOSS OF HAIR	6-SEP-00	92	99091M8 013
				99091M8 017
				99091M8 004
				99091M8 007
		12-SEP-00	98	99091M8 004
				99091M8 007
				99091M8 013
				99091M8 017

STUDY NUMBER: 99091 INDIVIDUAL CLINICAL SIGNS
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : DK 539
TARGET DOSE : 33.00 %

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
DEATH	SCHEDULED SACRIFICE	13-SEP-00	99	99091M9	001
				99091M9	002
				99091M9	003
		14-SEP-00	100	99091M9	005
				99091M9	006
				99091M9	004
		15-SEP-00	101	99091M9	011
				99091M9	014
				99091M9	007
				99091M9	008
		18-SEP-00	104	99091M9	015
				99091M9	016
				99091M9	009
		19-SEP-00	105	99091M9	017
				99091M9	018
				99091M9	010
				99091M9	012
		20-SEP-00	106	99091M9	013
		21-SEP-00	107	99091M9	019
		22-SEP-00	108	99091M9	020
EYE(S)	PERIORBITAL ENCRUSTATION	30-AUG-00	85	99091M9	011
		6-SEP-00	92	99091M9	011
EAR(S)	TORN/LACERATED	7-JUN-00	1	99091M9	002
		14-JUN-00	8	99091M9	002
				99091M9	017
		21-JUN-00	15	99091M9	002
				99091M9	011
				99091M9	017
		28-JUN-00	22	99091M9	002
				99091M9	010

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL CLINICAL SIGNS

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : DK 539
TARGET DOSE : 33.00 %

SEX: MALE

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
EAR(S)	TORN/LACERATED	28-JUN-00	22	99091M9	011
				99091M9	017
		5-JUL-00	29	99091M9	002
				99091M9	009
				99091M9	010
				99091M9	011
				99091M9	017
		12-JUL-00	36	99091M9	002
				99091M9	009
				99091M9	010
				99091M9	011
				99091M9	017
		19-JUL-00	43	99091M9	009
				99091M9	010
				99091M9	017
		26-JUL-00	50	99091M9	002
				99091M9	011
				99091M9	009
				99091M9	010
		2-AUG-00	57	99091M9	002
				99091M9	009
				99091M9	010
				99091M9	011
				99091M9	017
		9-AUG-00	64	99091M9	002
				99091M9	009
				99091M9	010
				99091M9	011
				99091M9	017
		16-AUG-00	71	99091M9	002
				99091M9	009
				99091M9	010

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL CLINICAL SIGNS

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : DK 539
TARGET DOSE : 33.00 %

SEX: MALE

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
EAR(S)	TORN/LACERATED	16-AUG-00	71	99091M9	011
				99091M9	017
		23-AUG-00	78	99091M9	002
				99091M9	009
				99091M9	010
				99091M9	011
				99091M9	017
		30-AUG-00	85	99091M9	002
				99091M9	009
				99091M9	010
				99091M9	011
				99091M9	017
		6-SEP-00	92	99091M9	002
				99091M9	009
				99091M9	010
				99091M9	011
				99091M9	017
		12-SEP-00	98	99091M9	002
				99091M9	009
				99091M9	010
				99091M9	011
				99091M9	017
	SCAB(S)	7-JUN-00	1	99091M9	002
		14-JUN-00	8	99091M9	017
		21-JUN-00	15	99091M9	011
FEET AND LIMBS	FOCAL LOSS OF HAIR	16-AUG-00	71	99091M9	001
		23-AUG-00	78	99091M9	001
				99091M9	011
		30-AUG-00	85	99091M9	001
				99091M9	011
		6-SEP-00	92	99091M9	001

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL CLINICAL SIGNS

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : DK 539
TARGET DOSE : 33.00 %

SEX: MALE

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL
FEET AND LIMBS	FOCAL LOSS OF HAIR	6-SEP-00	92	99091M9 011
		12-SEP-00	98	99091M9 001
				99091M9 011

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL CLINICAL SIGNS

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : DK 537
TARGET DOSE : 33.00 %

SEX: MALE

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL
DEATH	SCHEDULED SACRIFICE	13-SEP-00	99	99091M10 001
				99091M10 002
				99091M10 003
		14-SEP-00	100	99091M10 005
				99091M10 006
				99091M10 004
		15-SEP-00	101	99091M10 011
				99091M10 014
				99091M10 007
				99091M10 008
		18-SEP-00	104	99091M10 015
				99091M10 016
				99091M10 009
		19-SEP-00	105	99091M10 017
				99091M10 018
				99091M10 010
				99091M10 012
		20-SEP-00	106	99091M10 013
		21-SEP-00	107	99091M10 019
		22-SEP-00	108	99091M10 020
MOUTH	MISSING TEETH	23-AUG-00	78	99091M10 016
		30-AUG-00	85	99091M10 016
		6-SEP-00	92	99091M10 016
		12-SEP-00	98	99091M10 016
EYE(S)	PERIORBITAL ENCRUSTATION	23-AUG-00	78	99091M10 016
		30-AUG-00	85	99091M10 016
		6-SEP-00	92	99091M10 016
		12-SEP-00	98	99091M10 016
EXCRETA	BLOOD-LIKE URINE COLOR	12-SEP-00	98	99091M10 016

STUDY NUMBER: 99091 INDIVIDUAL CLINICAL SIGNS
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : NK 603-L
TARGET DOSE : 11.00 %

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
DEATH	SCHEDULED SACRIFICE	19-SEP-00	105	99091F1	001
				99091F1	002
		20-SEP-00	106	99091F1	005
				99091F1	006
				99091F1	011
		21-SEP-00	107	99091F1	014
				99091F1	015
		22-SEP-00	108	99091F1	016
				99091F1	003
		25-SEP-00	111	99091F1	017
				99091F1	018
				99091F1	004
				99091F1	007
		26-SEP-00	112	99091F1	008
				99091F1	009
				99091F1	010
		27-SEP-00	113	99091F1	012
				99091F1	019
				99091F1	013
				99091F1	020
EYE(S)	RED DISCHARGE	12-JUL-00	36	99091F1	002
EAR(S)	TORN/LACERATED	7-JUN-00	1	99091F1	001
				99091F1	002
				99091F1	016
		14-JUN-00	8	99091F1	001
				99091F1	002
				99091F1	016
		21-JUN-00	15	99091F1	001
				99091F1	002
				99091F1	016

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL CLINICAL SIGNS

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : NK 603-L
TARGET DOSE : 11.00 %

SEX: FEMALE

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
EAR(S)	TORN/LACERATED	28-JUN-00	22	99091F1	001
				99091F1	002
				99091F1	016
		5-JUL-00	29	99091F1	001
				99091F1	002
				99091F1	016
		12-JUL-00	36	99091F1	001
				99091F1	002
				99091F1	016
		19-JUL-00	43	99091F1	001
				99091F1	002
				99091F1	016
				99091F1	018
		26-JUL-00	50	99091F1	018
		2-AUG-00	57	99091F1	001
				99091F1	002
				99091F1	016
		9-AUG-00	64	99091F1	018
				99091F1	001
				99091F1	002
				99091F1	016
		16-AUG-00	71	99091F1	001
				99091F1	002
				99091F1	016
				99091F1	018
		23-AUG-00	78	99091F1	001
				99091F1	002
				99091F1	016
				99091F1	018
		30-AUG-00	85	99091F1	001
				99091F1	002
				99091F1	016

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL CLINICAL SIGNS

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : NK 603-L
TARGET DOSE : 11.00 %

SEX: FEMALE

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
EAR(S)	TORN/LACERATED	30-AUG-00	85	99091F1	018
		6-SEP-00	92	99091F1	001
				99091F1	002
				99091F1	016
				99091F1	018
		12-SEP-00	98	99091F1	001
				99091F1	002
				99091F1	016
				99091F1	018
	RED	30-AUG-00	85	99091F1	011
		6-SEP-00	92	99091F1	011
		12-SEP-00	98	99091F1	011
	SWOLLEN	30-AUG-00	85	99091F1	011
		6-SEP-00	92	99091F1	011
		12-SEP-00	98	99091F1	011
	SCAB(S)	7-JUN-00	1	99091F1	016
FEET AND LIMBS	FOCAL LOSS OF HAIR	30-AUG-00	85	99091F1	010
		6-SEP-00	92	99091F1	010
		12-SEP-00	98	99091F1	010

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL CLINICAL SIGNS

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : NK 603-H
TARGET DOSE : 33.00 %

SEX: FEMALE

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
DEATH	SCHEDULED SACRIFICE	19-SEP-00	105	99091F2	001
				99091F2	005
		20-SEP-00	106	99091F2	002
				99091F2	006
				99091F2	011
		21-SEP-00	107	99091F2	014
				99091F2	015
		22-SEP-00	108	99091F2	016
				99091F2	003
		25-SEP-00	111	99091F2	017
				99091F2	018
				99091F2	004
				99091F2	007
		26-SEP-00	112	99091F2	008
				99091F2	009
				99091F2	010
		27-SEP-00	113	99091F2	012
				99091F2	019
				99091F2	013
				99091F2	020
EAR(S)	TORN/LACERATED	7-JUN-00	1	99091F2	001
				99091F2	003
		14-JUN-00	8	99091F2	001
				99091F2	002
				99091F2	003
		21-JUN-00	15	99091F2	001
				99091F2	002
				99091F2	003
		28-JUN-00	22	99091F2	001
				99091F2	002
				99091F2	003

STUDY NUMBER: 99091 INDIVIDUAL CLINICAL SIGNS
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : NK 603-H
TARGET DOSE : 33.00 %

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
EAR(S)	TORN/LACERATED	5-JUL-00	29	99091F2	001
				99091F2	002
				99091F2	003
				99091F2	013
		12-JUL-00	36	99091F2	001
				99091F2	002
				99091F2	003
				99091F2	013
				99091F2	018
		19-JUL-00	43	99091F2	003
				99091F2	013
				99091F2	018
				99091F2	001
				99091F2	002
		26-JUL-00	50	99091F2	018
				99091F2	003
				99091F2	013
		2-AUG-00	57	99091F2	013
				99091F2	003
				99091F2	001
				99091F2	002
		9-AUG-00	64	99091F2	018
				99091F2	013
				99091F2	001
				99091F2	002
				99091F2	003
		16-AUG-00	71	99091F2	013
				99091F2	018
				99091F2	001
				99091F2	002
				99091F2	003
		23-AUG-00	78	99091F2	013

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL CLINICAL SIGNS

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : NK 603-H
TARGET DOSE : 33.00 %

SEX: FEMALE

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL
EAR(S)	TORN/LACERATED	23-AUG-00	78	99091F2 018
				99091F2 001
				99091F2 002
				99091F2 003
		30-AUG-00	85	99091F2 001
				99091F2 002
				99091F2 003
				99091F2 013
				99091F2 018
		6-SEP-00	92	99091F2 001
				99091F2 002
				99091F2 003
				99091F2 013
				99091F2 018
		12-SEP-00	98	99091F2 001
				99091F2 002
				99091F2 003
				99091F2 013
				99091F2 018

STUDY NUMBER: 99091 INDIVIDUAL CLINICAL SIGNS
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : PARENT-L
TARGET DOSE : 11.00 %

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
DEATH	SCHEDULED SACRIFICE	19-SEP-00	105	99091F3	001
		20-SEP-00	106	99091F3	002
				99091F3	005
				99091F3	006
		21-SEP-00	107	99091F3	011
				99091F3	014
		22-SEP-00	108	99091F3	015
				99091F3	016
				99091F3	003
		25-SEP-00	111	99091F3	017
				99091F3	018
				99091F3	004
				99091F3	007
		26-SEP-00	112	99091F3	008
				99091F3	009
				99091F3	010
		27-SEP-00	113	99091F3	013
				99091F3	012
				99091F3	019
				99091F3	020
EAR(S)	TORN/LACERATED	7-JUN-00	1	99091F3	005
				99091F3	006
				99091F3	016
		14-JUN-00	8	99091F3	005
				99091F3	006
				99091F3	016
		21-JUN-00	15	99091F3	005
				99091F3	006
				99091F3	016
		28-JUN-00	22	99091F3	005
				99091F3	006

STUDY NUMBER: 99091 INDIVIDUAL CLINICAL SIGNS
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : PARENT-L
TARGET DOSE : 11.00 %

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
EAR(S)	TORN/LACERATED	28-JUN-00	22	99091F3	015
				99091F3	016
		5-JUL-00	29	99091F3	005
				99091F3	006
				99091F3	015
				99091F3	016
		12-JUL-00	36	99091F3	005
				99091F3	006
				99091F3	015
				99091F3	016
		19-JUL-00	43	99091F3	005
				99091F3	006
				99091F3	015
				99091F3	016
		2-AUG-00	57	99091F3	005
				99091F3	006
				99091F3	015
				99091F3	016
		9-AUG-00	64	99091F3	005
				99091F3	006
				99091F3	015
				99091F3	016
		16-AUG-00	71	99091F3	005
				99091F3	006
				99091F3	015
				99091F3	016
		23-AUG-00	78	99091F3	005
				99091F3	006
				99091F3	015
				99091F3	016
		30-AUG-00	85	99091F3	005
				99091F3	006

STUDY NUMBER: 99091 INDIVIDUAL CLINICAL SIGNS
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : PARENT-L
TARGET DOSE : 11.00 %

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL
EAR(S)	TORN/LACERATED	30-AUG-00	85	99091F3 015
				99091F3 016
		6-SEP-00	92	99091F3 005
				99091F3 006
				99091F3 015
				99091F3 016
		12-SEP-00	98	99091F3 005
				99091F3 006
				99091F3 015
				99091F3 016
	SCAB(S)	7-JUN-00	1	99091F3 016
FEET AND LIMBS	FOCAL LOSS OF HAIR	19-JUL-00	43	99091F3 004
				99091F3 009
		26-JUL-00	50	99091F3 004
				99091F3 009
		2-AUG-00	57	99091F3 004
				99091F3 009
		9-AUG-00	64	99091F3 009
		16-AUG-00	71	99091F3 004
				99091F3 009
				99091F3 014
				99091F3 016
		23-AUG-00	78	99091F3 004
				99091F3 009
				99091F3 014
				99091F3 016
		30-AUG-00	85	99091F3 004
				99091F3 009
				99091F3 014
				99091F3 016
		6-SEP-00	92	99091F3 004

STUDY NUMBER: 99091 INDIVIDUAL CLINICAL SIGNS
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : PARENT-L
TARGET DOSE : 11.00 %

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL
FEET AND LIMBS	FOCAL LOSS OF HAIR	6-SEP-00	92	99091F3 009
				99091F3 014
				99091F3 016
		12-SEP-00	98	99091F3 004
				99091F3 009
				99091F3 014
				99091F3 016
	SWOLLEN	9-AUG-00	64	99091F3 004

STUDY NUMBER: 99091 INDIVIDUAL CLINICAL SIGNS
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : PARENT-H
TARGET DOSE : 33.00 %

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
DEATH	SCHEDULED SACRIFICE	19-SEP-00	105	99091F4	001
		20-SEP-00	106	99091F4	002
				99091F4	005
				99091F4	006
		21-SEP-00	107	99091F4	011
				99091F4	014
		22-SEP-00	108	99091F4	015
				99091F4	016
				99091F4	003
		25-SEP-00	111	99091F4	017
				99091F4	018
				99091F4	004
				99091F4	007
		26-SEP-00	112	99091F4	008
				99091F4	009
				99091F4	010
		27-SEP-00	113	99091F4	013
				99091F4	012
				99091F4	019
				99091F4	020
EAR(S)	TORN/LACERATED	7-JUN-00	1	99091F4	005
				99091F4	015
				99091F4	017
		14-JUN-00	8	99091F4	005
				99091F4	015
				99091F4	017
		21-JUN-00	15	99091F4	001
				99091F4	005
				99091F4	015
				99091F4	017
		28-JUN-00	22	99091F4	001

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL CLINICAL SIGNS

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PARENT-H
TARGET DOSE : 33.00 %

SEX: FEMALE

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
EAR(S)	TORN/LACERATED	28-JUN-00	22	99091F4	005
				99091F4	015
				99091F4	017
		5-JUL-00	29	99091F4	001
				99091F4	005
				99091F4	015
				99091F4	017
		12-JUL-00	36	99091F4	001
				99091F4	005
				99091F4	015
				99091F4	017
		19-JUL-00	43	99091F4	001
				99091F4	005
				99091F4	015
				99091F4	009
				99091F4	017
		26-JUL-00	50	99091F4	017
				99091F4	009
		2-AUG-00	57	99091F4	009
				99091F4	001
				99091F4	005
				99091F4	015
		9-AUG-00	64	99091F4	017
				99091F4	001
				99091F4	005
				99091F4	009
				99091F4	015
		16-AUG-00	71	99091F4	001
				99091F4	005
				99091F4	009
				99091F4	015
				99091F4	017

STUDY NUMBER: 99091 INDIVIDUAL CLINICAL SIGNS
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : PARENT-H
TARGET DOSE : 33.00 %

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
EAR(S)	TORN/LACERATED	23-AUG-00	78	99091F4	001
				99091F4	005
				99091F4	009
				99091F4	015
				99091F4	017
		30-AUG-00	85	99091F4	001
				99091F4	005
				99091F4	009
				99091F4	015
				99091F4	017
		6-SEP-00	92	99091F4	001
				99091F4	005
				99091F4	009
				99091F4	015
				99091F4	017
		12-SEP-00	98	99091F4	001
				99091F4	005
				99091F4	009
				99091F4	015
				99091F4	017
	RED	16-AUG-00	71	99091F4	018
		23-AUG-00	78	99091F4	018
		30-AUG-00	85	99091F4	018
		6-SEP-00	92	99091F4	018
		12-SEP-00	98	99091F4	006
				99091F4	018
	SWOLLEN	16-AUG-00	71	99091F4	018
		23-AUG-00	78	99091F4	018
		30-AUG-00	85	99091F4	018
		6-SEP-00	92	99091F4	018
		12-SEP-00	98	99091F4	006
				99091F4	018

STUDY NUMBER: 99091 INDIVIDUAL CLINICAL SIGNS
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : PARENT-H
TARGET DOSE : 33.00 %

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
INTEGUMENT	FOCAL LOSS OF HAIR	23-AUG-00	78	99091F4	008
		30-AUG-00	85	99091F4	008
		6-SEP-00	92	99091F4	008
		12-SEP-00	98	99091F4	008
FEET AND LIMBS	FOCAL LOSS OF HAIR	16-AUG-00	71	99091F4	008
		23-AUG-00	78	99091F4	008
		30-AUG-00	85	99091F4	008
		6-SEP-00	92	99091F4	008
		12-SEP-00	98	99091F4	007
				99091F4	008

STUDY NUMBER: 99091 INDIVIDUAL CLINICAL SIGNS
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : CROWS 363
TARGET DOSE : 33.00 %

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
DEATH	SCHEDULED SACRIFICE	19-SEP-00	105	99091F5	001
		20-SEP-00	106	99091F5	002
				99091F5	005
		21-SEP-00	107	99091F5	006
				99091F5	011
				99091F5	014
		22-SEP-00	108	99091F5	015
				99091F5	016
				99091F5	003
		25-SEP-00	111	99091F5	017
				99091F5	018
				99091F5	004
		26-SEP-00	112	99091F5	007
				99091F5	008
				99091F5	009
				99091F5	010
		27-SEP-00	113	99091F5	012
				99091F5	013
				99091F5	019
		28-SEP-00	114	99091F5	020
EAR(S)	TORN/LACERATED	14-JUN-00	8	99091F5	009
				99091F5	012
		21-JUN-00	15	99091F5	012
				99091F5	009
		28-JUN-00	22	99091F5	012
				99091F5	009
				99091F5	010
		5-JUL-00	29	99091F5	012
				99091F5	018
				99091F5	020
				99091F5	005

STUDY NUMBER: 99091 INDIVIDUAL CLINICAL SIGNS
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : CROWS 363
TARGET DOSE : 33.00 %

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL
EAR(S)	TORN/LACERATED	5-JUL-00	29	99091F5 009
				99091F5 010
		12-JUL-00	36	99091F5 012
				99091F5 018
				99091F5 020
				99091F5 005
				99091F5 009
				99091F5 010
		19-JUL-00	43	99091F5 012
				99091F5 020
				99091F5 018
				99091F5 009
				99091F5 010
				99091F5 005
		26-JUL-00	50	99091F5 018
				99091F5 012
				99091F5 020
				99091F5 009
				99091F5 010
		2-AUG-00	57	99091F5 005
				99091F5 009
				99091F5 010
				99091F5 012
				99091F5 020
		9-AUG-00	64	99091F5 018
				99091F5 005
				99091F5 009
				99091F5 010
				99091F5 012
				99091F5 020
		16-AUG-00	71	99091F5 005
				99091F5 009

STUDY NUMBER: 99091 INDIVIDUAL CLINICAL SIGNS
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : CROWS 363
TARGET DOSE : 33.00 %

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
EAR(S)	TORN/LACERATED	16-AUG-00	71	99091F5	010
				99091F5	012
				99091F5	018
				99091F5	020
		23-AUG-00	78	99091F5	005
				99091F5	009
				99091F5	010
				99091F5	012
				99091F5	018
				99091F5	020
		30-AUG-00	85	99091F5	005
				99091F5	009
				99091F5	010
				99091F5	012
				99091F5	018
				99091F5	020
		6-SEP-00	92	99091F5	005
				99091F5	009
				99091F5	010
				99091F5	012
				99091F5	018
				99091F5	020
		12-SEP-00	98	99091F5	005
				99091F5	009
				99091F5	010
				99091F5	012
				99091F5	018
				99091F5	020
	RED	2-AUG-00	57	99091F5	013
		9-AUG-00	64	99091F5	013
		16-AUG-00	71	99091F5	010
				99091F5	013

STUDY NUMBER: 99091 INDIVIDUAL CLINICAL SIGNS
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : CROWS 363
TARGET DOSE : 33.00 %

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
EAR(S)	RED	23-AUG-00	78	99091F5	010
				99091F5	013
		30-AUG-00	85	99091F5	010
				99091F5	013
		6-SEP-00	92	99091F5	010
				99091F5	013
		12-SEP-00	98	99091F5	010
				99091F5	013
	SWOLLEN	2-AUG-00	57	99091F5	013
		9-AUG-00	64	99091F5	013
		16-AUG-00	71	99091F5	010
				99091F5	013
		23-AUG-00	78	99091F5	010
				99091F5	013
		30-AUG-00	85	99091F5	010
				99091F5	013
		6-SEP-00	92	99091F5	010
				99091F5	013
		12-SEP-00	98	99091F5	010
				99091F5	013
FEET AND LIMBS	FOCAL LOSS OF HAIR	30-AUG-00	85	99091F5	006
		6-SEP-00	92	99091F5	006
		12-SEP-00	98	99091F5	006

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL CLINICAL SIGNS

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PIONEER 3394
TARGET DOSE : 33.00 %

SEX: FEMALE

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
DEATH	SCHEDULED SACRIFICE	19-SEP-00	105	99091F6	001
		20-SEP-00	106	99091F6	002
				99091F6	005
		21-SEP-00	107	99091F6	006
				99091F6	011
				99091F6	014
		22-SEP-00	108	99091F6	015
				99091F6	016
				99091F6	003
		25-SEP-00	111	99091F6	017
				99091F6	018
				99091F6	004
		26-SEP-00	112	99091F6	007
				99091F6	008
				99091F6	009
				99091F6	010
		27-SEP-00	113	99091F6	012
				99091F6	013
				99091F6	019
		28-SEP-00	114	99091F6	020
MOUTH	MISSING TEETH	19-JUL-00	43	99091F6	014
		2-AUG-00	57	99091F6	014
		9-AUG-00	64	99091F6	014
		16-AUG-00	71	99091F6	014
		23-AUG-00	78	99091F6	014
		30-AUG-00	85	99091F6	014
		6-SEP-00	92	99091F6	014
		12-SEP-00	98	99091F6	014
EYE(S)	PERIORBITAL ENCRUSTATION	19-JUL-00	43	99091F6	014
		2-AUG-00	57	99091F6	014

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL CLINICAL SIGNS

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PIONEER 3394
TARGET DOSE : 33.00 %

SEX: FEMALE

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
EYE(S)	PERIORBITAL ENCRUSTATION	9-AUG-00	64	99091F6	014
		16-AUG-00	71	99091F6	014
		23-AUG-00	78	99091F6	014
		12-SEP-00	98	99091F6	014
EAR(S)	TORN/LACERATED	7-JUN-00	1	99091F6	017
		14-JUN-00	8	99091F6	017
		21-JUN-00	15	99091F6	017
		28-JUN-00	22	99091F6	017
		5-JUL-00	29	99091F6	003
				99091F6	017
		12-JUL-00	36	99091F6	003
				99091F6	017
		19-JUL-00	43	99091F6	003
				99091F6	017
		26-JUL-00	50	99091F6	017
				99091F6	003
		2-AUG-00	57	99091F6	003
		9-AUG-00	64	99091F6	017
				99091F6	003
		16-AUG-00	71	99091F6	003
				99091F6	017
		23-AUG-00	78	99091F6	003
				99091F6	017
		30-AUG-00	85	99091F6	003
				99091F6	017
		6-SEP-00	92	99091F6	003
				99091F6	017
		12-SEP-00	98	99091F6	003
				99091F6	017
	RED	12-SEP-00	98	99091F6	013
	SWOLLEN	12-SEP-00	98	99091F6	013

STUDY NUMBER: 99091 INDIVIDUAL CLINICAL SIGNS
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : CROPLAN GENETICS 461
TARGET DOSE : 33.00 %

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
DEATH	SCHEDULED SACRIFICE	19-SEP-00	105	99091F7	001
		20-SEP-00	106	99091F7	002
				99091F7	005
		21-SEP-00	107	99091F7	006
				99091F7	011
				99091F7	014
		22-SEP-00	108	99091F7	015
				99091F7	016
				99091F7	003
		25-SEP-00	111	99091F7	017
				99091F7	018
				99091F7	004
		26-SEP-00	112	99091F7	007
				99091F7	008
				99091F7	009
				99091F7	010
		27-SEP-00	113	99091F7	013
				99091F7	012
				99091F7	019
		28-SEP-00	114	99091F7	020
EAR(S)	TORN/LACERATED	28-JUN-00	22	99091F7	003
				99091F7	008
		5-JUL-00	29	99091F7	003
				99091F7	008
		12-JUL-00	36	99091F7	003
				99091F7	008
		19-JUL-00	43	99091F7	003
				99091F7	008
		26-JUL-00	50	99091F7	003
				99091F7	008
		2-AUG-00	57	99091F7	003

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL CLINICAL SIGNS

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CROPLAN GENETICS 461
TARGET DOSE : 33.00 %

SEX: FEMALE

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
EAR(S)	TORN/LACERATED	2-AUG-00	57	99091F7	008
				99091F7	005
		9-AUG-00	64	99091F7	003
				99091F7	005
				99091F7	008
		16-AUG-00	71	99091F7	003
				99091F7	005
				99091F7	008
		23-AUG-00	78	99091F7	003
				99091F7	005
				99091F7	008
		30-AUG-00	85	99091F7	003
				99091F7	005
				99091F7	008
		6-SEP-00	92	99091F7	003
				99091F7	005
				99091F7	008
		12-SEP-00	98	99091F7	003
				99091F7	005
				99091F7	008
FEET AND LIMBS	FOCAL LOSS OF HAIR	2-AUG-00	57	99091F7	015
		9-AUG-00	64	99091F7	015
		16-AUG-00	71	99091F7	015
		23-AUG-00	78	99091F7	015
		30-AUG-00	85	99091F7	005
				99091F7	015
		6-SEP-00	92	99091F7	005
				99091F7	015
		12-SEP-00	98	99091F7	005
				99091F7	015

STUDY NUMBER: 99091 INDIVIDUAL CLINICAL SIGNS
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : CAMPBELLS 6995
TARGET DOSE : 33.00 %

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
DEATH	SCHEDULED SACRIFICE	19-SEP-00	105	99091F8	001
		20-SEP-00	106	99091F8	002
				99091F8	005
		21-SEP-00	107	99091F8	006
				99091F8	011
				99091F8	014
		22-SEP-00	108	99091F8	015
				99091F8	016
				99091F8	003
		25-SEP-00	111	99091F8	017
				99091F8	018
				99091F8	004
		26-SEP-00	112	99091F8	007
				99091F8	008
				99091F8	009
				99091F8	010
		27-SEP-00	113	99091F8	013
				99091F8	012
				99091F8	019
		28-SEP-00	114	99091F8	020
MOUTH	BROKEN TEETH	23-AUG-00	78	99091F8	014
		30-AUG-00	85	99091F8	014
		6-SEP-00	92	99091F8	014
		12-SEP-00	98	99091F8	014
EYE(S)	PERIORBITAL ENCRUSTATION	23-AUG-00	78	99091F8	014
		30-AUG-00	85	99091F8	014
EAR(S)	TORN/LACERATED	7-JUN-00	1	99091F8	006
		14-JUN-00	8	99091F8	006
				99091F8	009

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL CLINICAL SIGNS

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CAMPBELLS 6995
TARGET DOSE : 33.00 %

SEX: FEMALE

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
EAR(S)	TORN/LACERATED	21-JUN-00	15	99091F8	006
				99091F8	009
		28-JUN-00	22	99091F8	006
				99091F8	009
		5-JUL-00	29	99091F8	006
				99091F8	009
		12-JUL-00	36	99091F8	006
				99091F8	009
		19-JUL-00	43	99091F8	009
				99091F8	013
				99091F8	006
		26-JUL-00	50	99091F8	009
				99091F8	013
		2-AUG-00	57	99091F8	006
				99091F8	009
				99091F8	013
		9-AUG-00	64	99091F8	006
				99091F8	009
				99091F8	013
		16-AUG-00	71	99091F8	006
				99091F8	009
				99091F8	013
		23-AUG-00	78	99091F8	006
				99091F8	009
				99091F8	013
		30-AUG-00	85	99091F8	006
				99091F8	009
				99091F8	013
		6-SEP-00	92	99091F8	006
				99091F8	009
				99091F8	013
		12-SEP-00	98	99091F8	006

STUDY NUMBER: 99091 INDIVIDUAL CLINICAL SIGNS
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : CAMPBELLS 6995
TARGET DOSE : 33.00 %

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL
EAR(S)	TORN/LACERATED	12-SEP-00	98	99091F8 009
				99091F8 013
FEET AND LIMBS	FOCAL LOSS OF HAIR	16-AUG-00	71	99091F8 011
		23-AUG-00	78	99091F8 011
		30-AUG-00	85	99091F8 011
		6-SEP-00	92	99091F8 011
		12-SEP-00	98	99091F8 011

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL CLINICAL SIGNS

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : DK 539
TARGET DOSE : 33.00 %

SEX: FEMALE

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
DEATH	SCHEDULED SACRIFICE	19-SEP-00	105	99091F9	001
		20-SEP-00	106	99091F9	002
				99091F9	005
		21-SEP-00	107	99091F9	006
				99091F9	011
		22-SEP-00	108	99091F9	015
				99091F9	014
				99091F9	016
				99091F9	003
		25-SEP-00	111	99091F9	017
				99091F9	018
				99091F9	004
		26-SEP-00	112	99091F9	007
				99091F9	008
				99091F9	009
				99091F9	010
		27-SEP-00	113	99091F9	012
				99091F9	013
				99091F9	019
		28-SEP-00	114	99091F9	020
EAR(S)	TORN/LACERATED	14-JUN-00	8	99091F9	015
				99091F9	020
		21-JUN-00	15	99091F9	007
				99091F9	015
				99091F9	017
				99091F9	020
		28-JUN-00	22	99091F9	007
				99091F9	015
				99091F9	017
				99091F9	020
		5-JUL-00	29	99091F9	005

STUDY NUMBER: 99091 INDIVIDUAL CLINICAL SIGNS
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : DK 539
TARGET DOSE : 33.00 %

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL
EAR(S)	TORN/LACERATED	5-JUL-00	29	99091F9 007
				99091F9 015
				99091F9 017
				99091F9 020
		12-JUL-00	36	99091F9 005
				99091F9 007
				99091F9 015
				99091F9 017
				99091F9 020
		19-JUL-00	43	99091F9 007
				99091F9 017
				99091F9 020
				99091F9 005
				99091F9 015
		26-JUL-00	50	99091F9 017
				99091F9 003
				99091F9 007
				99091F9 020
		2-AUG-00	57	99091F9 003
				99091F9 007
				99091F9 020
				99091F9 001
				99091F9 005
				99091F9 006
				99091F9 015
		9-AUG-00	64	99091F9 017
				99091F9 001
				99091F9 003
				99091F9 005
				99091F9 006
				99091F9 007
				99091F9 015

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL CLINICAL SIGNS

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : DK 539
TARGET DOSE : 33.00 %

SEX: FEMALE

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL	
EAR(S)	TORN/LACERATED	9-AUG-00	64	99091F9	020
		16-AUG-00	71	99091F9	001
				99091F9	003
				99091F9	005
				99091F9	006
				99091F9	007
				99091F9	015
				99091F9	017
				99091F9	020
		23-AUG-00	78	99091F9	001
				99091F9	003
				99091F9	005
				99091F9	006
				99091F9	007
				99091F9	015
				99091F9	017
				99091F9	020
		30-AUG-00	85	99091F9	001
				99091F9	003
				99091F9	005
				99091F9	006
				99091F9	007
				99091F9	015
				99091F9	017
				99091F9	020
		6-SEP-00	92	99091F9	001
				99091F9	003
				99091F9	005
				99091F9	006
				99091F9	007
				99091F9	015
				99091F9	017

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL CLINICAL SIGNS

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : DK 539
TARGET DOSE : 33.00 %

SEX: FEMALE

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL
EAR(S)	TORN/LACERATED	6-SEP-00	92	99091F9 020
		12-SEP-00	98	99091F9 001
				99091F9 003
				99091F9 005
				99091F9 006
				99091F9 007
				99091F9 015
				99091F9 017
				99091F9 020
	SCAB(S)	14-JUN-00	8	99091F9 015
		21-JUN-00	15	99091F9 017
		28-JUN-00	22	99091F9 017
FEET AND LIMBS	FOCAL LOSS OF HAIR	12-SEP-00	98	99091F9 018

STUDY NUMBER: 99091 INDIVIDUAL CLINICAL SIGNS
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : DK 537
TARGET DOSE : 33.00 %

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL
DEATH	SCHEDULED SACRIFICE	19-SEP-00	105	99091F10 001
		20-SEP-00	106	99091F10 002
				99091F10 005
		21-SEP-00	107	99091F10 006
				99091F10 011
		22-SEP-00	108	99091F10 015
				99091F10 014
				99091F10 016
				99091F10 003
		25-SEP-00	111	99091F10 017
				99091F10 018
				99091F10 004
		26-SEP-00	112	99091F10 007
				99091F10 008
				99091F10 009
				99091F10 010
		27-SEP-00	113	99091F10 012
				99091F10 013
				99091F10 019
		28-SEP-00	114	99091F10 020
EAR(S)	TORN/LACERATED	7-JUN-00	1	99091F10 009
				99091F10 013
		14-JUN-00	8	99091F10 005
				99091F10 009
				99091F10 013
		21-JUN-00	15	99091F10 005
				99091F10 009
				99091F10 013
		28-JUN-00	22	99091F10 005
				99091F10 009
				99091F10 013

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL CLINICAL SIGNS

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : DK 537
TARGET DOSE : 33.00 %

SEX: FEMALE

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL
EAR(S)	TORN/LACERATED	5-JUL-00	29	99091F10 005
				99091F10 009
				99091F10 013
		12-JUL-00	36	99091F10 001
				99091F10 005
				99091F10 009
				99091F10 013
		19-JUL-00	43	99091F10 013
				99091F10 001
				99091F10 005
		26-JUL-00	50	99091F10 013
		2-AUG-00	57	99091F10 001
				99091F10 005
				99091F10 013
		9-AUG-00	64	99091F10 001
				99091F10 005
				99091F10 013
		16-AUG-00	71	99091F10 001
				99091F10 005
				99091F10 013
		23-AUG-00	78	99091F10 001
				99091F10 005
				99091F10 013
		30-AUG-00	85	99091F10 001
				99091F10 005
				99091F10 009
				99091F10 013
		6-SEP-00	92	99091F10 001
				99091F10 005
				99091F10 009
				99091F10 013
		12-SEP-00	98	99091F10 001

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL CLINICAL SIGNS

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : DK 537
TARGET DOSE : 33.00 %

SEX: FEMALE

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL
EAR(S)	TORN/LACERATED	12-SEP-00	98	99091F10 005
				99091F10 009
				99091F10 013
	RED	12-SEP-00	98	99091F10 015
	SWOLLEN	12-SEP-00	98	99091F10 015
FEET AND LIMBS	FOCAL LOSS OF HAIR	12-SEP-00	98	99091F10 004
				99091F10 012

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT DATA (GM)
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : NK 603-L
TARGET DOSE : 11.00 %

ANIMAL	DATE (2000): DAY OF STUDY:	7-JUN 1	14-JUN 8	21-JUN 15	28-JUN 22	5-JUL 29	12-JUL 36	19-JUL 43	26-JUL 50	2-AUG 57	9-AUG 64	16-AUG 71	23-AUG 78
99091M1	001	226.2	287.5	336.9	382.8	422.8	454.3		505.9	541.1	552.3	575.0	591.9
99091M1	002	241.1	293.3	331.0	367.8	393.9	420.4		445.0	461.2	477.0	480.7	489.5
99091M1	003	223.2	278.3	319.5	357.5	386.7	411.7	433.0	459.4	481.5	499.4	507.1	512.5
99091M1	004	227.9	278.2	319.9	355.5	380.5	412.4	432.3	451.1	470.8	483.2	503.0	508.6
99091M1	005	259.1	315.1	359.3	397.8	435.7	459.7		502.6	525.8	536.8	548.8	551.2
99091M1	006	229.3	291.1	344.6	380.6	423.9	455.5		503.2	528.0	546.8	559.0	566.0
99091M1	007	242.0	306.0	362.7	404.1	451.3	459.2	506.3	536.8	563.8	584.7	604.1	620.0
99091M1	008	207.5	257.4	304.9	342.1	380.3	409.4	433.9	460.0	476.6	499.8	511.7	530.4
99091M1	009	232.5	278.1	321.0	355.7	389.8	412.2	438.5	460.0	482.1	500.0	517.2	529.9
99091M1	010	243.1	299.0	348.6	378.8	415.5	438.5	453.0	482.2	505.9	524.7	534.2	552.5
99091M1	011	215.9	264.2	313.4	352.9	386.5	416.7		445.9	472.8	498.5	510.8	518.2
99091M1	012	243.2	297.8	342.1	373.1	406.4	426.3	446.7	468.9	486.2	504.4	514.5	526.6
99091M1	013	259.7	328.4	394.9	454.7	512.6	551.5	585.2	628.3	653.7	685.7	715.1	731.0
99091M1	014	219.3	270.5	310.6	341.5	367.4	391.7		424.9	437.8	462.1	474.4	483.1
99091M1	015	243.7	295.2	338.7	374.2	405.8	427.8		457.6	476.0	497.2	506.9	516.4
99091M1	016	239.0	296.5	347.0	389.1	425.3	432.9		494.6	515.7	533.3	548.4	556.3
99091M1	017	236.6	287.0	331.9	371.4	403.5	429.8	435.2		474.7	495.8	500.5	515.9
99091M1	018	243.5	300.9	348.5	388.3	418.2	453.7	471.9		511.3	534.7	548.6	562.2
99091M1	019	257.1	315.7	369.5	413.6	451.0	467.5	504.9	528.3	544.6	562.5	582.8	586.4
99091M1	020	225.4	283.0	332.3	372.5	402.7	432.6	453.5	471.4	487.1	502.6	521.9	537.3

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT DATA (GM)
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : NK 603-L
TARGET DOSE : 11.00 %

ANIMAL	DATE (2000): DAY OF STUDY:	30-AUG 85	6-SEP 92	12-SEP 98
99091M1	001	605.9	610.4	632.1
99091M1	002	501.1	500.7	512.4
99091M1	003	526.0	538.6	548.7
99091M1	004	524.9	522.6	533.7
99091M1	005	564.8	570.6	587.4
99091M1	006	573.2	583.6	596.3
99091M1	007	623.3	634.1	648.7
99091M1	008	546.1	559.6	570.5
99091M1	009	543.4	551.7	567.3
99091M1	010	564.6	575.4	594.4
99091M1	011	529.7	540.3	547.4
99091M1	012	538.6	539.6	554.5
99091M1	013	727.0	724.3	744.8
99091M1	014	491.9	500.8	514.4
99091M1	015	521.3	534.8	549.3
99091M1	016	558.9	571.4	586.3
99091M1	017	521.7	529.7	545.6
99091M1	018	571.4	582.7	595.4
99091M1	019	575.7	591.7	608.2
99091M1	020	544.6	558.7	570.0

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT DATA (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : NK 603-H
TARGET DOSE : 33.00 %

SEX: MALE

ANIMAL	DATE (2000): DAY OF STUDY:	7-JUN 1	14-JUN 8	21-JUN 15	28-JUN 22	5-JUL 29	12-JUL 36	19-JUL 43	26-JUL 50	2-AUG 57	9-AUG 64	16-AUG 71	23-AUG 78
99091M2	001	213.9	263.2	302.2	337.8	355.3	387.9		421.0	438.1	456.3	463.9	470.7
99091M2	002	230.4	274.9	323.3	355.8	377.0	403.3		435.2	452.2	464.7	468.7	482.8
99091M2	003	243.4	302.6	360.4	397.7	437.5	461.4	492.2	512.6	532.3	552.7	569.6	579.9
99091M2	004	235.6	288.2	335.7	377.6	411.2	432.6	453.9	448.3	470.8	493.2	500.3	504.1
99091M2	005	249.5	300.6	346.1	387.2	429.9	437.1		512.2	533.0	543.9	550.9	565.6
99091M2	006	237.3	294.5	346.9	387.7	428.5	467.5		513.6	529.6	553.7	562.0	591.7
99091M2	007	232.4	290.4	338.6	378.7	418.8	454.2	471.4	490.8	510.8	524.1	540.3	551.0
99091M2	008	239.3	303.3	350.5	382.2	419.7	451.9	470.9	496.7	513.7	527.5	539.4	549.9
99091M2	009	254.3	310.3	346.8	382.5	420.6	447.0	467.2	494.3	513.0	517.6	537.4	549.2
99091M2	010	236.2	300.0	357.7	407.2	458.1	466.5	509.5	543.9	565.0	581.6	593.1	607.0
99091M2	011	218.4	271.2	315.3	351.3	377.4	399.7		400.5	434.0	451.9	461.2	468.4
99091M2	012	241.1	299.3	360.1	408.1	438.7	459.4	485.4	508.6	523.4	533.6	546.5	550.1
99091M2	013	224.4	278.8	324.7	366.1	396.7	427.5	451.1	469.0	490.5	504.9	513.9	525.4
99091M2	014	226.8	280.9	327.6	377.4	418.4	448.7		480.9	508.5	542.7	555.6	567.2
99091M2	015	244.2	320.0	384.6	453.6	512.7	565.0		602.5	667.8	656.7	717.7	719.7
99091M2	016	247.5	300.5	336.8	373.8	400.5	427.4		459.6	475.3	489.9	502.2	508.7
99091M2	017	211.0	264.0	311.5	352.2	383.6	421.5	440.1		476.2	497.3	500.1	519.5
99091M2	018	212.4	263.8	302.1	341.4	370.6	396.0	415.0		456.0	475.9	485.5	501.9
99091M2	019	240.4	296.4	338.5	377.3	416.6	446.6	481.7	485.7	512.3	537.0	561.6	583.4
99091M2	020	254.8	317.5	360.1	401.5	444.8	449.2	495.9	521.3	537.9	560.4	574.9	594.7

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT DATA (GM)
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : NK 603-H
TARGET DOSE : 33.00 %

ANIMAL	DATE (2000): DAY OF STUDY:	30-AUG 85	6-SEP 92	12-SEP 98
99091M2	001	487.3	498.3	509.7
99091M2	002	483.8	490.7	502.3
99091M2	003	585.8	604.6	610.9
99091M2	004	506.2	516.5	536.4
99091M2	005	565.3	576.9	594.6
99091M2	006	585.3	603.0	619.2
99091M2	007	558.0	565.5	583.5
99091M2	008	563.6	572.2	587.8
99091M2	009	561.0	570.9	586.6
99091M2	010	616.6	632.8	650.8
99091M2	011	478.7	484.7	492.0
99091M2	012	561.9	567.6	584.8
99091M2	013			
99091M2	014	577.3	584.8	608.1
99091M2	015	741.7	765.0	797.7
99091M2	016	508.8	519.8	532.0
99091M2	017	528.1	533.9	549.4
99091M2	018	510.6	526.4	545.0
99091M2	019	589.8	606.2	626.1
99091M2	020	607.9	622.7	649.6

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT DATA (GM)
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : PARENT-L
TARGET DOSE : 11.00 %

ANIMAL	DATE (2000): DAY OF STUDY:	7-JUN 1	14-JUN 8	21-JUN 15	28-JUN 22	5-JUL 29	12-JUL 36	19-JUL 43	26-JUL 50	2-AUG 57	9-AUG 64	16-AUG 71	23-AUG 78
99091M3	001	244.5	295.2	329.9	361.5	391.0	409.4		437.2	452.9	464.9	475.8	481.0
99091M3	002	246.5	302.7	359.8	407.3	444.7	476.8		520.7	553.4	578.4	593.7	605.4
99091M3	003	214.7	260.7	299.8	332.9	359.4	381.4	392.9	413.2	432.5	443.0	446.2	459.1
99091M3	004	235.4	281.9	316.7	349.6	376.4	396.6	413.8	426.9	439.5	448.5	455.0	463.7
99091M3	005	228.7	283.3	338.2	382.0	419.6	450.2		489.4	516.1	536.6	551.0	565.3
99091M3	006	213.7	267.6	309.9	349.4	383.1	411.3		449.7	465.6	482.6	494.4	504.1
99091M3	007	229.6	283.3	332.7	376.4	416.1	444.1	471.8	489.7	508.1	530.3	542.3	560.6
99091M3	008	225.9	284.6	328.6	369.8	407.4	437.3	471.2	491.2	512.9	536.8	554.7	574.9
99091M3	009	232.3	292.2	340.3	392.9	413.6	470.8	489.4	518.1	534.8	558.5	574.9	591.1
99091M3	010	216.8	262.8	320.0	365.6	405.7	434.4	457.6	482.1	492.8	510.1	526.3	543.6
99091M3	011	226.8	281.6	328.9	361.3	394.1	418.2		441.3	457.8	474.5	486.3	491.0
99091M3	012	248.6	322.8	382.3	451.4	512.7	562.3	575.4	621.1	650.3	679.1	699.9	723.1
99091M3	013	238.3	290.3	332.9	364.2	389.3	410.8	432.9	439.7	447.2	468.9	475.3	487.1
99091M3	014	250.5	303.2	342.9	381.0	416.5	425.8		471.7	500.0	516.8	529.0	543.7
99091M3	015	250.5	308.5	341.8	377.6	410.1	429.5		471.7	498.4	516.5	533.8	545.0
99091M3	016	228.6	279.1	324.0	364.0	393.3	415.4		443.0	460.9	476.3	480.2	488.7
99091M3	017	222.5	271.1	320.8	364.4	389.4	416.6	443.1		474.6	494.9	504.1	517.5
99091M3	018	257.4	317.2	366.2	409.0	442.5	473.5	496.8		534.3	552.5	561.2	575.1
99091M3	019	235.2	301.4	343.5	382.2	408.4	426.1	454.6	474.3	488.7	506.2	508.3	525.4
99091M3	020	241.0	294.0	338.5	373.3	403.0	426.1	447.6	460.5	477.5	496.5	509.7	526.3

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT DATA (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PARENT-L
TARGET DOSE : 11.00 %

SEX: MALE

ANIMAL	DATE (2000): DAY OF STUDY:	30-AUG 85	6-SEP 92	12-SEP 98
99091M3	001	492.1	499.8	513.7
99091M3	002	622.5	628.4	652.7
99091M3	003	467.8	475.6	489.6
99091M3	004	460.8	461.4	475.3
99091M3	005	572.5	584.0	596.5
99091M3	006	513.6	522.2	533.6
99091M3	007	573.9	585.2	600.1
99091M3	008	595.3	604.9	630.9
99091M3	009	607.1	616.8	642.2
99091M3	010	548.7	566.5	581.8
99091M3	011	499.9	505.2	522.3
99091M3	012	742.3	762.9	789.1
99091M3	013	498.2	501.2	512.4
99091M3	014	550.8	560.6	576.1
99091M3	015	563.3	566.1	584.1
99091M3	016	490.0	502.5	516.4
99091M3	017	525.7	536.7	549.9
99091M3	018	584.4	592.8	608.0
99091M3	019	528.5	536.8	550.3
99091M3	020	535.6	552.9	564.3

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT DATA (GM)
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : PARENT-H
TARGET DOSE : 33.00 %

ANIMAL	DATE (2000): DAY OF STUDY:	7-JUN 1	14-JUN 8	21-JUN 15	28-JUN 22	5-JUL 29	12-JUL 36	19-JUL 43	26-JUL 50	2-AUG 57	9-AUG 64	16-AUG 71	23-AUG 78
99091M4	001	240.1	286.7	330.6	372.2	407.9	426.1		471.8	494.4	506.9	515.2	519.5
99091M4	002	240.5	303.6	353.1	399.2	437.6	469.8		511.2	536.8	562.0	581.7	596.2
99091M4	003	213.2	270.2	315.0	355.3	385.0	412.9	439.6	460.2	481.8	500.0	512.3	527.8
99091M4	004	230.9	283.5	319.3	364.8	393.8	422.7	441.5	459.0	476.1	497.2	511.7	525.0
99091M4	005	225.7	276.7	315.4	354.8	379.7	408.9		439.1	456.3	476.4	485.4	499.7
99091M4	006	219.3	271.7	318.7	350.0	386.3	416.7		450.6	471.1	491.7	503.8	514.1
99091M4	007	236.4	291.5	338.7	380.5	411.0	418.4	456.8	471.7	492.8	511.7	520.7	533.7
99091M4	008	234.6	293.9	334.8	377.7	408.1	430.0	447.4	469.4	491.2	518.9	531.6	545.6
99091M4	009	256.2	325.7	370.8	414.3	446.2	463.6	512.1	537.3	555.0	583.1	589.5	603.9
99091M4	010	232.2	298.0	355.0	395.4	423.8	455.0	485.3	511.2	536.3	555.6	567.8	589.4
99091M4	011	217.6	269.7	312.8	349.5	373.7	401.4		434.7	446.4	462.5	465.6	476.5
99091M4	012	241.0	300.7	346.3	401.7	438.6	464.6	492.0	511.6	528.2	545.0	555.4	567.0
99091M4	013	246.6	302.6	339.3	375.0	400.3	416.3	441.2	461.3	471.9	488.4	508.7	503.5
99091M4	014	224.2	274.3	311.2	339.2	362.3	378.2		402.5	409.9	425.7	431.9	443.2
99091M4	015	247.1	303.7	342.7	380.4	417.1	428.7		485.3	511.4	529.6	551.5	565.1
99091M4	016	245.1	306.6	351.4	386.6	421.4	449.2		492.8	516.3	530.6	541.7	554.3
99091M4	017	228.5	287.4	332.3	376.1	412.8	453.0	479.8		514.0	534.6	542.5	548.0
99091M4	018	246.3	303.2	342.4	382.6	415.4	441.8	460.6		486.5	507.5	517.9	520.8
99091M4	019	223.1	282.0	323.3	367.7	395.1	418.7	449.5	472.9	490.5	507.4	526.4	540.3
99091M4	020	216.1	267.6	310.0	350.5	379.5	404.1	429.0	420.6	436.1	451.9	469.4	479.8

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT DATA (GM)
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : PARENT-H
TARGET DOSE : 33.00 %

ANIMAL	DATE (2000): DAY OF STUDY:	30-AUG 85	6-SEP 92	12-SEP 98
99091M4	001	533.7	548.5	554.1
99091M4	002	607.2	625.0	644.8
99091M4	003	523.5	538.2	559.0
99091M4	004	534.8	541.0	561.2
99091M4	005	515.1	529.2	534.3
99091M4	006	516.9	530.5	547.0
99091M4	007	537.6	546.5	565.6
99091M4	008	553.9	561.1	576.1
99091M4	009	614.6	627.0	633.6
99091M4	010	595.6	612.1	626.0
99091M4	011	484.8	495.2	499.8
99091M4	012	574.0	576.8	593.4
99091M4	013	528.9	533.3	549.5
99091M4	014	450.3	460.1	469.1
99091M4	015	577.3	585.3	605.1
99091M4	016	558.2	570.5	585.2
99091M4	017	555.6	560.5	581.5
99091M4	018	531.6	539.5	550.9
99091M4	019	552.4	555.1	584.8
99091M4	020	485.5	491.5	500.4

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT DATA (GM)
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : CROWS 363
TARGET DOSE : 33.00 %

ANIMAL	DATE (2000): DAY OF STUDY:	7-JUN 1	14-JUN 8	21-JUN 15	28-JUN 22	5-JUL 29	12-JUL 36	19-JUL 43	26-JUL 50	2-AUG 57	9-AUG 64	16-AUG 71	23-AUG 78
99091M5	001	229.4	279.4	315.6	348.5	370.9	395.5		424.9	438.7	455.2	468.8	481.9
99091M5	002	235.5	297.3	340.6	383.3	413.0	433.5		479.0	498.1	525.1	534.0	545.3
99091M5	003	216.7	267.6	312.0	344.3	373.7	393.8	416.5	434.3	454.0	469.4	475.9	488.7
99091M5	004	229.7	288.0	335.5	380.5	414.2	456.9	482.1	504.6	527.7	544.3	556.9	568.9
99091M5	005	238.7	296.9	343.7	387.7	418.9	455.1		492.8	509.1	534.4	547.6	556.6
99091M5	006	248.2	305.3	343.1	387.7	420.9	451.4		494.9	515.9	544.5	545.9	562.8
99091M5	007	231.9	285.1	329.7	364.8	382.2	400.4	423.8	436.2	449.5	460.9	470.7	474.8
99091M5	008	244.8	302.0	348.5	380.1	411.7	437.3	455.7	468.2	487.1	505.1	514.5	526.9
99091M5	009	232.6	283.6	322.6	360.8	389.1	414.2	441.4	460.1	476.0	496.7	506.5	516.3
99091M5	010	221.6	280.7	334.6	371.8	416.2	441.9	469.5	486.8	505.4	532.5	546.3	562.0
99091M5	011	223.6	274.4	318.4	354.7	387.3	411.1		442.1	461.9	478.7	489.5	493.6
99091M5	012	229.4	282.0	329.8	368.0	403.6	437.3	461.4	476.8	494.9	510.6	516.5	528.9
99091M5	013	239.2	295.9	337.0	377.8	409.6	434.7	455.5	465.6	485.7	503.6	515.4	527.7
99091M5	014	247.1	306.3	354.6	391.9	435.7	449.9		500.1	526.9	544.5	548.4	556.4
99091M5	015	212.0	255.9	299.9	333.9	360.2	385.3		412.6	431.9	453.0	461.1	474.2
99091M5	016	251.8	318.8	370.5	423.0	456.4	477.2		545.2	575.5	598.4	608.1	629.5
99091M5	017	212.8	265.4	308.8	343.2	371.9	394.4	410.3		445.8	466.4	480.7	494.0
99091M5	018	208.3	250.6	290.6	327.5	360.8	385.2	405.3		431.4	443.8	454.0	460.5
99091M5	019	231.6	288.0	330.1	372.1	406.9	436.2	456.2	475.2	492.8	506.8	519.7	524.8
99091M5	020	254.5	306.7	357.8	401.2	426.8	470.5	492.6	516.9	546.1	569.9	589.3	599.0

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT DATA (GM)
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : CROWS 363
TARGET DOSE : 33.00 %

ANIMAL	DATE (2000): DAY OF STUDY:	30-AUG 85	6-SEP 92	12-SEP 98
99091M5	001	493.4	496.4	504.9
99091M5	002	556.4	561.5	575.1
99091M5	003	491.4	502.0	509.1
99091M5	004	585.6	591.2	610.2
99091M5	005	570.1	577.1	584.0
99091M5	006	575.3	578.1	593.1
99091M5	007	487.5	488.9	495.0
99091M5	008	535.9	526.8	554.9
99091M5	009	529.1	537.6	555.1
99091M5	010	571.8	576.6	588.9
99091M5	011	501.1	510.5	523.5
99091M5	012	541.4	556.1	566.8
99091M5	013	544.8	555.2	572.9
99091M5	014	569.4	578.5	594.2
99091M5	015	487.4	492.1	507.9
99091M5	016	644.9	655.5	665.5
99091M5	017	507.4	519.9	531.6
99091M5	018	474.7	475.5	488.1
99091M5	019	539.5	547.5	558.3
99091M5	020	614.8	635.7	651.9

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT DATA (GM)
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : PIONEER 3394
TARGET DOSE : 33.00 %

ANIMAL	DATE (2000): DAY OF STUDY:	7-JUN 1	14-JUN 8	21-JUN 15	28-JUN 22	5-JUL 29	12-JUL 36	19-JUL 43	26-JUL 50	2-AUG 57	9-AUG 64	16-AUG 71	23-AUG 78
99091M6	001	223.3	265.0	307.3	336.9	367.3	395.4		426.9	436.0	457.2	468.3	482.1
99091M6	002	231.6	282.8	315.6	347.9	381.2	405.4		431.9	454.7	475.1	479.4	493.6
99091M6	003	213.3	261.9	302.8	337.0	374.6	387.8	418.6	435.6	450.8	465.5	483.9	494.3
99091M6	004	204.5	258.8	297.9	339.3	368.8	386.7	409.9	437.9	461.1	479.8	493.3	501.9
99091M6	005	230.3	274.4	312.0	334.1	357.8	371.1		385.3	399.0	412.4	421.3	432.5
99091M6	006	236.6	288.4	330.5	364.7	397.6	422.8		449.7	472.8	484.7	504.8	516.7
99091M6	007	231.7	283.2	328.7	372.0	404.8	427.5	459.3	475.3	493.8	516.0	526.6	537.9
99091M6	008	229.7	282.4	324.2	360.3	395.5	411.0	450.8	470.8	489.8	511.1	523.9	533.7
99091M6	009	251.4	318.3	366.4	407.9	432.3	469.4	499.3	530.0	551.3	577.7	585.8	605.0
99091M6	010	238.4	292.0	334.4	371.0	396.1	398.1	442.6	463.5	479.2	497.7	511.9	514.1
99091M6	011	220.2	281.6	330.0	377.2	409.8	433.5		475.4	510.5	530.4	546.0	560.2
99091M6	012	249.1	307.8	352.8	385.5	414.8	440.8	459.6	480.6	504.6	523.2	536.6	549.3
99091M6	013	230.6	277.8	323.0	362.5	396.1	421.2	441.5	455.0	474.5	486.1	499.3	510.0
99091M6	014	244.7	301.3	346.7	383.2	407.3	430.5		471.9	494.4	511.0	517.3	528.0
99091M6	015	221.9	280.4	328.1	371.0	413.3	445.5	470.3		508.0	531.1	537.9	557.3
99091M6	016	228.0	282.3	334.9	372.7	406.6	429.0	452.8		505.9	522.3	540.2	552.6
99091M6	017	227.9	284.9	325.6	362.3	395.9	424.7	441.7		472.6	488.9	498.9	510.4
99091M6	018	218.1	263.5	304.9	340.9	374.5	398.5	424.2		452.4	475.2	488.2	503.2
99091M6	019	250.1	315.3	363.5	401.5	421.4	475.7	508.7	545.3	567.2	593.0	614.2	633.7
99091M6	020	225.8	281.2	312.8	350.4	366.4	419.5	444.2	463.6	481.6	497.6	502.8	522.0

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT DATA (GM)
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : PIONEER 3394
TARGET DOSE : 33.00 %

ANIMAL	DATE (2000): DAY OF STUDY:	30-AUG 85	6-SEP 92	12-SEP 98
99091M6	001	493.1	502.6	521.2
99091M6	002	509.2	516.7	533.4
99091M6	003	519.8	530.5	549.1
99091M6	004	517.4	528.7	546.6
99091M6	005	437.2	437.5	446.2
99091M6	006	527.9	539.2	543.2
99091M6	007	552.5	564.6	580.1
99091M6	008	545.0	554.3	566.8
99091M6	009	497.4		
99091M6	010	514.5	524.4	529.0
99091M6	011	577.4	589.8	605.1
99091M6	012	566.2	569.9	587.8
99091M6	013	514.2	525.6	529.4
99091M6	014	550.3	558.8	562.8
99091M6	015	574.7	586.0	604.4
99091M6	016	572.8	590.4	604.1
99091M6	017	522.5	530.3	546.0
99091M6	018	520.0	525.0	542.1
99091M6	019	651.0	681.9	679.0
99091M6	020	528.8	532.1	541.7

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT DATA (GM)
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : CROPLAN GENETICS 461
TARGET DOSE : 33.00 %

ANIMAL	DATE (2000): DAY OF STUDY:	7-JUN 1	14-JUN 8	21-JUN 15	28-JUN 22	5-JUL 29	12-JUL 36	19-JUL 43	26-JUL 50	2-AUG 57	9-AUG 64	16-AUG 71	23-AUG 78
99091M7	001	239.8	308.6	364.3	416.2	440.1	464.5		529.9	566.9	590.4	603.3	611.0
99091M7	002	250.9	312.6	354.5	393.8	423.0	447.1		471.5	496.4	516.0	534.8	542.2
99091M7	003	212.5	265.4	312.3	354.3	381.6	418.5	440.2	469.7	496.9	513.4	531.0	541.4
99091M7	004	236.8	298.3	355.7	393.0	429.4	448.2	479.5	501.0	528.2	550.3	564.0	577.7
99091M7	005	227.6	281.1	327.7	363.3	388.4	411.7		458.7	487.7	511.0	523.4	538.7
99091M7	006	201.5	235.1	268.8	298.2	331.3	358.7		386.9	402.7	421.3	432.4	444.3
99091M7	007	237.1	286.8	343.7	379.4	409.7	439.9	454.3	475.2	496.2	509.9	523.6	528.8
99091M7	008	229.3	279.1	314.8	349.3	381.0	403.0	429.2	448.7	466.5	475.8	481.8	486.3
99091M7	009	229.0	278.0	318.6	354.3	383.6	409.8	428.8	451.9	472.4	488.6	502.9	517.6
99091M7	010	225.5	276.7	327.1	363.6	389.2	416.4	434.4	447.7	463.7	484.6	491.4	501.9
99091M7	011	213.2	260.4	299.6	336.1	374.5	410.1		439.2	469.0	489.5	505.4	520.6
99091M7	012	252.5	312.8	358.4	400.2	435.2	467.6	491.3	515.1	531.8	546.6	560.6	569.0
99091M7	013	238.4	291.6	329.0	363.7	388.8	424.6	443.5	469.6	492.1	506.3	520.8	537.9
99091M7	014	221.7	270.4	306.2	346.9	381.5	410.0		431.6	460.8	475.2	491.6	509.7
99091M7	015	230.3	277.4	322.8	362.3	400.8	424.3	454.9		493.4	504.6	517.2	529.6
99091M7	016	246.4	306.6	358.6	406.9	440.9	466.2	508.9		565.2	586.1	609.7	623.5
99091M7	017	220.2	279.1	330.1	370.0	416.5	459.7	484.1		532.7	561.2	580.4	604.9
99091M7	018	236.8	312.1	381.7	436.9	481.2	542.9	584.9		636.3	656.1	689.8	709.3
99091M7	019	231.9	286.6	343.5	382.6	413.3	438.3	456.6	484.3	502.8	519.9	527.1	539.2
99091M7	020	247.6	309.9	350.1	396.9	431.7	451.2	474.9	492.2	518.7	539.5	544.5	561.7

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT DATA (GM)
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : CROPLAN GENETICS 461
TARGET DOSE : 33.00 %

ANIMAL	DATE (2000): DAY OF STUDY:	30-AUG 85	6-SEP 92	12-SEP 98
99091M7	001	620.4	641.6	654.5
99091M7	002	560.2	564.1	582.5
99091M7	003	558.6	569.9	587.2
99091M7	004	585.6	605.9	616.2
99091M7	005	548.8	555.1	572.5
99091M7	006	450.8	460.8	472.9
99091M7	007	539.0	553.5	561.7
99091M7	008	485.5	513.5	526.1
99091M7	009	528.2	538.8	560.9
99091M7	010	520.7	530.0	545.0
99091M7	011	529.9	542.6	561.7
99091M7	012	584.9	600.8	613.8
99091M7	013	550.9	569.2	585.0
99091M7	014	522.1	540.0	550.0
99091M7	015	544.1	561.8	572.6
99091M7	016	648.0	662.7	689.4
99091M7	017	623.0	642.9	663.2
99091M7	018	730.1	753.7	781.9
99091M7	019	551.3	561.8	578.2
99091M7	020	570.1	580.9	603.4

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT DATA (GM)
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : CAMPBELLS 6995
TARGET DOSE : 33.00 %

ANIMAL	DATE (2000): DAY OF STUDY:	7-JUN 1	14-JUN 8	21-JUN 15	28-JUN 22	5-JUL 29	12-JUL 36	19-JUL 43	26-JUL 50	2-AUG 57	9-AUG 64	16-AUG 71	23-AUG 78
99091M8	001	225.1	281.1	324.9	363.4	399.9	426.1		460.7	476.3	493.3	506.4	518.2
99091M8	002	219.1	269.9	310.3	347.0	372.6	399.9		424.4	445.4	460.8	470.5	485.0
99091M8	003	246.9	301.7	350.9	390.8	428.8	451.5	478.0	495.8	517.8	532.8	537.8	556.9
99091M8	004	203.8	239.2	273.2	302.0	326.2	345.8	359.6	374.5	390.2	398.1	407.2	418.2
99091M8	005	244.9	303.0	349.6	390.4	422.3	457.1		487.5	512.3	528.7	547.0	559.4
99091M8	006	244.7	301.3	346.5	383.6	416.8	448.0		483.1	499.6	521.7	532.1	552.0
99091M8	007	221.2	271.3	319.7	359.2	386.2	408.2	428.4	447.6	463.7	476.0	485.9	494.8
99091M8	008	230.5	284.5	337.8	378.2	410.9	437.5	465.5	485.6	507.6	527.3	544.5	554.3
99091M8	009	214.7	266.8	306.7	337.0	366.4	393.1	413.5	431.9	449.5	461.4	478.6	497.9
99091M8	010	219.8	271.4	309.9	346.8	370.1	395.4	412.2	430.7	445.3	463.4	471.9	484.0
99091M8	011	244.3	301.2	352.9	392.6	435.3	445.7		495.9	519.3	542.8	553.2	566.7
99091M8	012	238.8	293.7	332.5	364.8	396.1	419.7	442.3	455.7	479.3	492.8	512.4	523.2
99091M8	013	232.7	283.5	322.7	363.2	395.0	425.5	442.9	468.9	492.9	503.1	522.2	531.2
99091M8	014	247.0	302.8	355.5	397.1	437.6	462.2		502.8	529.4	552.8	561.4	574.3
99091M8	015	222.3	270.8	323.3	373.8	411.9	438.2	481.1		539.1	563.2	592.1	618.1
99091M8	016	243.1	299.7	348.5	396.0	429.7	455.3	480.9		512.8	528.6	545.9	556.9
99091M8	017	236.4	293.7	344.9	385.6	427.4	426.0	473.5		519.2	540.1	557.0	569.3
99091M8	018	220.0	279.6	333.9	381.5	425.3	458.2	482.7		537.1	550.9	562.3	574.3
99091M8	019	225.3	290.2	344.7	387.8	424.9	448.1	483.4	509.2	536.6	557.3	572.7	585.0
99091M8	020	221.7	278.9	328.8	366.6	397.6	425.2	440.2	456.7	479.0	491.7	503.5	517.8

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT DATA (GM)
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : CAMPBELLS 6995
TARGET DOSE : 33.00 %

ANIMAL	DATE (2000): DAY OF STUDY:	30-AUG 85	6-SEP 92	12-SEP 98
99091M8	001	526.4	534.9	545.1
99091M8	002	494.1	505.6	518.8
99091M8	003	564.7	584.6	595.0
99091M8	004	421.9	428.6	438.1
99091M8	005	574.2	585.5	608.0
99091M8	006	566.5	577.1	595.3
99091M8	007	472.5	471.9	487.3
99091M8	008	572.5	583.9	603.4
99091M8	009	502.7	516.6	532.8
99091M8	010	492.4	495.1	504.1
99091M8	011	581.0	596.4	615.9
99091M8	012	532.5	547.9	563.6
99091M8	013	542.2	555.2	572.7
99091M8	014	596.4	607.6	630.2
99091M8	015	628.3	644.5	672.4
99091M8	016	567.4	582.1	588.9
99091M8	017	574.2	589.2	602.4
99091M8	018	587.7	604.7	618.8
99091M8	019	604.7	612.3	630.5
99091M8	020	532.9	545.3	564.0

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT DATA (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : DK 539
TARGET DOSE : 33.00 %

SEX: MALE

ANIMAL	DATE (2000): DAY OF STUDY:	7-JUN 1	14-JUN 8	21-JUN 15	28-JUN 22	5-JUL 29	12-JUL 36	19-JUL 43	26-JUL 50	2-AUG 57	9-AUG 64	16-AUG 71	23-AUG 78
99091M9	001	234.8	288.1	331.1	368.9	397.1	423.0		458.6	492.2	510.5	521.8	535.7
99091M9	002	238.5	281.9	314.2	343.8	377.7	405.3		436.3	463.8	477.3	492.7	504.3
99091M9	003	222.5	285.2	332.0	376.4	411.0	444.5	463.9	483.0	503.4	510.0	514.8	529.8
99091M9	004	227.3	289.1	338.7	382.5	400.5	429.2	460.5	483.5	519.3	532.5	542.1	550.1
99091M9	005	228.8	280.1	318.7	353.5	382.5	422.1		462.9	492.6	511.9	532.3	541.0
99091M9	006	212.1	268.2	320.7	363.2	395.8	432.2		459.7	487.5	516.2	529.4	537.5
99091M9	007	219.0	274.9	325.1	362.4	392.4	421.8	436.5	440.8	465.5	482.9	496.1	513.8
99091M9	008	228.8	292.3	335.5	373.5	399.7	421.8	435.2	453.0	481.5	500.1	518.0	528.1
99091M9	009	244.9	304.1	359.3	402.0	437.8	466.6	487.2	503.8	526.4	535.7	549.7	560.6
99091M9	010	222.7	281.0	331.0	373.7	405.8	435.2	449.7	463.9	482.7	496.0	515.0	523.5
99091M9	011	221.3	272.0	328.3	371.0	402.6	437.6		474.6	507.6	528.2	546.8	556.0
99091M9	012	233.8	291.3	331.5	366.8	395.0	420.6	444.9	467.5	484.4	500.0	512.9	525.9
99091M9	013	241.5	298.6	343.7	390.4	428.6	468.2	490.4	513.2	541.8	562.3	577.3	593.0
99091M9	014	231.2	282.7	318.9	349.1	380.5	406.6		430.1	450.3	469.7	485.2	494.1
99091M9	015	232.1	286.0	322.3	357.9	388.4	414.4	430.4		464.3	483.5	486.0	490.3
99091M9	016	221.3	282.8	334.6	375.2	402.8	431.0	446.7		485.0	495.3	513.0	525.2
99091M9	017	238.8	297.5	328.9	364.2	378.9	415.6	434.7		465.9	483.3	499.5	512.8
99091M9	018	250.7	302.2	336.4	369.3	399.9	416.2	434.8		458.6	475.9	487.5	498.0
99091M9	019	251.2	307.7	351.6	394.8	429.5	462.8	488.1	510.9	533.9	547.2	556.0	567.8
99091M9	020	243.8	306.2	356.1	397.1	425.7	443.1	472.0	495.2	519.0	527.8	545.5	555.0

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT DATA (GM)
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : DK 539
TARGET DOSE : 33.00 %

ANIMAL	DATE (2000): DAY OF STUDY:	30-AUG 85	6-SEP 92	12-SEP 98
99091M9	001	544.1	556.6	572.9
99091M9	002	513.8	522.1	534.6
99091M9	003	542.5	555.1	546.8
99091M9	004	565.1	576.4	591.0
99091M9	005	552.9	560.3	579.1
99091M9	006	555.3	567.7	587.0
99091M9	007	519.4	525.7	544.5
99091M9	008	538.1	549.1	565.5
99091M9	009	575.1	581.6	594.2
99091M9	010	534.4	542.2	566.0
99091M9	011	568.2	579.4	593.5
99091M9	012	538.2	548.3	557.4
99091M9	013	607.2	614.0	624.7
99091M9	014	502.6	509.2	524.3
99091M9	015	504.6	504.4	532.4
99091M9	016	544.6	556.9	565.4
99091M9	017	522.3	532.8	547.2
99091M9	018	512.1	523.6	535.0
99091M9	019	579.7	593.1	607.9
99091M9	020	562.0	573.7	587.2

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT DATA (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : DK 537
TARGET DOSE : 33.00 %

SEX: MALE

ANIMAL	DATE (2000): DAY OF STUDY:	7-JUN 1	14-JUN 8	21-JUN 15	28-JUN 22	5-JUL 29	12-JUL 36	19-JUL 43	26-JUL 50	2-AUG 57	9-AUG 64	16-AUG 71	23-AUG 78
99091M10 001		244.7	301.4	344.0	377.5	418.2	434.8		481.3	510.5	521.9	529.3	531.3
99091M10 002		216.0	257.2	278.7	305.5	327.1	343.1		363.6	385.8	399.0	408.7	415.6
99091M10 003		218.8	281.7	335.8	380.0	410.4	435.0	467.9	498.8	537.9	549.8	561.8	580.2
99091M10 004		228.9	280.5	328.6	368.0	388.8	406.0	417.9	433.2	460.5	481.0	492.0	507.9
99091M10 005		225.5	282.6	327.5	367.5	403.2	431.0		467.6	497.2	517.0	534.0	545.3
99091M10 006		235.3	289.5	334.0	377.3	410.1	445.3		487.8	512.8	539.9	549.5	563.2
99091M10 007		239.9	301.9	343.8	385.5	419.5	454.8	476.8	500.3	532.0	555.7	570.1	582.2
99091M10 008		235.1	296.3	349.0	383.8	417.0	442.2	463.4	482.2	510.6	527.2	546.9	562.2
99091M10 009		222.2	285.2	333.5	374.1	414.3	445.5	472.7	498.7	526.1	543.5	554.1	564.6
99091M10 010		230.0	288.5	338.3	384.4	422.1	461.3	488.9	505.2	532.4	541.0	556.7	576.2
99091M10 011		228.8	274.7	317.5	347.4	379.7	404.9		439.6	475.6	492.0	510.8	522.5
99091M10 012		232.2	291.2	338.6	379.6	408.5	412.8	456.5	471.1	506.6	522.4	543.2	561.2
99091M10 013		250.6	310.6	356.8	402.0	441.0	480.0	496.7	533.9	559.7	570.6	581.0	604.3
99091M10 014		239.3	290.3	331.0	365.5	402.7	433.4		456.6	491.9	497.8	517.4	529.7
99091M10 015		222.1	277.6	323.3	365.1	399.9	432.1	454.9		499.2	515.0	531.9	545.3
99091M10 016		227.3	280.6	328.7	363.1	397.2	424.4	444.4		483.9	486.2	502.8	475.7
99091M10 017		235.6	291.1	332.7	369.1	402.4	428.5	452.1		490.1	505.3	515.9	522.9
99091M10 018		208.9	253.2	295.2	331.8	357.9	383.5	397.0		426.7	442.9	461.1	471.5
99091M10 019		250.6	302.1	344.2	379.9	409.1	435.5	449.8	466.0	491.3	499.3	507.9	517.0
99091M10 020		246.6	301.6	348.2	385.4	424.6	450.6	482.4	499.8	528.2	541.1	555.8	563.1

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT DATA (GM)
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : DK 537
TARGET DOSE : 33.00 %

ANIMAL	DATE (2000): DAY OF STUDY:	30-AUG 85	6-SEP 92	12-SEP 98
99091M10 001		555.7	572.2	584.2
99091M10 002		430.2	437.5	440.7
99091M10 003		593.4	613.0	626.6
99091M10 004		522.2	543.0	552.7
99091M10 005		557.2	567.0	583.9
99091M10 006		579.5	590.9	604.2
99091M10 007		586.4	604.8	626.6
99091M10 008		579.9	596.8	613.8
99091M10 009		577.6	585.8	595.6
99091M10 010		583.1	598.8	608.4
99091M10 011		540.6	554.4	566.6
99091M10 012		578.5	588.0	588.0
99091M10 013		626.3	653.2	661.2
99091M10 014		548.9	556.6	562.0
99091M10 015		564.0	578.8	591.0
99091M10 016		503.2	499.9	474.7
99091M10 017		543.6	561.5	569.1
99091M10 018		485.2	490.1	496.4
99091M10 019		528.4	538.9	541.8
99091M10 020		585.4	596.8	601.6

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT DATA (GM)
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : NK 603-L
TARGET DOSE : 11.00 %

ANIMAL	DATE (2000): DAY OF STUDY:	7-JUN 1	14-JUN 8	21-JUN 15	28-JUN 22	5-JUL 29	12-JUL 36	19-JUL 43	26-JUL 50	2-AUG 57	9-AUG 64	16-AUG 71	23-AUG 78
99091F1	001	168.1	194.6	213.6	229.9	245.9	253.9	253.9		274.0	278.8	281.9	294.2
99091F1	002	165.9	189.2	197.9	219.7	234.2	238.3	238.6		256.4	254.7	254.2	265.5
99091F1	003	150.8	172.5	198.7	217.1	233.1	245.6	244.9	253.9	255.4	260.1	260.5	259.9
99091F1	004	150.5	168.0	186.2	205.3	220.4	238.3	246.8	254.0	260.4	270.0	273.0	281.2
99091F1	005	143.3	159.7	179.6	192.4	208.2	222.6	234.1		247.4	251.6	255.4	261.3
99091F1	006	181.5	213.2	250.2	249.8	271.7	296.2	287.1		309.1	320.6	327.6	324.1
99091F1	007	159.1	185.6	212.7	234.9	246.1	253.8	268.6	268.1	288.9	293.6	286.5	299.7
99091F1	008	175.4	200.9	219.1	230.3	245.6	254.9	253.5	258.4	266.6	273.4	272.3	271.9
99091F1	009	170.9	199.3	216.0	233.6	248.0	260.1	264.9	274.5	287.8	290.8	293.1	303.7
99091F1	010	162.7	176.4	199.9	216.9	230.3	243.7	260.3	263.2	274.9	282.1	280.4	287.9
99091F1	011	148.5	177.9	193.1	208.8	226.1	235.2	241.2		264.1	263.1	261.7	274.1
99091F1	012	148.8	177.3	193.0	213.1	228.1	239.7	261.2	263.2	272.0	277.8	285.0	297.7
99091F1	013	167.3	192.0	215.7	238.3	248.7	255.5	264.3	274.6	273.1	278.7	281.8	294.6
99091F1	014	163.1	188.9	209.6	228.4	240.8	251.1	254.8		273.5	276.0	284.3	288.7
99091F1	015	170.6	196.4	221.7	239.9	255.6	265.4	272.9		287.7	297.3	306.3	312.8
99091F1	016	164.4	190.1	201.7	214.4	222.8	235.0	236.5		247.8	260.9	264.8	270.7
99091F1	017	182.7	213.7	227.6	252.6	260.4	277.8	280.8	291.8		302.1	296.6	300.4
99091F1	018	141.4	163.1	176.6	191.9	205.2	214.4	212.5	223.2		226.5	234.9	235.6
99091F1	019	164.5	200.4	220.6	231.1	252.0	263.9	273.0	272.0	285.8	292.1	295.3	298.0
99091F1	020	162.7	191.8	206.6	222.2	229.2	238.4	249.6	252.6	263.1	259.7	270.3	268.0

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT DATA (GM)
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : NK 603-L
TARGET DOSE : 11.00 %

ANIMAL	DATE (2000): DAY OF STUDY:	30-AUG 85	6-SEP 92	12-SEP 98
99091F1	001	300.9	299.6	306.0
99091F1	002	274.1	275.0	280.1
99091F1	003	276.8	276.3	269.3
99091F1	004	280.2	284.3	290.7
99091F1	005	267.9	276.3	277.2
99091F1	006	346.2	349.4	345.6
99091F1	007	303.6	313.3	316.0
99091F1	008	283.6	290.0	285.0
99091F1	009	309.1	306.3	311.1
99091F1	010	299.5	302.5	298.2
99091F1	011	287.2	283.5	288.9
99091F1	012	304.7	305.4	305.1
99091F1	013	296.0	299.3	308.9
99091F1	014	297.3	299.1	306.9
99091F1	015	320.1	326.0	327.8
99091F1	016	272.4	276.1	276.6
99091F1	017	311.8	314.6	312.5
99091F1	018	242.4	245.4	248.3
99091F1	019	306.5	315.0	312.2
99091F1	020	280.1	272.6	282.2

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT DATA (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : NK 603-H
TARGET DOSE : 33.00 %

SEX: FEMALE

ANIMAL	DATE (2000): DAY OF STUDY:	7-JUN 1	14-JUN 8	21-JUN 15	28-JUN 22	5-JUL 29	12-JUL 36	19-JUL 43	26-JUL 50	2-AUG 57	9-AUG 64	16-AUG 71	23-AUG 78
99091F2	001	165.2	191.6	211.5	220.4	237.5	245.5	250.2		261.9	268.0	274.0	280.8
99091F2	002	162.7	192.5	212.7	234.7	243.6	254.0	260.1		278.0	279.2	284.6	291.2
99091F2	003	172.1	202.2	219.9	240.6	261.6	273.7	281.3	284.4	294.4	298.3	299.7	312.8
99091F2	004	178.5	201.4	214.0	219.9	235.5	241.3	246.9	257.9	274.3	289.8	273.7	281.5
99091F2	005	173.1	202.5	224.7	235.0	259.9	280.8	276.6		305.8	314.6	312.9	332.5
99091F2	006	171.4	200.2	223.3	253.2	260.5	271.4	277.9		289.0	306.5	294.4	307.5
99091F2	007	151.1	171.8	179.6	198.6	212.8	217.7	218.0	229.6	241.1	239.2	237.1	252.6
99091F2	008	155.2	182.0	195.6	220.3	233.2	245.3	257.8	263.8	272.2	276.6	280.8	283.9
99091F2	009	179.2	198.7	226.7	249.7	261.6	271.5	271.1	285.0	289.5	304.1	294.2	307.2
99091F2	010	159.6	190.7	214.6	233.3	248.3	270.1	282.0	289.4	293.3	307.6	305.0	317.2
99091F2	011	167.1	201.1	238.0	258.2	280.3	295.4	302.3		330.1	353.8	345.6	353.1
99091F2	012	164.3	187.7	213.5	231.4	248.8	257.9	263.5	282.2	289.7	301.1	309.6	306.1
99091F2	013	174.9	193.3	213.0	217.4	241.1	253.8	258.3	263.0	287.2	296.9	291.8	289.3
99091F2	014	154.9	186.1	212.1	228.2	246.6	252.9	272.2		284.5	296.5	303.5	299.9
99091F2	015	152.7	183.6	211.3	238.9	261.4	272.4	283.1		311.7	325.6	332.9	334.6
99091F2	016	170.8	206.8	232.3	252.7	258.8	276.0	300.2		312.0	308.6	328.2	337.7
99091F2	017	167.1	196.7	222.6	246.3	261.7	273.7	279.8	295.4		305.4	310.2	317.3
99091F2	018	148.7	182.2	198.1	221.8	238.6	256.1	261.4	275.5		295.0	302.7	303.0
99091F2	019	156.6	186.4	204.6	221.3	234.3	246.7	255.6	261.9	276.8	288.2	301.7	295.4
99091F2	020	183.3	204.4	234.8	253.9	269.4	283.8	290.9	305.1	312.4	313.7	324.1	324.5

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT DATA (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : NK 603-H
TARGET DOSE : 33.00 %

SEX: FEMALE

ANIMAL	DATE (2000): DAY OF STUDY:	30-AUG 85	6-SEP 92	12-SEP 98
99091F2	001	281.7	292.4	284.4
99091F2	002	298.8	302.4	304.3
99091F2	003	321.9	320.2	328.2
99091F2	004	284.7	292.4	285.6
99091F2	005	343.3	346.0	350.8
99091F2	006	304.9	312.6	314.3
99091F2	007	250.3	260.5	262.7
99091F2	008	287.2	291.3	296.5
99091F2	009	310.2	315.2	320.5
99091F2	010	320.8	343.5	358.3
99091F2	011	356.1	358.7	359.0
99091F2	012	304.1	313.4	309.3
99091F2	013	303.3	307.3	304.5
99091F2	014	311.0	318.2	312.9
99091F2	015	347.1	345.9	360.6
99091F2	016	330.2	345.4	344.0
99091F2	017	313.2	320.0	329.1
99091F2	018	300.2	305.8	313.5
99091F2	019	291.1	299.3	297.6
99091F2	020	324.9	329.6	336.8

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT DATA (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PARENT-L
TARGET DOSE : 11.00 %

SEX: FEMALE

ANIMAL	DATE (2000): DAY OF STUDY:	7-JUN 1	14-JUN 8	21-JUN 15	28-JUN 22	5-JUL 29	12-JUL 36	19-JUL 43	26-JUL 50	2-AUG 57	9-AUG 64	16-AUG 71	23-AUG 78
99091F3	001	144.5	167.9	186.0	200.6	210.6	222.5	228.7		240.5	254.4	260.1	267.9
99091F3	002	185.5	210.7	223.5	244.3	255.9	266.5	270.5		296.3	306.1	301.2	311.9
99091F3	003	158.9	181.6	197.8	210.8	224.5	233.9	236.4	243.5	255.5	255.5	266.1	276.0
99091F3	004	187.1	216.8	234.0	240.4	258.9	272.1	271.9	272.8	291.2	286.2	300.5	305.6
99091F3	005	173.5	201.6	211.3	233.3	243.4	268.3	269.7		281.7	301.7	318.6	332.4
99091F3	006	148.8	174.1	196.1	213.7	220.7	239.4	246.2		252.7	269.2	280.0	281.4
99091F3	007	152.0	178.4	198.8	213.4	228.5	244.3	247.8	255.9	267.4	276.5	278.5	283.1
99091F3	008	166.7	191.3	209.3	227.8	244.2	255.0	258.6	272.0	289.4	291.0	295.9	302.3
99091F3	009	160.6	192.3	211.7	220.5	236.8	255.3	256.2	259.1	276.0	286.1	289.4	290.1
99091F3	010	163.1	184.1	208.8	228.0	241.7	262.3	264.7	273.8	293.1	285.7	304.8	300.1
99091F3	011	158.8	189.5	216.4	240.9	252.8	259.4	272.4		275.6	280.6	285.0	291.2
99091F3	012	160.0	183.3	199.8	205.1	221.9	238.2	235.7	243.1	256.6	263.7	265.6	263.5
99091F3	013	154.5	182.6	203.9	219.7	242.6	247.7	262.4	269.7	287.1	290.6	303.5	308.1
99091F3	014	174.8	207.9	234.5	251.7	266.8	284.4	288.7		301.2	317.5	324.7	323.4
99091F3	015	152.4	184.8	217.5	238.9	249.4	269.2	269.1		296.9	303.2	314.3	324.5
99091F3	016	174.5	203.8	229.8	242.5	262.0	270.9	264.8		278.3	284.2	284.0	285.6
99091F3	017	158.7	186.0	209.4	225.5	236.0	253.3	257.8	269.2		294.5	298.8	301.9
99091F3	018	154.1	184.5	206.7	219.8	230.2	243.4	241.7	247.6		261.1	267.4	263.9
99091F3	019	169.3	194.5	217.1	225.9	245.1	259.9	256.3	271.9	283.7	293.7	300.3	295.9
99091F3	020	159.6	176.7	195.9	212.8	221.1	232.5	238.8	250.0	251.4	258.7	265.0	264.4

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT DATA (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PARENT-L
TARGET DOSE : 11.00 %

SEX: FEMALE

ANIMAL	DATE (2000): DAY OF STUDY:	30-AUG 85	6-SEP 92	12-SEP 98
99091F3	001	266.5	269.2	275.0
99091F3	002	320.2	311.6	323.2
99091F3	003	268.9	268.7	279.7
99091F3	004	304.6	308.3	306.4
99091F3	005	338.0	323.3	330.1
99091F3	006	276.3	281.9	296.4
99091F3	007	280.0	286.8	291.1
99091F3	008	304.6	301.6	304.0
99091F3	009	296.4	303.4	299.6
99091F3	010	304.4	310.9	302.4
99091F3	011	306.9	311.1	314.4
99091F3	012	267.5	276.2	269.2
99091F3	013	304.3	313.3	312.6
99091F3	014	326.4	337.7	335.8
99091F3	015	327.6	323.5	327.1
99091F3	016	288.0	289.7	282.8
99091F3	017	300.3	308.6	307.8
99091F3	018	271.6	275.1	266.9
99091F3	019	306.6	305.4	300.8
99091F3	020	261.7	277.2	281.4

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT DATA (GM)
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : PARENT-H
TARGET DOSE : 33.00 %

ANIMAL	DATE (2000): DAY OF STUDY:	7-JUN 1	14-JUN 8	21-JUN 15	28-JUN 22	5-JUL 29	12-JUL 36	19-JUL 43	26-JUL 50	2-AUG 57	9-AUG 64	16-AUG 71	23-AUG 78
99091F4	001	163.9	195.3	222.2	240.0	264.1	278.2	302.6		325.6	328.3	316.9	338.2
99091F4	002	162.9	184.5	197.6	219.7	220.5	237.7	245.8		258.6	262.6	254.1	271.0
99091F4	003	179.6	202.9	221.1	239.1	243.8	259.4	272.2	276.3	283.9	295.9	304.7	302.8
99091F4	004	166.2	196.5	220.1	240.8	249.7	259.9	273.0	281.7	288.5	287.8	298.0	303.7
99091F4	005	158.3	187.9	216.6	242.4	256.8	270.3	281.4		300.5	296.8	311.5	315.6
99091F4	006	167.5	183.5	211.7	237.2	251.6	258.9	265.4		280.3	292.0	302.5	313.5
99091F4	007	145.1	160.0	176.6	194.3	207.6	219.0	226.8	235.0	240.2	251.0	253.6	255.7
99091F4	008	166.3	191.2	215.0	233.4	242.3	251.5	259.2	260.6	275.4	277.0	280.9	282.0
99091F4	009	182.4	210.8	228.1	249.4	259.3	271.1	287.1	296.2	311.9	312.6	328.0	329.3
99091F4	010	167.4	186.5	210.5	234.3	245.6	251.7	260.4	275.6	283.3	278.8	295.8	297.9
99091F4	011	161.6	193.8	216.9	245.0	256.4	266.7	275.1		297.3	297.4	294.9	307.8
99091F4	012	170.0	200.5	231.9	254.6	263.8	279.2	287.2	301.5	306.3	318.7	324.6	324.9
99091F4	013	160.1	183.5	208.7	231.2	240.9	252.6	263.4	278.3	289.7	285.5	296.6	306.1
99091F4	014	149.4	175.7	189.9	206.3	221.4	231.4	249.1		265.2	277.1	280.5	288.4
99091F4	015	148.8	173.1	200.6	226.1	238.0	250.3	269.0		274.9	278.3	282.4	290.8
99091F4	016	168.0	191.1	215.4	228.2	236.9	246.4	256.8		269.6	273.2	283.4	282.8
99091F4	017	169.0	195.4	206.3	220.9	233.8	243.5	244.0	256.2		267.8	260.7	271.6
99091F4	018	171.8	202.5	215.6	234.5	243.0	258.8	271.3	280.8		296.9	295.2	298.9
99091F4	019	176.4	199.7	210.4	231.8	241.2	246.2	248.9	258.9	263.7	266.7	281.8	283.5
99091F4	020	158.6	189.8	213.8	234.5	256.2	271.8	281.2	283.5	301.6	309.5	303.7	315.9

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT DATA (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PARENT-H
TARGET DOSE : 33.00 %

SEX: FEMALE

ANIMAL	DATE (2000): DAY OF STUDY:	30-AUG 85	6-SEP 92	12-SEP 98
99091F4	001	336.2	349.5	344.1
99091F4	002	269.9	277.7	276.0
99091F4	003	299.8	313.2	313.0
99091F4	004	303.0	302.3	311.4
99091F4	005	319.1	321.9	327.7
99091F4	006	306.2	309.4	316.5
99091F4	007	262.8	270.6	268.1
99091F4	008	291.5	292.5	279.5
99091F4	009	327.2	333.8	335.1
99091F4	010	302.1	304.7	314.2
99091F4	011	311.1	313.6	316.0
99091F4	012	330.0	335.7	341.6
99091F4	013	301.9	301.9	310.1
99091F4	014	291.0	289.5	299.7
99091F4	015	292.1	311.2	306.8
99091F4	016	285.2	289.3	287.9
99091F4	017	274.7	277.3	274.7
99091F4	018	309.3	319.1	313.6
99091F4	019	277.6	280.2	285.7
99091F4	020	312.4	325.7	320.2

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT DATA (GM)
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : CROWS 363
TARGET DOSE : 33.00 %

ANIMAL	DATE (2000): DAY OF STUDY:	7-JUN 1	14-JUN 8	21-JUN 15	28-JUN 22	5-JUL 29	12-JUL 36	19-JUL 43	26-JUL 50	2-AUG 57	9-AUG 64	16-AUG 71	23-AUG 78
99091F5	001	162.7	181.4	194.8	214.1	220.6	235.2	242.5		249.9	258.8	257.0	255.8
99091F5	002	169.3	192.7	214.7	227.9	241.4	258.0	263.0		276.6	285.8	297.4	296.5
99091F5	003	165.2	193.4	210.2	225.0	238.7	246.3	251.0	263.2	274.6	280.4	276.7	283.1
99091F5	004	170.5	201.9	218.8	228.7	240.6	253.5	262.5	277.7	278.1	290.7	296.5	304.7
99091F5	005	147.4	165.6	173.3	193.5	201.2	210.6	218.6		235.9	233.1	243.4	243.3
99091F5	006	155.2	200.4	223.4	250.0	268.0	284.8	295.7		316.0	323.2	333.2	344.2
99091F5	007	146.2	173.4	190.3	222.6	242.3	259.6	267.3	282.0	287.6	300.1	299.8	305.0
99091F5	008	154.1	180.2	206.7	225.2	247.5	269.0	270.7	293.5	304.5	322.6	316.5	331.1
99091F5	009	187.5	199.2	217.8	243.2	266.5	276.1	270.3	288.1	300.4	307.6	295.4	314.3
99091F5	010	150.3	178.5	197.9	204.6	229.9	238.0	243.9	252.3	261.3	263.0	271.2	272.1
99091F5	011	166.0	183.3	202.2	230.8	247.3	251.5	251.1		269.8	271.5	287.2	276.3
99091F5	012	153.6	169.9	196.3	211.9	232.2	232.5	247.7	257.8	261.4	264.1	276.7	283.8
99091F5	013	157.3	183.1	200.6	209.8	222.1	242.5	252.8	254.8	252.8	264.6	273.9	273.1
99091F5	014	163.6	193.3	221.8	248.7	266.9	274.5	286.3		304.3	310.3	322.8	331.7
99091F5	015	175.9	201.4	217.5	242.0	265.8	270.4	263.9		287.4	291.0	289.5	304.0
99091F5	016	144.4	168.3	184.1	206.4	222.6	242.6	243.0		257.0	258.5	272.5	274.6
99091F5	017	163.2	184.7	209.4	220.8	236.5	246.2	259.2	265.1		288.0	283.7	288.8
99091F5	018	167.6	194.5	208.9	229.2	255.8	265.6	262.8	273.7		286.4	287.0	297.1
99091F5	019	160.3	188.6	212.3	240.5	266.1	270.3	275.4	290.3	299.6	306.8	308.1	317.4
99091F5	020	180.6	215.6	246.0	262.9	279.1	299.6	308.7	316.9	319.3	328.6	337.0	344.5

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT DATA (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CROWS 363
TARGET DOSE : 33.00 %

SEX: FEMALE

ANIMAL	DATE (2000): DAY OF STUDY:	30-AUG 85	6-SEP 92	12-SEP 98
99091F5	001	256.7	267.8	265.6
99091F5	002	301.1	315.2	318.8
99091F5	003	286.0	289.7	296.3
99091F5	004	307.5	321.1	317.9
99091F5	005	244.2	255.1	248.7
99091F5	006	347.9	350.7	355.9
99091F5	007	316.7	322.6	323.0
99091F5	008	334.2	339.9	347.7
99091F5	009	317.9	322.1	323.8
99091F5	010	269.8	283.7	284.0
99091F5	011	287.2	292.1	297.7
99091F5	012	275.9	281.6	290.0
99091F5	013	267.6	274.4	277.0
99091F5	014	324.3	328.0	340.6
99091F5	015	300.7	304.4	308.2
99091F5	016	276.2	288.5	297.2
99091F5	017	283.5	299.8	299.4
99091F5	018	302.2	303.0	308.1
99091F5	019	315.5	319.4	324.9
99091F5	020	339.6	354.0	353.7

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT DATA (GM)
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : PIONEER 3394
TARGET DOSE : 33.00 %

ANIMAL	DATE (2000): DAY OF STUDY:	7-JUN 1	14-JUN 8	21-JUN 15	28-JUN 22	5-JUL 29	12-JUL 36	19-JUL 43	26-JUL 50	2-AUG 57	9-AUG 64	16-AUG 71	23-AUG 78
99091F6	001	158.4	181.8	205.1	227.5	252.7	266.2	270.6		289.8	297.1	302.2	311.8
99091F6	002	175.5	196.8	222.3	240.7	265.5	273.6	279.0		300.0	307.2	309.9	317.7
99091F6	003	171.2	198.1	224.7	241.0	259.7	268.6	277.9	282.6	285.2	293.1	302.6	309.4
99091F6	004	164.6	187.7	220.4	235.2	254.6	264.0	266.5	274.5	285.7	285.6	293.1	298.6
99091F6	005	162.8	185.0	215.4	232.4	258.9	287.7	282.6		310.5	312.4	318.0	315.7
99091F6	006	174.6	208.9	220.6	234.3	258.5	264.6	264.6		282.0	288.9	304.3	312.4
99091F6	007	177.8	200.2	224.2	247.9	259.1	279.5	286.0	305.0	304.0	313.2	309.8	328.0
99091F6	008	147.1	168.3	185.4	210.8	220.1	227.2	242.1	245.8	260.0	258.8	270.2	264.6
99091F6	009	163.7	190.9	211.7	231.6	248.7	257.4	268.9	267.3	281.7	285.5	298.2	297.9
99091F6	010	172.4	196.1	219.9	236.6	262.5	268.7	273.0	275.0	285.9	286.0	291.2	293.5
99091F6	011	171.3	195.8	214.1	233.4	250.3	258.1	259.7		282.6	286.5	296.7	303.4
99091F6	012	165.9	184.1	198.6	206.7	227.9	236.4	243.6	244.7	255.1	264.0	267.2	260.6
99091F6	013	157.5	185.4	211.9	231.5	249.9	250.9	270.6	283.1	289.3	288.7	301.2	303.1
99091F6	014	159.8	196.5	216.7	238.1	260.1	269.8	269.0		292.4	287.0	290.2	309.6
99091F6	015	163.6	196.7	221.1	246.4	259.6	274.3	283.7		298.8	312.7	318.2	324.7
99091F6	016	151.1	177.7	202.6	222.3	240.3	257.4	263.5		283.1	296.9	305.1	305.8
99091F6	017	162.8	194.1	221.3	244.6	270.8	292.5	288.9	301.4		297.7	311.5	309.4
99091F6	018	160.8	185.5	204.0	209.6	225.8	244.7	251.2	255.2		254.9	272.8	269.9
99091F6	019	174.5	193.5	211.7	223.8	253.0	262.4	266.4	273.2	287.1	293.4	297.9	300.3
99091F6	020	165.2	188.4	208.5	220.0	237.9	249.3	258.4	263.4	273.5	282.3	281.2	285.2

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT DATA (GM)
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : PIONEER 3394
TARGET DOSE : 33.00 %

ANIMAL	DATE (2000): DAY OF STUDY:	30-AUG 85	6-SEP 92	12-SEP 98
99091F6	001	306.3	306.0	317.2
99091F6	002	325.8	333.6	333.7
99091F6	003	304.2	302.5	314.6
99091F6	004	298.9	297.8	300.8
99091F6	005	323.1	323.5	335.9
99091F6	006	308.3	311.6	323.4
99091F6	007	325.4	336.6	340.8
99091F6	008	265.3	265.4	274.0
99091F6	009	306.5	297.9	304.5
99091F6	010	295.2	300.2	295.7
99091F6	011	298.9	301.4	307.9
99091F6	012	269.8	269.9	269.6
99091F6	013	300.1	301.2	310.6
99091F6	014	310.5	317.7	324.6
99091F6	015	322.1	338.2	336.2
99091F6	016	305.3	314.7	318.6
99091F6	017	328.8	330.1	336.0
99091F6	018	276.4	280.6	280.5
99091F6	019	306.3	313.9	311.7
99091F6	020	290.5	298.2	291.9

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT DATA (GM)
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : CROPLAN GENETICS 461
TARGET DOSE : 33.00 %

ANIMAL	DATE (2000): DAY OF STUDY:	7-JUN 1	14-JUN 8	21-JUN 15	28-JUN 22	5-JUL 29	12-JUL 36	19-JUL 43	26-JUL 50	2-AUG 57	9-AUG 64	16-AUG 71	23-AUG 78
99091F7	001	162.9	179.9	203.6	217.9	227.4	239.3	243.1		249.4	269.8	267.5	273.6
99091F7	002	160.6	187.3	214.3	231.4	246.8	260.8	264.7		273.8	291.0	296.0	299.5
99091F7	003	154.2	181.6	207.1	227.6	240.8	253.8	259.8	266.5	273.3	279.7	286.6	286.2
99091F7	004	157.4	173.1	200.0	209.3	236.6	248.0	258.5	268.5	283.4	283.7	277.9	287.3
99091F7	005	136.6	161.3	186.5	211.7	233.4	241.3	253.2		275.6	288.4	297.6	302.3
99091F7	006	181.7	207.3	231.3	247.8	258.0	268.5	269.3		287.9	306.3	313.3	312.6
99091F7	007	157.0	185.8	208.4	228.4	254.3	263.2	278.1	279.4	293.7	301.9	302.3	312.0
99091F7	008	148.6	168.3	185.8	201.0	222.2	230.0	245.7	261.1	269.9	281.0	292.9	299.5
99091F7	009	162.2	189.2	212.1	226.9	247.7	266.4	276.5	290.3	294.7	310.0	313.8	323.3
99091F7	010	161.0	179.6	199.4	210.9	236.6	244.6	247.7	254.4	261.3	270.3	268.6	272.1
99091F7	011	174.3	191.9	225.3	241.4	251.6	258.0	260.6		279.1	293.1	299.5	309.7
99091F7	012	160.7	179.3	200.4	224.8	241.7	250.5	254.9	270.2	284.7	296.7	287.6	301.0
99091F7	013	168.1	197.0	220.1	244.8	259.0	271.2	280.2	302.8	309.8	316.0	310.2	321.3
99091F7	014	194.8	217.3	248.2	267.2	267.2	285.5	297.2		314.2	320.6	321.9	331.0
99091F7	015	179.2	205.4	233.0	247.2	256.5	259.6	276.2		292.8	305.6	314.2	326.5
99091F7	016	153.8	180.7	206.0	226.3	242.4	263.2	264.0		263.6	283.0	291.7	295.2
99091F7	017	178.5	209.8	234.2	255.8	276.9	291.7	297.2	308.8		326.5	328.8	337.7
99091F7	018	161.0	185.6	207.1	218.9	236.1	235.0	244.0	250.7		260.6	266.1	268.1
99091F7	019	153.3	182.4	197.4	215.5	229.8	237.6	246.4	252.8	251.6	260.7	267.0	267.5
99091F7	020	171.5	200.2	209.0	231.3	234.9	254.1	255.2	258.5	267.6	262.9	269.8	282.7

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT DATA (GM)
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : CROPLAN GENETICS 461
TARGET DOSE : 33.00 %

ANIMAL	DATE (2000):	30-AUG	6-SEP	12-SEP
	DAY OF STUDY:	85	92	98
99091F7	001	268.9	273.1	272.6
99091F7	002	300.4	308.2	307.4
99091F7	003	284.9	290.5	293.7
99091F7	004	291.2	291.3	303.4
99091F7	005	312.3	313.6	316.2
99091F7	006	306.8	317.7	322.9
99091F7	007	308.6	310.2	316.5
99091F7	008	299.9	306.6	307.5
99091F7	009	321.7	330.3	329.6
99091F7	010	276.3	277.6	284.1
99091F7	011	307.8	307.9	319.9
99091F7	012	305.1	315.5	312.9
99091F7	013	316.8	318.8	323.6
99091F7	014	325.5	330.8	333.9
99091F7	015	326.8	329.1	339.9
99091F7	016	289.2	295.7	301.1
99091F7	017	342.1	348.3	356.6
99091F7	018	270.7	275.1	273.7
99091F7	019	263.9	267.7	273.9
99091F7	020	283.7	288.4	295.3

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT DATA (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CAMPBELLS 6995
TARGET DOSE : 33.00 %

SEX: FEMALE

ANIMAL	DATE (2000): DAY OF STUDY:	7-JUN 1	14-JUN 8	21-JUN 15	28-JUN 22	5-JUL 29	12-JUL 36	19-JUL 43	26-JUL 50	2-AUG 57	9-AUG 64	16-AUG 71	23-AUG 78
99091F8	001	157.6	175.6	195.4	205.9	223.5	232.7	234.6		248.0	258.0	260.3	260.4
99091F8	002	176.6	203.4	226.1	240.1	255.7	269.8	278.7		291.8	301.2	313.6	323.1
99091F8	003	171.0	192.2	223.3	240.1	256.7	265.5	278.6	292.0	297.3	307.7	314.9	321.4
99091F8	004	147.8	173.9	196.9	205.7	226.2	235.2	241.9	249.8	262.9	272.2	278.2	287.7
99091F8	005	158.0	180.2	188.6	195.3	207.5	220.1	220.1		232.9	244.4	246.9	248.6
99091F8	006	155.6	183.3	200.1	221.5	230.2	247.6	244.8		257.9	262.1	267.7	274.8
99091F8	007	175.8	199.5	222.7	244.9	266.3	280.6	280.5	291.9	289.6	306.0	301.6	302.8
99091F8	008	159.0	188.4	204.9	219.1	223.4	224.6	226.2	237.2	243.3	242.6	252.3	252.7
99091F8	009	162.8	186.6	210.2	223.4	239.6	248.9	250.4	264.3	263.8	273.6	276.4	280.2
99091F8	010	154.8	175.3	200.6	220.4	241.0	249.8	253.7	272.5	277.9	285.6	283.9	293.1
99091F8	011	147.4	170.3	199.8	207.9	223.6	228.5	238.7		257.5	257.6	268.3	271.3
99091F8	012	182.5	204.6	238.4	242.4	266.1	265.1	283.9	295.0	296.9	309.1	314.3	319.8
99091F8	013	154.0	183.7	216.1	229.8	244.8	258.0	267.4	274.9	276.2	288.2	294.3	297.2
99091F8	014	179.9	215.5	244.2	257.4	291.2	320.0	340.3		346.1	331.6	326.8	323.8
99091F8	015	152.1	175.5	200.1	216.0	231.5	242.7	239.4		246.6	262.0	261.3	268.6
99091F8	016	152.7	180.6	216.4	235.0	244.8	261.8	269.9		284.7	296.5	303.4	308.8
99091F8	017	168.1	194.7	220.9	222.5	235.4	249.3	255.8	261.0		271.4	273.7	274.8
99091F8	018	171.0	200.7	221.9	237.1	250.3	254.9	268.8	279.8		279.7	291.4	300.9
99091F8	019	157.4	180.1	208.6	219.8	231.8	240.8	251.9	257.6	262.3	268.1	272.7	271.6
99091F8	020	162.6	185.3	199.9	219.4	232.6	239.7	247.7	260.4	265.9	270.5	263.7	273.8

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT DATA (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CAMPBELLS 6995
TARGET DOSE : 33.00 %

SEX: FEMALE

ANIMAL	DATE (2000): DAY OF STUDY:	30-AUG 85	6-SEP 92	12-SEP 98
99091F8	001	265.9	271.5	268.3
99091F8	002	322.4	323.3	334.0
99091F8	003	322.8	320.9	329.5
99091F8	004	289.5	291.8	299.2
99091F8	005	248.0	249.7	257.0
99091F8	006	278.2	279.1	283.0
99091F8	007	308.3	313.6	317.4
99091F8	008	262.0	266.9	267.0
99091F8	009	276.8	282.5	284.1
99091F8	010	295.4	295.5	298.4
99091F8	011	269.1	273.2	279.3
99091F8	012	315.7	328.9	335.8
99091F8	013	293.9	299.8	305.8
99091F8	014	313.0	313.6	320.9
99091F8	015	270.1	269.1	272.9
99091F8	016	323.9	327.7	338.6
99091F8	017	272.9	283.1	285.4
99091F8	018	298.8	301.5	310.8
99091F8	019	269.8	278.5	276.4
99091F8	020	275.7	278.7	280.8

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT DATA (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : DK 539
TARGET DOSE : 33.00 %

SEX: FEMALE

ANIMAL	DATE (2000): DAY OF STUDY:	7-JUN 1	14-JUN 8	21-JUN 15	28-JUN 22	5-JUL 29	12-JUL 36	19-JUL 43	26-JUL 50	2-AUG 57	9-AUG 64	16-AUG 71	23-AUG 78
99091F9	001	161.3	186.1	203.6	225.0	246.1	248.2	257.6		258.5	271.6	261.8	271.7
99091F9	002	185.6	207.5	231.1	245.3	255.1	270.8	275.7		281.4	299.2	306.6	309.6
99091F9	003	152.7	175.6	205.4	220.0	237.7	253.2	262.8	267.0	281.0	288.2	290.9	299.2
99091F9	004	173.4	199.7	226.6	241.1	248.6	261.3	271.2	277.5	280.0	290.6	297.2	299.1
99091F9	005	177.1	204.4	226.8	245.8	250.8	266.9	283.9		285.3	305.3	313.7	314.3
99091F9	006	155.0	175.5	198.4	217.6	226.2	229.4	240.8		258.7	263.1	264.4	270.3
99091F9	007	151.5	177.8	199.8	220.8	237.5	244.3	247.0	254.5	264.8	272.1	274.4	278.6
99091F9	008	157.0	180.0	205.6	219.0	233.7	243.4	258.7	260.0	260.5	271.3	272.8	274.4
99091F9	009	167.1	194.9	222.3	231.0	242.6	261.4	268.7	276.6	289.2	301.5	299.9	310.1
99091F9	010	171.0	192.8	208.2	236.5	253.0	263.0	270.7	281.6	294.7	300.6	305.0	316.5
99091F9	011	166.4	199.3	233.0	255.1	268.3	283.0	292.0		297.8	312.2	317.4	322.4
99091F9	012	180.6	212.1	251.2	270.7	286.1	297.6	309.1	318.8	328.8	340.9	350.4	356.7
99091F9	013	158.6	189.3	208.2	223.8	243.2	250.3	255.9	261.9	258.6	270.8	273.3	277.9
99091F9	014	160.8	190.2	224.9	248.0	260.8	266.7	275.5		292.9	298.2	309.3	320.6
99091F9	015	171.4	197.8	225.6	235.6	263.1	267.7	269.8		296.3	303.5	313.3	319.6
99091F9	016	173.9	210.0	232.0	262.2	266.6	283.0	286.3		299.4	309.7	318.3	316.7
99091F9	017	161.2	189.5	197.5	219.4	234.4	249.4	264.9	260.5		287.6	282.4	279.4
99091F9	018	173.3	197.7	222.2	238.8	256.9	264.0	268.8	284.4		299.2	299.7	308.4
99091F9	019	153.3	171.5	197.2	209.4	224.2	227.1	238.8	252.1	250.6	253.0	259.5	268.8
99091F9	020	150.7	184.0	221.7	240.5	248.8	266.8	276.7	281.8	285.0	298.0	300.7	305.2

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT DATA (GM)
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : DK 539
TARGET DOSE : 33.00 %

ANIMAL	DATE (2000): DAY OF STUDY:	30-AUG 85	6-SEP 92	12-SEP 98
99091F9	001	273.6	280.7	286.9
99091F9	002	308.0	310.5	310.3
99091F9	003	295.2	297.2	306.4
99091F9	004	301.2	307.6	311.3
99091F9	005	308.7	318.8	322.0
99091F9	006	276.5	286.7	288.4
99091F9	007	278.1	278.7	282.0
99091F9	008	265.9	274.4	278.4
99091F9	009	311.5	316.1	322.5
99091F9	010	322.1	325.0	329.1
99091F9	011	322.5	329.9	329.2
99091F9	012	366.2	372.6	378.5
99091F9	013	267.1	275.3	276.5
99091F9	014	321.5	316.6	327.2
99091F9	015	317.7	318.5	328.2
99091F9	016	327.1	325.8	334.9
99091F9	017	289.8	294.0	289.8
99091F9	018	303.1	308.4	308.7
99091F9	019	271.0	269.9	281.1
99091F9	020	307.0	309.8	315.8

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT DATA (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : DK 537
TARGET DOSE : 33.00 %

SEX: FEMALE

ANIMAL	DATE (2000): DAY OF STUDY:	7-JUN 1	14-JUN 8	21-JUN 15	28-JUN 22	5-JUL 29	12-JUL 36	19-JUL 43	26-JUL 50	2-AUG 57	9-AUG 64	16-AUG 71	23-AUG 78
99091F10 001		173.9	206.0	229.7	247.2	276.9	295.2	281.1		289.0	293.0	293.1	304.2
99091F10 002		171.7	189.8	222.5	231.5	248.9	268.5	262.8		282.7	291.8	296.5	305.0
99091F10 003		157.6	195.4	215.0	243.0	269.3	263.4	283.2	289.9	283.1	288.1	293.3	310.1
99091F10 004		157.4	186.2	207.2	226.5	246.0	252.4	263.5	274.3	277.2	286.5	283.9	291.6
99091F10 005		149.9	182.1	201.2	216.8	235.8	246.8	250.3		262.1	273.9	275.1	277.6
99091F10 006		151.0	180.7	205.4	229.6	250.6	260.5	274.8		296.1	292.9	308.1	316.8
99091F10 007		160.8	191.4	217.7	247.0	268.0	280.6	291.6	305.6	317.1	321.6	331.5	346.0
99091F10 008		162.4	196.2	223.6	253.3	273.3	295.2	302.9	309.0	316.5	328.4	330.4	333.3
99091F10 009		177.2	212.6	240.5	260.4	275.7	296.7	310.5	317.5	327.1	335.8	343.9	348.3
99091F10 010		161.6	183.3	206.6	227.0	243.0	249.5	259.8	273.0	280.9	287.7	285.2	297.2
99091F10 011		165.0	188.5	208.9	230.7	241.6	249.0	246.5		263.0	271.2	266.2	276.1
99091F10 012		168.8	204.4	241.1	263.2	283.5	302.5	301.7	300.0	304.0	318.7	309.8	326.8
99091F10 013		155.1	186.9	213.5	235.3	246.1	265.0	274.4	290.6	296.1	295.6	310.2	311.7
99091F10 014		155.2	181.1	210.5	224.9	233.8	253.7	264.0		269.5	282.4	286.1	288.6
99091F10 015		174.7	207.2	244.2	261.6	276.5	281.7	291.7		305.1	311.4	319.9	330.1
99091F10 016		170.5	207.9	230.7	259.3	276.8	290.0	285.6		311.2	322.7	321.2	334.8
99091F10 017		154.5	189.0	199.8	229.7	249.3	258.0	268.0	275.0		285.8	295.8	298.7
99091F10 018		172.7	196.1	222.7	221.5	242.4	253.0	258.0	261.3		271.2	271.4	274.8
99091F10 019		174.7	195.8	222.1	232.7	245.8	261.0	270.5	278.0	278.0	285.5	292.2	291.6
99091F10 020		177.4	215.7	232.7	259.2	279.0	285.1	296.0	292.2	304.3	309.0	306.8	322.8

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT DATA (GM)
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : DK 537
TARGET DOSE : 33.00 %

ANIMAL	DATE (2000): DAY OF STUDY:	30-AUG 85	6-SEP 92	12-SEP 98
99091F10 001		298.1	297.8	306.1
99091F10 002		317.8	316.4	315.9
99091F10 003		319.7	304.5	300.8
99091F10 004		293.0	300.6	298.2
99091F10 005		282.4	283.3	284.5
99091F10 006		324.9	334.4	335.6
99091F10 007		345.9	346.3	357.0
99091F10 008		335.8	341.8	340.9
99091F10 009		350.6	355.9	357.6
99091F10 010		305.7	304.9	313.2
99091F10 011		278.8	278.0	282.3
99091F10 012		346.3	345.8	342.2
99091F10 013		311.7	320.6	330.0
99091F10 014		290.5	300.0	300.1
99091F10 015		331.0	330.6	338.6
99091F10 016		337.8	339.4	341.5
99091F10 017		306.6	309.2	308.9
99091F10 018		287.3	286.0	285.6
99091F10 019		288.7	296.8	301.5
99091F10 020		323.5	328.2	328.5

INDIVIDUAL INLIFE DATA FOOTNOTES TABLE

Indivdual Body Weight Footnotes
A - Missing required information

Other blanks may result from unscheduled deaths or from experimental design.

Individual Food Weight Footnotes
A - Missing required information
B - Spilled Food

Other blanks may result from unscheduled deaths or from experimental design.

Individual Water Weight Footnotes
A - Missing required information
B - Spilled Water

Other blanks may result from unscheduled deaths or from experimental design.

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : NK 603-L
TARGET DOSE : 11.00 %

SEX: MALE

FROM DATE:	1-JUN-00	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	1- 8	8- 15	15- 22	22- 29	29- 36
ANIMAL						
99091M1 001	57.80	61.30	49.40	45.90	40.00	31.50
99091M1 002	53.10	52.20	37.70	36.80	26.10	26.50
99091M1 003	44.80	55.10	41.20	38.00	29.20	25.00
99091M1 004	43.30	50.30	41.70	35.60	25.00	31.90
99091M1 005	54.80	56.00	44.20	38.50	37.90	24.00
99091M1 006	52.00	61.80	53.50	36.00	43.30	31.60
99091M1 007	56.30	64.00	56.70	41.40	47.20	7.90
99091M1 008	43.60	49.90	47.50	37.20	38.20	29.10
99091M1 009	55.70	45.60	42.90	34.70	34.10	22.40
99091M1 010	48.10	55.90	49.60	30.20	36.70	23.00
99091M1 011	46.10	48.30	49.20	39.50	33.60	30.20
99091M1 012	53.10	54.60	44.30	31.00	33.30	19.90
99091M1 013	61.20	68.70	66.50	59.80	57.90	38.90
99091M1 014	43.80	51.20	40.10	30.90	25.90	24.30
99091M1 015	50.50	51.50	43.50	35.50	31.60	22.00
99091M1 016	55.10	57.50	50.50	42.10	36.20	7.60
99091M1 017	56.10	50.40	44.90	39.50	32.10	26.30
99091M1 018	50.80	57.40	47.60	39.80	29.90	35.50
99091M1 019	57.60	58.60	53.80	44.10	37.40	16.50
99091M1 020	53.00	57.60	49.30	40.20	30.20	29.90

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : NK 603-L
TARGET DOSE : 11.00 %

SEX: MALE

FROM DATE:	12-JUL-00	12-JUL-00	19-JUL-00	19-JUL-00	26-JUL-00	2-AUG-00
TO DATE:	19-JUL-00	26-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00
DAY OF STUDY:	36- 43	36- 50	43- 50	43- 57	50- 57	57- 64
ANIMAL						
99091M1 001		51.60			35.20	11.20
99091M1 002		24.60			16.20	15.80
99091M1 003	21.30		26.40		22.10	17.90
99091M1 004	19.90		18.80		19.70	12.40
99091M1 005		42.90			23.20	11.00
99091M1 006		47.70			24.80	18.80
99091M1 007	47.10		30.50		27.00	20.90
99091M1 008	24.50		26.10		16.60	23.20
99091M1 009	26.30		21.50		22.10	17.90
99091M1 010	14.50		29.20		23.70	18.80
99091M1 011		29.20			26.90	25.70
99091M1 012	20.40		22.20		17.30	18.20
99091M1 013	33.70		43.10		25.40	32.00
99091M1 014		33.20			12.90	24.30
99091M1 015		29.80			18.40	21.20
99091M1 016		61.70			21.10	17.60
99091M1 017	5.40			39.50		21.10
99091M1 018	18.20			39.40		23.40
99091M1 019	37.40		23.40		16.30	17.90
99091M1 020	20.90		17.90		15.70	15.50

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : NK 603-L
TARGET DOSE : 11.00 %

SEX: MALE

FROM DATE:	9-AUG-00	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	64- 71	71- 78	78- 85	85- 92	92- 98
ANIMAL					
99091M1 001	22.70	16.90	14.00	4.50	21.70
99091M1 002	3.70	8.80	11.60	-0.40	11.70
99091M1 003	7.70	5.40	13.50	12.60	10.10
99091M1 004	19.80	5.60	16.30	-2.30	11.10
99091M1 005	12.00	2.40	13.60	5.80	16.80
99091M1 006	12.20	7.00	7.20	10.40	12.70
99091M1 007	19.40	15.90	3.30	10.80	14.60
99091M1 008	11.90	18.70	15.70	13.50	10.90
99091M1 009	17.20	12.70	13.50	8.30	15.60
99091M1 010	9.50	18.30	12.10	10.80	19.00
99091M1 011	12.30	7.40	11.50	10.60	7.10
99091M1 012	10.10	12.10	12.00	1.00	14.90
99091M1 013	29.40	15.90	-4.00	-2.70	20.50
99091M1 014	12.30	8.70	8.80	8.90	13.60
99091M1 015	9.70	9.50	4.90	13.50	14.50
99091M1 016	15.10	7.90	2.60	12.50	14.90
99091M1 017	4.70	15.40	5.80	8.00	15.90
99091M1 018	13.90	13.60	9.20	11.30	12.70
99091M1 019	20.30	3.60	-10.70	16.00	16.50
99091M1 020	19.30	15.40	7.30	14.10	11.30

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : NK 603-H
TARGET DOSE : 33.00 %

SEX: MALE

FROM DATE:	1-JUN-00	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	1- 8	8- 15	15- 22	22- 29	29- 36
ANIMAL						
99091M2 001	40.80	49.30	39.00	35.60	17.50	32.60
99091M2 002	44.30	44.50	48.40	32.50	21.20	26.30
99091M2 003	49.60	59.20	57.80	37.30	39.80	23.90
99091M2 004	47.30	52.60	47.50	41.90	33.60	21.40
99091M2 005	53.70	51.10	45.50	41.10	42.70	7.20
99091M2 006	46.40	57.20	52.40	40.80	40.80	39.00
99091M2 007	56.40	58.00	48.20	40.10	40.10	35.40
99091M2 008	47.20	64.00	47.20	31.70	37.50	32.20
99091M2 009	51.80	56.00	36.50	35.70	38.10	26.40
99091M2 010	56.90	63.80	57.70	49.50	50.90	8.40
99091M2 011	47.60	52.80	44.10	36.00	26.10	22.30
99091M2 012	58.70	58.20	60.80	48.00	30.60	20.70
99091M2 013	52.00	54.40	45.90	41.40	30.60	30.80
99091M2 014	49.40	54.10	46.70	49.80	41.00	30.30
99091M2 015	63.00	75.80	64.60	69.00	59.10	52.30
99091M2 016	49.60	53.00	36.30	37.00	26.70	26.90
99091M2 017	45.00	53.00	47.50	40.70	31.40	37.90
99091M2 018	48.70	51.40	38.30	39.30	29.20	25.40
99091M2 019	55.30	56.00	42.10	38.80	39.30	30.00
99091M2 020	51.30	62.70	42.60	41.40	43.30	4.40

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : NK 603-H
TARGET DOSE : 33.00 %

FROM DATE:	12-JUL-00	12-JUL-00	19-JUL-00	19-JUL-00	26-JUL-00	2-AUG-00
TO DATE:	19-JUL-00	26-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00
DAY OF STUDY:	36- 43	36- 50	43- 50	43- 57	50- 57	57- 64
ANIMAL						
99091M2 001		33.10			17.10	18.20
99091M2 002		31.90			17.00	12.50
99091M2 003	30.80		20.40		19.70	20.40
99091M2 004	21.30		-5.60		22.50	22.40
99091M2 005		75.10			20.80	10.90
99091M2 006		46.10			16.00	24.10
99091M2 007	17.20		19.40		20.00	13.30
99091M2 008	19.00		25.80		17.00	13.80
99091M2 009	20.20		27.10		18.70	4.60
99091M2 010	43.00		34.40		21.10	16.60
99091M2 011		0.80			33.50	17.90
99091M2 012	26.00		23.20		14.80	10.20
99091M2 013	23.60		17.90		21.50	14.40
99091M2 014		32.20			27.60	34.20
99091M2 015		37.50			65.30	-11.10
99091M2 016		32.20			15.70	14.60
99091M2 017	18.60			36.10		21.10
99091M2 018	19.00			41.00		19.90
99091M2 019	35.10		4.00		26.60	24.70
99091M2 020	46.70		25.40		16.60	22.50

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : NK 603-H
TARGET DOSE : 33.00 %

SEX: MALE

FROM DATE:	9-AUG-00	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	64- 71	71- 78	78- 85	85- 92	92- 98
ANIMAL					
99091M2 001	7.60	6.80	16.60	11.00	11.40
99091M2 002	4.00	14.10	1.00	6.90	11.60
99091M2 003	16.90	10.30	5.90	18.80	6.30
99091M2 004	7.10	3.80	2.10	10.30	19.90
99091M2 005	7.00	14.70	-0.30	11.60	17.70
99091M2 006	8.30	29.70	-6.40	17.70	16.20
99091M2 007	16.20	10.70	7.00	7.50	18.00
99091M2 008	11.90	10.50	13.70	8.60	15.60
99091M2 009	19.80	11.80	11.80	9.90	15.70
99091M2 010	11.50	13.90	9.60	16.20	18.00
99091M2 011	9.30	7.20	10.30	6.00	7.30
99091M2 012	12.90	3.60	11.80	5.70	17.20
99091M2 013	9.00	11.50			
99091M2 014	12.90	11.60	10.10	7.50	23.30
99091M2 015	61.00	2.00	22.00	23.30	32.70
99091M2 016	12.30	6.50	0.10	11.00	12.20
99091M2 017	2.80	19.40	8.60	5.80	15.50
99091M2 018	9.60	16.40	8.70	15.80	18.60
99091M2 019	24.60	21.80	6.40	16.40	19.90
99091M2 020	14.50	19.80	13.20	14.80	26.90

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PARENT-L
TARGET DOSE : 11.00 %

SEX: MALE

FROM DATE:	1-JUN-00	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	1- 8	8- 15	15- 22	22- 29	29- 36
ANIMAL						
99091M3 001	47.50	50.70	34.70	31.60	29.50	18.40
99091M3 002	53.70	56.20	57.10	47.50	37.40	32.10
99091M3 003	45.50	46.00	39.10	33.10	26.50	22.00
99091M3 004	43.40	46.50	34.80	32.90	26.80	20.20
99091M3 005	46.90	54.60	54.90	43.80	37.60	30.60
99091M3 006	46.00	53.90	42.30	39.50	33.70	28.20
99091M3 007	55.70	53.70	49.40	43.70	39.70	28.00
99091M3 008	54.70	58.70	44.00	41.20	37.60	29.90
99091M3 009	47.30	59.90	48.10	52.60	20.70	57.20
99091M3 010	54.80	46.00	57.20	45.60	40.10	28.70
99091M3 011	47.90	54.80	47.30	32.40	32.80	24.10
99091M3 012	66.60	74.20	59.50	69.10	61.30	49.60
99091M3 013	51.20	52.00	42.60	31.30	25.10	21.50
99091M3 014	46.10	52.70	39.70	38.10	35.50	9.30
99091M3 015	54.60	58.00	33.30	35.80	32.50	19.40
99091M3 016	52.00	50.50	44.90	40.00	29.30	22.10
99091M3 017	44.50	48.60	49.70	43.60	25.00	27.20
99091M3 018	56.90	59.80	49.00	42.80	33.50	31.00
99091M3 019	47.40	66.20	42.10	38.70	26.20	17.70
99091M3 020	50.80	53.00	44.50	34.80	29.70	23.10

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PARENT-L
TARGET DOSE : 11.00 %

SEX: MALE

FROM DATE:	12-JUL-00	12-JUL-00	19-JUL-00	19-JUL-00	26-JUL-00	2-AUG-00
TO DATE:	19-JUL-00	26-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00
DAY OF STUDY:	36- 43	36- 50	43- 50	43- 57	50- 57	57- 64
ANIMAL						
99091M3 001		27.80			15.70	12.00
99091M3 002		43.90			32.70	25.00
99091M3 003	11.50		20.30		19.30	10.50
99091M3 004	17.20		13.10		12.60	9.00
99091M3 005		39.20			26.70	20.50
99091M3 006		38.40			15.90	17.00
99091M3 007	27.70		17.90		18.40	22.20
99091M3 008	33.90		20.00		21.70	23.90
99091M3 009	18.60		28.70		16.70	23.70
99091M3 010	23.20		24.50		10.70	17.30
99091M3 011		23.10			16.50	16.70
99091M3 012	13.10		45.70		29.20	28.80
99091M3 013	22.10		6.80		7.50	21.70
99091M3 014		45.90			28.30	16.80
99091M3 015		42.20			26.70	18.10
99091M3 016		27.60			17.90	15.40
99091M3 017	26.50			31.50		20.30
99091M3 018	23.30			37.50		18.20
99091M3 019	28.50		19.70		14.40	17.50
99091M3 020	21.50		12.90		17.00	19.00

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PARENT-L
TARGET DOSE : 11.00 %

SEX: MALE

FROM DATE:	9-AUG-00	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	64- 71	71- 78	78- 85	85- 92	92- 98
ANIMAL					
99091M3 001	10.90	5.20	11.10	7.70	13.90
99091M3 002	15.30	11.70	17.10	5.90	24.30
99091M3 003	3.20	12.90	8.70	7.80	14.00
99091M3 004	6.50	8.70	-2.90	0.60	13.90
99091M3 005	14.40	14.30	7.20	11.50	12.50
99091M3 006	11.80	9.70	9.50	8.60	11.40
99091M3 007	12.00	18.30	13.30	11.30	14.90
99091M3 008	17.90	20.20	20.40	9.60	26.00
99091M3 009	16.40	16.20	16.00	9.70	25.40
99091M3 010	16.20	17.30	5.10	17.80	15.30
99091M3 011	11.80	4.70	8.90	5.30	17.10
99091M3 012	20.80	23.20	19.20	20.60	26.20
99091M3 013	6.40	11.80	11.10	3.00	11.20
99091M3 014	12.20	14.70	7.10	9.80	15.50
99091M3 015	17.30	11.20	18.30	2.80	18.00
99091M3 016	3.90	8.50	1.30	12.50	13.90
99091M3 017	9.20	13.40	8.20	11.00	13.20
99091M3 018	8.70	13.90	9.30	8.40	15.20
99091M3 019	2.10	17.10	3.10	8.30	13.50
99091M3 020	13.20	16.60	9.30	17.30	11.40

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PARENT-H
TARGET DOSE : 33.00 %

SEX: MALE

FROM DATE:	1-JUN-00	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	1- 8	8- 15	15- 22	22- 29	29- 36
ANIMAL						
99091M4 001	46.30	46.60	43.90	41.60	35.70	18.20
99091M4 002	55.10	63.10	49.50	46.10	38.40	32.20
99091M4 003	45.70	57.00	44.80	40.30	29.70	27.90
99091M4 004	43.30	52.60	35.80	45.50	29.00	28.90
99091M4 005	46.80	51.00	38.70	39.40	24.90	29.20
99091M4 006	44.20	52.40	47.00	31.30	36.30	30.40
99091M4 007	46.80	55.10	47.20	41.80	30.50	7.40
99091M4 008	52.10	59.30	40.90	42.90	30.40	21.90
99091M4 009	53.10	69.50	45.10	43.50	31.90	17.40
99091M4 010	51.90	65.80	57.00	40.40	28.40	31.20
99091M4 011	45.40	52.10	43.10	36.70	24.20	27.70
99091M4 012	51.70	59.70	45.60	55.40	36.90	26.00
99091M4 013	55.10	56.00	36.70	35.70	25.30	16.00
99091M4 014	45.90	50.10	36.90	28.00	23.10	15.90
99091M4 015	49.70	56.60	39.00	37.70	36.70	11.60
99091M4 016	48.90	61.50	44.80	35.20	34.80	27.80
99091M4 017	51.90	58.90	44.90	43.80	36.70	40.20
99091M4 018	47.40	56.90	39.20	40.20	32.80	26.40
99091M4 019	52.60	58.90	41.30	44.40	27.40	23.60
99091M4 020	50.70	51.50	42.40	40.50	29.00	24.60

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PARENT-H
TARGET DOSE : 33.00 %

SEX: MALE

FROM DATE:	12-JUL-00	12-JUL-00	19-JUL-00	19-JUL-00	26-JUL-00	2-AUG-00
TO DATE:	19-JUL-00	26-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00
DAY OF STUDY:	36- 43	36- 50	43- 50	43- 57	50- 57	57- 64
ANIMAL						
99091M4 001		45.70			22.60	12.50
99091M4 002		41.40			25.60	25.20
99091M4 003	26.70		20.60		21.60	18.20
99091M4 004	18.80		17.50		17.10	21.10
99091M4 005		30.20			17.20	20.10
99091M4 006		33.90			20.50	20.60
99091M4 007	38.40		14.90		21.10	18.90
99091M4 008	17.40		22.00		21.80	27.70
99091M4 009	48.50		25.20		17.70	28.10
99091M4 010	30.30		25.90		25.10	19.30
99091M4 011		33.30			11.70	16.10
99091M4 012	27.40		19.60		16.60	16.80
99091M4 013	24.90		20.10		10.60	16.50
99091M4 014		24.30			7.40	15.80
99091M4 015		56.60			26.10	18.20
99091M4 016		43.60			23.50	14.30
99091M4 017	26.80			34.20		20.60
99091M4 018	18.80			25.90		21.00
99091M4 019	30.80		23.40		17.60	16.90
99091M4 020	24.90		-8.40		15.50	15.80

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PARENT-H
TARGET DOSE : 33.00 %

SEX: MALE

FROM DATE:	9-AUG-00	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	64- 71	71- 78	78- 85	85- 92	92- 98
ANIMAL					
99091M4 001	8.30	4.30	14.20	14.80	5.60
99091M4 002	19.70	14.50	11.00	17.80	19.80
99091M4 003	12.30	15.50	-4.30	14.70	20.80
99091M4 004	14.50	13.30	9.80	6.20	20.20
99091M4 005	9.00	14.30	15.40	14.10	5.10
99091M4 006	12.10	10.30	2.80	13.60	16.50
99091M4 007	9.00	13.00	3.90	8.90	19.10
99091M4 008	12.70	14.00	8.30	7.20	15.00
99091M4 009	6.40	14.40	10.70	12.40	6.60
99091M4 010	12.20	21.60	6.20	16.50	13.90
99091M4 011	3.10	10.90	8.30	10.40	4.60
99091M4 012	10.40	11.60	7.00	2.80	16.60
99091M4 013	20.30	-5.20	25.40	4.40	16.20
99091M4 014	6.20	11.30	7.10	9.80	9.00
99091M4 015	21.90	13.60	12.20	8.00	19.80
99091M4 016	11.10	12.60	3.90	12.30	14.70
99091M4 017	7.90	5.50	7.60	4.90	21.00
99091M4 018	10.40	2.90	10.80	7.90	11.40
99091M4 019	19.00	13.90	12.10	2.70	29.70
99091M4 020	17.50	10.40	5.70	6.00	8.90

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CROWS 363
TARGET DOSE : 33.00 %

SEX: MALE

FROM DATE:	1-JUN-00	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	1- 8	8- 15	15- 22	22- 29	29- 36
ANIMAL						
99091M5 001	46.80	50.00	36.20	32.90	22.40	24.60
99091M5 002	47.80	61.80	43.30	42.70	29.70	20.50
99091M5 003	39.70	50.90	44.40	32.30	29.40	20.10
99091M5 004	55.70	58.30	47.50	45.00	33.70	42.70
99091M5 005	48.10	58.20	46.80	44.00	31.20	36.20
99091M5 006	43.90	57.10	37.80	44.60	33.20	30.50
99091M5 007	46.50	53.20	44.60	35.10	17.40	18.20
99091M5 008	50.60	57.20	46.50	31.60	31.60	25.60
99091M5 009	46.60	51.00	39.00	38.20	28.30	25.10
99091M5 010	49.20	59.10	53.90	37.20	44.40	25.70
99091M5 011	44.20	50.80	44.00	36.30	32.60	23.80
99091M5 012	49.20	52.60	47.80	38.20	35.60	33.70
99091M5 013	47.50	56.70	41.10	40.80	31.80	25.10
99091M5 014	50.60	59.20	48.30	37.30	43.80	14.20
99091M5 015	42.40	43.90	44.00	34.00	26.30	25.10
99091M5 016	54.00	67.00	51.70	52.50	33.40	20.80
99091M5 017	49.80	52.60	43.40	34.40	28.70	22.50
99091M5 018	40.00	42.30	40.00	36.90	33.30	24.40
99091M5 019	54.40	56.40	42.10	42.00	34.80	29.30
99091M5 020	52.00	52.20	51.10	43.40	25.60	43.70

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CROWS 363
TARGET DOSE : 33.00 %

SEX: MALE

FROM DATE:	12-JUL-00	12-JUL-00	19-JUL-00	19-JUL-00	26-JUL-00	2-AUG-00
TO DATE:	19-JUL-00	26-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00
DAY OF STUDY:	36- 43	36- 50	43- 50	43- 57	50- 57	57- 64
ANIMAL						
99091M5 001		29.40			13.80	16.50
99091M5 002		45.50			19.10	27.00
99091M5 003	22.70		17.80		19.70	15.40
99091M5 004	25.20		22.50		23.10	16.60
99091M5 005		37.70			16.30	25.30
99091M5 006		43.50			21.00	28.60
99091M5 007	23.40		12.40		13.30	11.40
99091M5 008	18.40		12.50		18.90	18.00
99091M5 009	27.20		18.70		15.90	20.70
99091M5 010	27.60		17.30		18.60	27.10
99091M5 011		31.00			19.80	16.80
99091M5 012	24.10		15.40		18.10	15.70
99091M5 013	20.80		10.10		20.10	17.90
99091M5 014		50.20			26.80	17.60
99091M5 015		27.30			19.30	21.10
99091M5 016		68.00			30.30	22.90
99091M5 017	15.90			35.50		20.60
99091M5 018	20.10			26.10		12.40
99091M5 019	20.00		19.00		17.60	14.00
99091M5 020	22.10		24.30		29.20	23.80

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CROWS 363
TARGET DOSE : 33.00 %

SEX: MALE

FROM DATE:	9-AUG-00	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	64- 71	71- 78	78- 85	85- 92	92- 98
ANIMAL					
99091M5 001	13.60	13.10	11.50	3.00	8.50
99091M5 002	8.90	11.30	11.10	5.10	13.60
99091M5 003	6.50	12.80	2.70	10.60	7.10
99091M5 004	12.60	12.00	16.70	5.60	19.00
99091M5 005	13.20	9.00	13.50	7.00	6.90
99091M5 006	1.40	16.90	12.50	2.80	15.00
99091M5 007	9.80	4.10	12.70	1.40	6.10
99091M5 008	9.40	12.40	9.00	-9.10	28.10
99091M5 009	9.80	9.80	12.80	8.50	17.50
99091M5 010	13.80	15.70	9.80	4.80	12.30
99091M5 011	10.80	4.10	7.50	9.40	13.00
99091M5 012	5.90	12.40	12.50	14.70	10.70
99091M5 013	11.80	12.30	17.10	10.40	17.70
99091M5 014	3.90	8.00	13.00	9.10	15.70
99091M5 015	8.10	13.10	13.20	4.70	15.80
99091M5 016	9.70	21.40	15.40	10.60	10.00
99091M5 017	14.30	13.30	13.40	12.50	11.70
99091M5 018	10.20	6.50	14.20	0.80	12.60
99091M5 019	12.90	5.10	14.70	8.00	10.80
99091M5 020	19.40	9.70	15.80	20.90	16.20

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PIONEER 3394
TARGET DOSE : 33.00 %

SEX: MALE

FROM DATE:	1-JUN-00	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	1- 8	8- 15	15- 22	22- 29	29- 36
ANIMAL						
99091M6 001	46.20	41.70	42.30	29.60	30.40	28.10
99091M6 002	38.30	51.20	32.80	32.30	33.30	24.20
99091M6 003	45.60	48.60	40.90	34.20	37.60	13.20
99091M6 004	41.90	54.30	39.10	41.40	29.50	17.90
99091M6 005	42.10	44.10	37.60	22.10	23.70	13.30
99091M6 006	46.50	51.80	42.10	34.20	32.90	25.20
99091M6 007	46.60	51.50	45.50	43.30	32.80	22.70
99091M6 008	42.90	52.70	41.80	36.10	35.20	15.50
99091M6 009	53.20	66.90	48.10	41.50	24.40	37.10
99091M6 010	47.10	53.60	42.40	36.60	25.10	2.00
99091M6 011	48.40	61.40	48.40	47.20	32.60	23.70
99091M6 012	47.50	58.70	45.00	32.70	29.30	26.00
99091M6 013	48.60	47.20	45.20	39.50	33.60	25.10
99091M6 014	49.50	56.60	45.40	36.50	24.10	23.20
99091M6 015	52.40	58.50	47.70	42.90	42.30	32.20
99091M6 016	52.30	54.30	52.60	37.80	33.90	22.40
99091M6 017	46.70	57.00	40.70	36.70	33.60	28.80
99091M6 018	42.80	45.40	41.40	36.00	33.60	24.00
99091M6 019	45.80	65.20	48.20	38.00	19.90	54.30
99091M6 020	46.60	55.40	31.60	37.60	16.00	53.10

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PIONEER 3394
TARGET DOSE : 33.00 %

SEX: MALE

FROM DATE:	12-JUL-00	12-JUL-00	19-JUL-00	19-JUL-00	26-JUL-00	2-AUG-00
TO DATE:	19-JUL-00	26-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00
DAY OF STUDY:	36- 43	36- 50	43- 50	43- 57	50- 57	57- 64
ANIMAL						
99091M6 001		31.50			9.10	21.20
99091M6 002		26.50			22.80	20.40
99091M6 003	30.80		17.00		15.20	14.70
99091M6 004	23.20		28.00		23.20	18.70
99091M6 005		14.20			13.70	13.40
99091M6 006		26.90			23.10	11.90
99091M6 007	31.80		16.00		18.50	22.20
99091M6 008	39.80		20.00		19.00	21.30
99091M6 009	29.90		30.70		21.30	26.40
99091M6 010	44.50		20.90		15.70	18.50
99091M6 011		41.90			35.10	19.90
99091M6 012	18.80		21.00		24.00	18.60
99091M6 013	20.30		13.50		19.50	11.60
99091M6 014		41.40			22.50	16.60
99091M6 015	24.80			37.70		23.10
99091M6 016	23.80			53.10		16.40
99091M6 017	17.00			30.90		16.30
99091M6 018	25.70			28.20		22.80
99091M6 019	33.00		36.60		21.90	25.80
99091M6 020	24.70		19.40		18.00	16.00

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PIONEER 3394
TARGET DOSE : 33.00 %

SEX: MALE

FROM DATE:	9-AUG-00	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	64- 71	71- 78	78- 85	85- 92	92- 98
ANIMAL					
99091M6 001	11.10	13.80	11.00	9.50	18.60
99091M6 002	4.30	14.20	15.60	7.50	16.70
99091M6 003	18.40	10.40	25.50	10.70	18.60
99091M6 004	13.50	8.60	15.50	11.30	17.90
99091M6 005	8.90	11.20	4.70	0.30	8.70
99091M6 006	20.10	11.90	11.20	11.30	4.00
99091M6 007	10.60	11.30	14.60	12.10	15.50
99091M6 008	12.80	9.80	11.30	9.30	12.50
99091M6 009	8.10	19.20	-107.60		
99091M6 010	14.20	2.20	0.40	9.90	4.60
99091M6 011	15.60	14.20	17.20	12.40	15.30
99091M6 012	13.40	12.70	16.90	3.70	17.90
99091M6 013	13.20	10.70	4.20	11.40	3.80
99091M6 014	6.30	10.70	22.30	8.50	4.00
99091M6 015	6.80	19.40	17.40	11.30	18.40
99091M6 016	17.90	12.40	20.20	17.60	13.70
99091M6 017	10.00	11.50	12.10	7.80	15.70
99091M6 018	13.00	15.00	16.80	5.00	17.10
99091M6 019	21.20	19.50	17.30	30.90	-2.90
99091M6 020	5.20	19.20	6.80	3.30	9.60

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : CROPLAN GENETICS 461
TARGET DOSE : 33.00 %

FROM DATE:	1-JUN-00	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	1- 8	8- 15	15- 22	22- 29	29- 36
ANIMAL						
99091M7 001	48.40	68.80	55.70	51.90	23.90	24.40
99091M7 002	46.10	61.70	41.90	39.30	29.20	24.10
99091M7 003	45.10	52.90	46.90	42.00	27.30	36.90
99091M7 004	46.50	61.50	57.40	37.30	36.40	18.80
99091M7 005	49.60	53.50	46.60	35.60	25.10	23.30
99091M7 006	38.60	33.60	33.70	29.40	33.10	27.40
99091M7 007	51.10	49.70	56.90	35.70	30.30	30.20
99091M7 008	41.40	49.80	35.70	34.50	31.70	22.00
99091M7 009	45.50	49.00	40.60	35.70	29.30	26.20
99091M7 010	48.60	51.20	50.40	36.50	25.60	27.20
99091M7 011	42.00	47.20	39.20	36.50	38.40	35.60
99091M7 012	50.60	60.30	45.60	41.80	35.00	32.40
99091M7 013	41.70	53.20	37.40	34.70	25.10	35.80
99091M7 014	42.10	48.70	35.80	40.70	34.60	28.50
99091M7 015	51.20	47.10	45.40	39.50	38.50	23.50
99091M7 016	53.70	60.20	52.00	48.30	34.00	25.30
99091M7 017	49.40	58.90	51.00	39.90	46.50	43.20
99091M7 018	62.10	75.30	69.60	55.20	44.30	61.70
99091M7 019	47.80	54.70	56.90	39.10	30.70	25.00
99091M7 020	52.10	62.30	40.20	46.80	34.80	19.50

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CROPLAN GENETICS 461
TARGET DOSE : 33.00 %

SEX: MALE

FROM DATE:	12-JUL-00	12-JUL-00	19-JUL-00	19-JUL-00	26-JUL-00	2-AUG-00
TO DATE:	19-JUL-00	26-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00
DAY OF STUDY:	36- 43	36- 50	43- 50	43- 57	50- 57	57- 64
ANIMAL						
99091M7 001		65.40			37.00	23.50
99091M7 002		24.40			24.90	19.60
99091M7 003	21.70		29.50		27.20	16.50
99091M7 004	31.30		21.50		27.20	22.10
99091M7 005		47.00			29.00	23.30
99091M7 006		28.20			15.80	18.60
99091M7 007	14.40		20.90		21.00	13.70
99091M7 008	26.20		19.50		17.80	9.30
99091M7 009	19.00		23.10		20.50	16.20
99091M7 010	18.00		13.30		16.00	20.90
99091M7 011		29.10			29.80	20.50
99091M7 012	23.70		23.80		16.70	14.80
99091M7 013	18.90		26.10		22.50	14.20
99091M7 014		21.60			29.20	14.40
99091M7 015	30.60			38.50		11.20
99091M7 016	42.70			56.30		20.90
99091M7 017	24.40			48.60		28.50
99091M7 018	42.00			51.40		19.80
99091M7 019	18.30		27.70		18.50	17.10
99091M7 020	23.70		17.30		26.50	20.80

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : CROPLAN GENETICS 461
TARGET DOSE : 33.00 %

FROM DATE:	9-AUG-00	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	64- 71	71- 78	78- 85	85- 92	92- 98
ANIMAL					
99091M7 001	12.90	7.70	9.40	21.20	12.90
99091M7 002	18.80	7.40	18.00	3.90	18.40
99091M7 003	17.60	10.40	17.20	11.30	17.30
99091M7 004	13.70	13.70	7.90	20.30	10.30
99091M7 005	12.40	15.30	10.10	6.30	17.40
99091M7 006	11.10	11.90	6.50	10.00	12.10
99091M7 007	13.70	5.20	10.20	14.50	8.20
99091M7 008	6.00	4.50	-0.80	28.00	12.60
99091M7 009	14.30	14.70	10.60	10.60	22.10
99091M7 010	6.80	10.50	18.80	9.30	15.00
99091M7 011	15.90	15.20	9.30	12.70	19.10
99091M7 012	14.00	8.40	15.90	15.90	13.00
99091M7 013	14.50	17.10	13.00	18.30	15.80
99091M7 014	16.40	18.10	12.40	17.90	10.00
99091M7 015	12.60	12.40	14.50	17.70	10.80
99091M7 016	23.60	13.80	24.50	14.70	26.70
99091M7 017	19.20	24.50	18.10	19.90	20.30
99091M7 018	33.70	19.50	20.80	23.60	28.20
99091M7 019	7.20	12.10	12.10	10.50	16.40
99091M7 020	5.00	17.20	8.40	10.80	22.50

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : CAMPBELLS 6995
TARGET DOSE : 33.00 %

FROM DATE:	1-JUN-00	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	1- 8	8- 15	15- 22	22- 29	29- 36
ANIMAL						
99091M8 001	41.00	56.00	43.80	38.50	36.50	26.20
99091M8 002	38.40	50.80	40.40	36.70	25.60	27.30
99091M8 003	43.10	54.80	49.20	39.90	38.00	22.70
99091M8 004	35.40	35.40	34.00	28.80	24.20	19.60
99091M8 005	52.50	58.10	46.60	40.80	31.90	34.80
99091M8 006	45.70	56.60	45.20	37.10	33.20	31.20
99091M8 007	43.10	50.10	48.40	39.50	27.00	22.00
99091M8 008	42.10	54.00	53.30	40.40	32.70	26.60
99091M8 009	39.80	52.10	39.90	30.30	29.40	26.70
99091M8 010	40.30	51.60	38.50	36.90	23.30	25.30
99091M8 011	46.20	56.90	51.70	39.70	42.70	10.40
99091M8 012	49.10	54.90	38.80	32.30	31.30	23.60
99091M8 013	46.70	50.80	39.20	40.50	31.80	30.50
99091M8 014	52.70	55.80	52.70	41.60	40.50	24.60
99091M8 015	49.90	48.50	52.50	50.50	38.10	26.30
99091M8 016	48.10	56.60	48.80	47.50	33.70	25.60
99091M8 017	52.90	57.30	51.20	40.70	41.80	-1.40
99091M8 018	55.00	59.60	54.30	47.60	43.80	32.90
99091M8 019	49.10	64.90	54.50	43.10	37.10	23.20
99091M8 020	51.50	57.20	49.90	37.80	31.00	27.60

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CAMPBELLS 6995
TARGET DOSE : 33.00 %

SEX: MALE

FROM DATE:	12-JUL-00	12-JUL-00	19-JUL-00	19-JUL-00	26-JUL-00	2-AUG-00
TO DATE:	19-JUL-00	26-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00
DAY OF STUDY:	36- 43	36- 50	43- 50	43- 57	50- 57	57- 64
ANIMAL						
99091M8 001		34.60			15.60	17.00
99091M8 002		24.50			21.00	15.40
99091M8 003	26.50		17.80		22.00	15.00
99091M8 004	13.80		14.90		15.70	7.90
99091M8 005		30.40			24.80	16.40
99091M8 006		35.10			16.50	22.10
99091M8 007	20.20		19.20		16.10	12.30
99091M8 008	28.00		20.10		22.00	19.70
99091M8 009	20.40		18.40		17.60	11.90
99091M8 010	16.80		18.50		14.60	18.10
99091M8 011		50.20			23.40	23.50
99091M8 012	22.60		13.40		23.60	13.50
99091M8 013	17.40		26.00		24.00	10.20
99091M8 014		40.60			26.60	23.40
99091M8 015	42.90			58.00		24.10
99091M8 016	25.60			31.90		15.80
99091M8 017	47.50			45.70		20.90
99091M8 018	24.50			54.40		13.80
99091M8 019	35.30		25.80		27.40	20.70
99091M8 020	15.00		16.50		22.30	12.70

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : CAMPBELLS 6995
TARGET DOSE : 33.00 %

FROM DATE:	9-AUG-00	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	64- 71	71- 78	78- 85	85- 92	92- 98
ANIMAL					
99091M8 001	13.10	11.80	8.20	8.50	10.20
99091M8 002	9.70	14.50	9.10	11.50	13.20
99091M8 003	5.00	19.10	7.80	19.90	10.40
99091M8 004	9.10	11.00	3.70	6.70	9.50
99091M8 005	18.30	12.40	14.80	11.30	22.50
99091M8 006	10.40	19.90	14.50	10.60	18.20
99091M8 007	9.90	8.90	-22.30	-0.60	15.40
99091M8 008	17.20	9.80	18.20	11.40	19.50
99091M8 009	17.20	19.30	4.80	13.90	16.20
99091M8 010	8.50	12.10	8.40	2.70	9.00
99091M8 011	10.40	13.50	14.30	15.40	19.50
99091M8 012	19.60	10.80	9.30	15.40	15.70
99091M8 013	19.10	9.00	11.00	13.00	17.50
99091M8 014	8.60	12.90	22.10	11.20	22.60
99091M8 015	28.90	26.00	10.20	16.20	27.90
99091M8 016	17.30	11.00	10.50	14.70	6.80
99091M8 017	16.90	12.30	4.90	15.00	13.20
99091M8 018	11.40	12.00	13.40	17.00	14.10
99091M8 019	15.40	12.30	19.70	7.60	18.20
99091M8 020	11.80	14.30	15.10	12.40	18.70

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : DK 539
TARGET DOSE : 33.00 %

SEX: MALE

FROM DATE:	1-JUN-00	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	1- 8	8- 15	15- 22	22- 29	29- 36
ANIMAL						
99091M9 001	49.50	53.30	43.00	37.80	28.20	25.90
99091M9 002	40.80	43.40	32.30	29.60	33.90	27.60
99091M9 003	47.30	62.70	46.80	44.40	34.60	33.50
99091M9 004	48.80	61.80	49.60	43.80	18.00	28.70
99091M9 005	45.80	51.30	38.60	34.80	29.00	39.60
99091M9 006	50.90	56.10	52.50	42.50	32.60	36.40
99091M9 007	41.10	55.90	50.20	37.30	30.00	29.40
99091M9 008	51.80	63.50	43.20	38.00	26.20	22.10
99091M9 009	49.90	59.20	55.20	42.70	35.80	28.80
99091M9 010	50.30	58.30	50.00	42.70	32.10	29.40
99091M9 011	51.20	50.70	56.30	42.70	31.60	35.00
99091M9 012	53.40	57.50	40.20	35.30	28.20	25.60
99091M9 013	52.10	57.10	45.10	46.70	38.20	39.60
99091M9 014	38.50	51.50	36.20	30.20	31.40	26.10
99091M9 015	41.30	53.90	36.30	35.60	30.50	26.00
99091M9 016	55.20	61.50	51.80	40.60	27.60	28.20
99091M9 017	51.80	58.70	31.40	35.30	14.70	36.70
99091M9 018	48.00	51.50	34.20	32.90	30.60	16.30
99091M9 019	50.60	56.50	43.90	43.20	34.70	33.30
99091M9 020	48.90	62.40	49.90	41.00	28.60	17.40

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : DK 539
TARGET DOSE : 33.00 %

SEX: MALE

FROM DATE:	12-JUL-00	12-JUL-00	19-JUL-00	19-JUL-00	26-JUL-00	2-AUG-00
TO DATE:	19-JUL-00	26-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00
DAY OF STUDY:	36- 43	36- 50	43- 50	43- 57	50- 57	57- 64
ANIMAL						
99091M9 001		35.60			33.60	18.30
99091M9 002		31.00			27.50	13.50
99091M9 003	19.40		19.10		20.40	6.60
99091M9 004	31.30		23.00		35.80	13.20
99091M9 005		40.80			29.70	19.30
99091M9 006		27.50			27.80	28.70
99091M9 007	14.70		4.30		24.70	17.40
99091M9 008	13.40		17.80		28.50	18.60
99091M9 009	20.60		16.60		22.60	9.30
99091M9 010	14.50		14.20		18.80	13.30
99091M9 011		37.00			33.00	20.60
99091M9 012	24.30		22.60		16.90	15.60
99091M9 013	22.20		22.80		28.60	20.50
99091M9 014		23.50			20.20	19.40
99091M9 015	16.00			33.90		19.20
99091M9 016	15.70			38.30		10.30
99091M9 017	19.10			31.20		17.40
99091M9 018	18.60			23.80		17.30
99091M9 019	25.30		22.80		23.00	13.30
99091M9 020	28.90		23.20		23.80	8.80

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : DK 539
TARGET DOSE : 33.00 %

SEX: MALE

FROM DATE:	9-AUG-00	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	64- 71	71- 78	78- 85	85- 92	92- 98
ANIMAL					
99091M9 001	11.30	13.90	8.40	12.50	16.30
99091M9 002	15.40	11.60	9.50	8.30	12.50
99091M9 003	4.80	15.00	12.70	12.60	-8.30
99091M9 004	9.60	8.00	15.00	11.30	14.60
99091M9 005	20.40	8.70	11.90	7.40	18.80
99091M9 006	13.20	8.10	17.80	12.40	19.30
99091M9 007	13.20	17.70	5.60	6.30	18.80
99091M9 008	17.90	10.10	10.00	11.00	16.40
99091M9 009	14.00	10.90	14.50	6.50	12.60
99091M9 010	19.00	8.50	10.90	7.80	23.80
99091M9 011	18.60	9.20	12.20	11.20	14.10
99091M9 012	12.90	13.00	12.30	10.10	9.10
99091M9 013	15.00	15.70	14.20	6.80	10.70
99091M9 014	15.50	8.90	8.50	6.60	15.10
99091M9 015	2.50	4.30	14.30	-0.20	28.00
99091M9 016	17.70	12.20	19.40	12.30	8.50
99091M9 017	16.20	13.30	9.50	10.50	14.40
99091M9 018	11.60	10.50	14.10	11.50	11.40
99091M9 019	8.80	11.80	11.90	13.40	14.80
99091M9 020	17.70	9.50	7.00	11.70	13.50

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : DK 537
TARGET DOSE : 33.00 %

SEX: MALE

FROM DATE:	1-JUN-00	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	1- 8	8- 15	15- 22	22- 29	29- 36
ANIMAL						
99091M10 001	48.00	56.70	42.60	33.50	40.70	16.60
99091M10 002	39.80	41.20	21.50	26.80	21.60	16.00
99091M10 003	52.20	62.90	54.10	44.20	30.40	24.60
99091M10 004	44.60	51.60	48.10	39.40	20.80	17.20
99091M10 005	45.60	57.10	44.90	40.00	35.70	27.80
99091M10 006	46.40	54.20	44.50	43.30	32.80	35.20
99091M10 007	48.90	62.00	41.90	41.70	34.00	35.30
99091M10 008	62.60	61.20	52.70	34.80	33.20	25.20
99091M10 009	52.80	63.00	48.30	40.60	40.20	31.20
99091M10 010	43.30	58.50	49.80	46.10	37.70	39.20
99091M10 011	46.50	45.90	42.80	29.90	32.30	25.20
99091M10 012	54.10	59.00	47.40	41.00	28.90	4.30
99091M10 013	49.80	60.00	46.20	45.20	39.00	39.00
99091M10 014	44.10	51.00	40.70	34.50	37.20	30.70
99091M10 015	49.80	55.50	45.70	41.80	34.80	32.20
99091M10 016	48.20	53.30	48.10	34.40	34.10	27.20
99091M10 017	43.80	55.50	41.60	36.40	33.30	26.10
99091M10 018	43.50	44.30	42.00	36.60	26.10	25.60
99091M10 019	47.20	51.50	42.10	35.70	29.20	26.40
99091M10 020	53.20	55.00	46.60	37.20	39.20	26.00

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : DK 537
TARGET DOSE : 33.00 %

SEX: MALE

FROM DATE:	12-JUL-00	12-JUL-00	19-JUL-00	19-JUL-00	26-JUL-00	2-AUG-00
TO DATE:	19-JUL-00	26-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00
DAY OF STUDY:	36- 43	36- 50	43- 50	43- 57	50- 57	57- 64
ANIMAL						
99091M10 001		46.50			29.20	11.40
99091M10 002		20.50			22.20	13.20
99091M10 003	32.90		30.90		39.10	11.90
99091M10 004	11.90		15.30		27.30	20.50
99091M10 005		36.60			29.60	19.80
99091M10 006		42.50			25.00	27.10
99091M10 007	22.00		23.50		31.70	23.70
99091M10 008	21.20		18.80		28.40	16.60
99091M10 009	27.20		26.00		27.40	17.40
99091M10 010	27.60		16.30		27.20	8.60
99091M10 011		34.70			36.00	16.40
99091M10 012	43.70		14.60		35.50	15.80
99091M10 013	16.70		37.20		25.80	10.90
99091M10 014		23.20			35.30	5.90
99091M10 015	22.80			44.30		15.80
99091M10 016	20.00			39.50		2.30
99091M10 017	23.60			38.00		15.20
99091M10 018	13.50			29.70		16.20
99091M10 019	14.30		16.20		25.30	8.00
99091M10 020	31.80		17.40		28.40	12.90

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : DK 537
TARGET DOSE : 33.00 %

FROM DATE:	9-AUG-00	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	64- 71	71- 78	78- 85	85- 92	92- 98
ANIMAL					
99091M10 001	7.40	2.00	24.40	16.50	12.00
99091M10 002	9.70	6.90	14.60	7.30	3.20
99091M10 003	12.00	18.40	13.20	19.60	13.60
99091M10 004	11.00	15.90	14.30	20.80	9.70
99091M10 005	17.00	11.30	11.90	9.80	16.90
99091M10 006	9.60	13.70	16.30	11.40	13.30
99091M10 007	14.40	12.10	4.20	18.40	21.80
99091M10 008	19.70	15.30	17.70	16.90	17.00
99091M10 009	10.60	10.50	13.00	8.20	9.80
99091M10 010	15.70	19.50	6.90	15.70	9.60
99091M10 011	18.80	11.70	18.10	13.80	12.20
99091M10 012	20.80	18.00	17.30	9.50	0.00
99091M10 013	10.40	23.30	22.00	26.90	8.00
99091M10 014	19.60	12.30	19.20	7.70	5.40
99091M10 015	16.90	13.40	18.70	14.80	12.20
99091M10 016	16.60	-27.10	27.50	-3.30	-25.20
99091M10 017	10.60	7.00	20.70	17.90	7.60
99091M10 018	18.20	10.40	13.70	4.90	6.30
99091M10 019	8.60	9.10	11.40	10.50	2.90
99091M10 020	14.70	7.30	22.30	11.40	4.80

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : NK 603-L
TARGET DOSE : 11.00 %

SEX: FEMALE

FROM DATE:	1-JUN-00	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	1- 8	8- 15	15- 22	22- 29	29- 36
ANIMAL						
99091F1 001	20.60	26.50	19.00	16.30	16.00	8.00
99091F1 002	15.80	23.30	8.70	21.80	14.50	4.10
99091F1 003	24.60	21.70	26.20	18.40	16.00	12.50
99091F1 004	26.30	17.50	18.20	19.10	15.10	17.90
99091F1 005	20.70	16.40	19.90	12.80	15.80	14.40
99091F1 006	27.10	31.70	37.00	-0.40	21.90	24.50
99091F1 007	26.20	26.50	27.10	22.20	11.20	7.70
99091F1 008	22.80	25.50	18.20	11.20	15.30	9.30
99091F1 009	31.20	28.40	16.70	17.60	14.40	12.10
99091F1 010	19.90	13.70	23.50	17.00	13.40	13.40
99091F1 011	27.90	29.40	15.20	15.70	17.30	9.10
99091F1 012	19.70	28.50	15.70	20.10	15.00	11.60
99091F1 013	29.60	24.70	23.70	22.60	10.40	6.80
99091F1 014	28.50	25.80	20.70	18.80	12.40	10.30
99091F1 015	25.20	25.80	25.30	18.20	15.70	9.80
99091F1 016	15.40	25.70	11.60	12.70	8.40	12.20
99091F1 017	24.40	31.00	13.90	25.00	7.80	17.40
99091F1 018	19.60	21.70	13.50	15.30	13.30	9.20
99091F1 019	37.00	35.90	20.20	10.50	20.90	11.90
99091F1 020	29.50	29.10	14.80	15.60	7.00	9.20

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : NK 603-L
TARGET DOSE : 11.00 %

SEX: FEMALE

FROM DATE:	12-JUL-00	19-JUL-00	19-JUL-00	26-JUL-00	26-JUL-00	2-AUG-00
TO DATE:	19-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00	9-AUG-00
DAY OF STUDY:	36- 43	43- 50	43- 57	50- 57	50- 64	57- 64
ANIMAL						
99091F1 001	0.00		20.10			4.80
99091F1 002	0.30		17.80			-1.70
99091F1 003	-0.70	9.00		1.50		4.70
99091F1 004	8.50	7.20		6.40		9.60
99091F1 005	11.50		13.30			4.20
99091F1 006	-9.10		22.00			11.50
99091F1 007	14.80	-0.50		20.80		4.70
99091F1 008	-1.40	4.90		8.20		6.80
99091F1 009	4.80	9.60		13.30		3.00
99091F1 010	16.60	2.90		11.70		7.20
99091F1 011	6.00		22.90			-1.00
99091F1 012	21.50	2.00		8.80		5.80
99091F1 013	8.80	10.30		-1.50		5.60
99091F1 014	3.70		18.70			2.50
99091F1 015	7.50		14.80			9.60
99091F1 016	1.50		11.30			13.10
99091F1 019	9.10	-1.00		13.80	3.30	6.30
99091F1 020	11.20	3.00		10.50		-3.40

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : NK 603-L
TARGET DOSE : 11.00 %

SEX: FEMALE

FROM DATE:	9-AUG-00	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	64- 71	71- 78	78- 85	85- 92	92- 98
ANIMAL					
99091F1 001	3.10	12.30	6.70	-1.30	6.40
99091F1 002	-0.50	11.30	8.60	0.90	5.10
99091F1 003	0.40	-0.60	16.90	-0.50	-7.00
99091F1 004	3.00	8.20	-1.00	4.10	6.40
99091F1 005	3.80	5.90	6.60	8.40	0.90
99091F1 006	7.00	-3.50	22.10	3.20	-3.80
99091F1 007	-7.10	13.20	3.90	9.70	2.70
99091F1 008	-1.10	-0.40	11.70	6.40	-5.00
99091F1 009	2.30	10.60	5.40	-2.80	4.80
99091F1 010	-1.70	7.50	11.60	3.00	-4.30
99091F1 011	-1.40	12.40	13.10	-3.70	5.40
99091F1 012	7.20	12.70	7.00	0.70	-0.30
99091F1 013	3.10	12.80	1.40	3.30	9.60
99091F1 014	8.30	4.40	8.60	1.80	7.80
99091F1 015	9.00	6.50	7.30	5.90	1.80
99091F1 016	3.90	5.90	1.70	3.70	0.50
99091F1 017	-5.50	3.80	11.40	2.80	-2.10
99091F1 018	8.40	0.70	6.80	3.00	2.90
99091F1 019	3.20	2.70	8.50	8.50	-2.80
99091F1 020	10.60	-2.30	12.10	-7.50	9.60

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : NK 603-H
TARGET DOSE : 33.00 %

SEX: FEMALE

FROM DATE:	1-JUN-00	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	1- 8	8- 15	15- 22	22- 29	29- 36
ANIMAL						
99091F2 001	19.70	26.40	19.90	8.90	17.10	8.00
99091F2 002	20.20	29.80	20.20	22.00	8.90	10.40
99091F2 003	21.90	30.10	17.70	20.70	21.00	12.10
99091F2 004	24.90	22.90	12.60	5.90	15.60	5.80
99091F2 005	14.80	29.40	22.20	10.30	24.90	20.90
99091F2 006	23.20	28.80	23.10	29.90	7.30	10.90
99091F2 007	18.10	20.70	7.80	19.00	14.20	4.90
99091F2 008	32.90	26.80	13.60	24.70	12.90	12.10
99091F2 009	40.00	19.50	28.00	23.00	11.90	9.90
99091F2 010	30.30	31.10	23.90	18.70	15.00	21.80
99091F2 011	31.90	34.00	36.90	20.20	22.10	15.10
99091F2 012	36.70	23.40	25.80	17.90	17.40	9.10
99091F2 013	18.00	18.40	19.70	4.40	23.70	12.70
99091F2 014	35.60	31.20	26.00	16.10	18.40	6.30
99091F2 015	31.90	30.90	27.70	27.60	22.50	11.00
99091F2 016	31.00	36.00	25.50	20.40	6.10	17.20
99091F2 017	34.00	29.60	25.90	23.70	15.40	12.00
99091F2 018	25.30	33.50	15.90	23.70	16.80	17.50
99091F2 019	29.90	29.80	18.20	16.70	13.00	12.40
99091F2 020	38.90	21.10	30.40	19.10	15.50	14.40

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : NK 603-H
TARGET DOSE : 33.00 %

SEX: FEMALE

FROM DATE:	12-JUL-00	19-JUL-00	19-JUL-00	26-JUL-00	26-JUL-00	2-AUG-00
TO DATE:	19-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00	9-AUG-00
DAY OF STUDY:	36- 43	43- 50	43- 57	50- 57	50- 64	57- 64
ANIMAL						
99091F2 001	4.70		11.70			6.10
99091F2 002	6.10		17.90			1.20
99091F2 003	7.60	3.10		10.00		3.90
99091F2 004	5.60	11.00		16.40		15.50
99091F2 005	-4.20		29.20			8.80
99091F2 006	6.50		11.10			17.50
99091F2 007	0.30	11.60		11.50		-1.90
99091F2 008	12.50	6.00		8.40		4.40
99091F2 009	-0.40	13.90		4.50		14.60
99091F2 010	11.90	7.40		3.90		14.30
99091F2 011	6.90		27.80			23.70
99091F2 012	5.60	18.70		7.50		11.40
99091F2 013	4.50	4.70		24.20		9.70
99091F2 014	19.30		12.30			12.00
99091F2 015	10.70		28.60			13.90
99091F2 016	24.20		11.80			-3.40
99091F2 019	8.90	6.30		14.90	19.50	11.40
99091F2 020	7.10	14.20		7.30		1.30

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : NK 603-H
TARGET DOSE : 33.00 %

SEX: FEMALE

FROM DATE:	9-AUG-00	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	64- 71	71- 78	78- 85	85- 92	92- 98
ANIMAL					
99091F2 001	6.00	6.80	0.90	10.70	-8.00
99091F2 002	5.40	6.60	7.60	3.60	1.90
99091F2 003	1.40	13.10	9.10	-1.70	8.00
99091F2 004	-16.10	7.80	3.20	7.70	-6.80
99091F2 005	-1.70	19.60	10.80	2.70	4.80
99091F2 006	-12.10	13.10	-2.60	7.70	1.70
99091F2 007	-2.10	15.50	-2.30	10.20	2.20
99091F2 008	4.20	3.10	3.30	4.10	5.20
99091F2 009	-9.90	13.00	3.00	5.00	5.30
99091F2 010	-2.60	12.20	3.60	22.70	14.80
99091F2 011	-8.20	7.50	3.00	-2.60	0.30
99091F2 012	8.50	-3.50	-2.00	9.30	-4.10
99091F2 013	-5.10	-2.50	14.00	4.00	-2.80
99091F2 014	7.00	-3.60	11.10	7.20	-5.30
99091F2 015	7.30	1.70	12.50	-1.20	14.70
99091F2 016	19.60	9.50	-7.50	15.20	-1.40
99091F2 017	4.80	7.10	-4.10	6.80	9.10
99091F2 018	7.70	0.30	-2.80	5.60	7.70
99091F2 019	13.50	-6.30	-4.30	8.20	-1.70
99091F2 020	10.40	0.40	0.40	4.70	7.20

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : PARENT-L
TARGET DOSE : 11.00 %

FROM DATE:	1-JUN-00	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	1- 8	8- 15	15- 22	22- 29	29- 36
ANIMAL						
99091F3 001	19.30	23.40	18.10	14.60	10.00	11.90
99091F3 002	28.40	25.20	12.80	20.80	11.60	10.60
99091F3 003	17.50	22.70	16.20	13.00	13.70	9.40
99091F3 004	28.80	29.70	17.20	6.40	18.50	13.20
99091F3 005	25.40	28.10	9.70	22.00	10.10	24.90
99091F3 006	29.50	25.30	22.00	17.60	7.00	18.70
99091F3 007	24.40	26.40	20.40	14.60	15.10	15.80
99091F3 008	23.30	24.60	18.00	18.50	16.40	10.80
99091F3 009	28.70	31.70	19.40	8.80	16.30	18.50
99091F3 010	28.90	21.00	24.70	19.20	13.70	20.60
99091F3 011	34.10	30.70	26.90	24.50	11.90	6.60
99091F3 012	19.90	23.30	16.50	5.30	16.80	16.30
99091F3 013	32.10	28.10	21.30	15.80	22.90	5.10
99091F3 014	25.10	33.10	26.60	17.20	15.10	17.60
99091F3 015	30.90	32.40	32.70	21.40	10.50	19.80
99091F3 016	20.40	29.30	26.00	12.70	19.50	8.90
99091F3 017	28.50	27.30	23.40	16.10	10.50	17.30
99091F3 018	14.80	30.40	22.20	13.10	10.40	13.20
99091F3 019	18.60	25.20	22.60	8.80	19.20	14.80
99091F3 020	24.60	17.10	19.20	16.90	8.30	11.40

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : PARENT-L
TARGET DOSE : 11.00 %

FROM DATE:	12-JUL-00	19-JUL-00	19-JUL-00	26-JUL-00	26-JUL-00	2-AUG-00
TO DATE:	19-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00	9-AUG-00
DAY OF STUDY:	36- 43	43- 50	43- 57	50- 57	50- 64	57- 64
ANIMAL						
99091F3 001	6.20		11.80			13.90
99091F3 002	4.00		25.80			9.80
99091F3 003	2.50	7.10		12.00		0.00
99091F3 004	-0.20	0.90		18.40		-5.00
99091F3 005	1.40		12.00			20.00
99091F3 006	6.80		6.50			16.50
99091F3 007	3.50	8.10		11.50		9.10
99091F3 008	3.60	13.40		17.40		1.60
99091F3 009	0.90	2.90		16.90		10.10
99091F3 010	2.40	9.10		19.30		-7.40
99091F3 011	13.00		3.20			5.00
99091F3 012	-2.50	7.40		13.50		7.10
99091F3 013	14.70	7.30		17.40		3.50
99091F3 014	4.30		12.50			16.30
99091F3 015	-0.10		27.80			6.30
99091F3 016	-6.10		13.50			5.90
99091F3 019	-3.60	15.60		11.80	13.50	10.00
99091F3 020	6.30	11.20		1.40		7.30

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PARENT-L
TARGET DOSE : 11.00 %

SEX: FEMALE

FROM DATE:	9-AUG-00	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	64- 71	71- 78	78- 85	85- 92	92- 98
ANIMAL					
99091F3 001	5.70	7.80	-1.40	2.70	5.80
99091F3 002	-4.90	10.70	8.30	-8.60	11.60
99091F3 003	10.60	9.90	-7.10	-0.20	11.00
99091F3 004	14.30	5.10	-1.00	3.70	-1.90
99091F3 005	16.90	13.80	5.60	-14.70	6.80
99091F3 006	10.80	1.40	-5.10	5.60	14.50
99091F3 007	2.00	4.60	-3.10	6.80	4.30
99091F3 008	4.90	6.40	2.30	-3.00	2.40
99091F3 009	3.30	0.70	6.30	7.00	-3.80
99091F3 010	19.10	-4.70	4.30	6.50	-8.50
99091F3 011	4.40	6.20	15.70	4.20	3.30
99091F3 012	1.90	-2.10	4.00	8.70	-7.00
99091F3 013	12.90	4.60	-3.80	9.00	-0.70
99091F3 014	7.20	-1.30	3.00	11.30	-1.90
99091F3 015	11.10	10.20	3.10	-4.10	3.60
99091F3 016	-0.20	1.60	2.40	1.70	-6.90
99091F3 017	4.30	3.10	-1.60	8.30	-0.80
99091F3 018	6.30	-3.50	7.70	3.50	-8.20
99091F3 019	6.60	-4.40	10.70	-1.20	-4.60
99091F3 020	6.30	-0.60	-2.70	15.50	4.20

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PARENT-H
TARGET DOSE : 33.00 %

SEX: FEMALE

FROM DATE:	1-JUN-00	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	1- 8	8- 15	15- 22	22- 29	29- 36
ANIMAL						
99091F4 001	19.40	31.40	26.90	17.80	24.10	14.10
99091F4 002	22.20	21.60	13.10	22.10	0.80	17.20
99091F4 003	21.80	23.30	18.20	18.00	4.70	15.60
99091F4 004	31.70	30.30	23.60	20.70	8.90	10.20
99091F4 005	35.80	29.60	28.70	25.80	14.40	13.50
99091F4 006	39.30	16.00	28.20	25.50	14.40	7.30
99091F4 007	24.60	14.90	16.60	17.70	13.30	11.40
99091F4 008	23.20	24.90	23.80	18.40	8.90	9.20
99091F4 009	23.70	28.40	17.30	21.30	9.90	11.80
99091F4 010	33.10	19.10	24.00	23.80	11.30	6.10
99091F4 011	29.30	32.20	23.10	28.10	11.40	10.30
99091F4 012	30.80	30.50	31.40	22.70	9.20	15.40
99091F4 013	31.00	23.40	25.20	22.50	9.70	11.70
99091F4 014	26.10	26.30	14.20	16.40	15.10	10.00
99091F4 015	28.00	24.30	27.50	25.50	11.90	12.30
99091F4 016	17.70	23.10	24.30	12.80	8.70	9.50
99091F4 017	22.20	26.40	10.90	14.60	12.90	9.70
99091F4 018	19.50	30.70	13.10	18.90	8.50	15.80
99091F4 019	27.70	23.30	10.70	21.40	9.40	5.00
99091F4 020	33.40	31.20	24.00	20.70	21.70	15.60

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PARENT-H
TARGET DOSE : 33.00 %

SEX: FEMALE

FROM DATE:	12-JUL-00	19-JUL-00	19-JUL-00	26-JUL-00	26-JUL-00	2-AUG-00
TO DATE:	19-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00	9-AUG-00
DAY OF STUDY:	36- 43	43- 50	43- 57	50- 57	50- 64	57- 64
ANIMAL						
99091F4 001	24.40		23.00			2.70
99091F4 002	8.10		12.80			4.00
99091F4 003	12.80	4.10		7.60		12.00
99091F4 004	13.10	8.70		6.80		-0.70
99091F4 005	11.10		19.10			-3.70
99091F4 006	6.50		14.90			11.70
99091F4 007	7.80	8.20		5.20		10.80
99091F4 008	7.70	1.40		14.80		1.60
99091F4 009	16.00	9.10		15.70		0.70
99091F4 010	8.70	15.20		7.70		-4.50
99091F4 011	8.40		22.20			0.10
99091F4 012	8.00	14.30		4.80		12.40
99091F4 013	10.80	14.90		11.40		-4.20
99091F4 014	17.70		16.10			11.90
99091F4 015	18.70		5.90			3.40
99091F4 016	10.40		12.80			3.60
99091F4 019	2.70	10.00		4.80	16.10	3.00
99091F4 020	9.40	2.30		18.10		7.90

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : PARENT-H
TARGET DOSE : 33.00 %

FROM DATE:	9-AUG-00	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	64- 71	71- 78	78- 85	85- 92	92- 98
ANIMAL					
99091F4 001	-11.40	21.30	-2.00	13.30	-5.40
99091F4 002	-8.50	16.90	-1.10	7.80	-1.70
99091F4 003	8.80	-1.90	-3.00	13.40	-0.20
99091F4 004	10.20	5.70	-0.70	-0.70	9.10
99091F4 005	14.70	4.10	3.50	2.80	5.80
99091F4 006	10.50	11.00	-7.30	3.20	7.10
99091F4 007	2.60	2.10	7.10	7.80	-2.50
99091F4 008	3.90	1.10	9.50	1.00	-13.00
99091F4 009	15.40	1.30	-2.10	6.60	1.30
99091F4 010	17.00	2.10	4.20	2.60	9.50
99091F4 011	-2.50	12.90	3.30	2.50	2.40
99091F4 012	5.90	0.30	5.10	5.70	5.90
99091F4 013	11.10	9.50	-4.20	0.00	8.20
99091F4 014	3.40	7.90	2.60	-1.50	10.20
99091F4 015	4.10	8.40	1.30	19.10	-4.40
99091F4 016	10.20	-0.60	2.40	4.10	-1.40
99091F4 017	-7.10	10.90	3.10	2.60	-2.60
99091F4 018	-1.70	3.70	10.40	9.80	-5.50
99091F4 019	15.10	1.70	-5.90	2.60	5.50
99091F4 020	-5.80	12.20	-3.50	13.30	-5.50

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CROWS 363
TARGET DOSE : 33.00 %

SEX: FEMALE

FROM DATE:	1-JUN-00	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	1- 8	8- 15	15- 22	22- 29	29- 36
ANIMAL						
99091F5 001	15.80	18.70	13.40	19.30	6.50	14.60
99091F5 002	16.40	23.40	22.00	13.20	13.50	16.60
99091F5 003	14.00	28.20	16.80	14.80	13.70	7.60
99091F5 004	14.30	31.40	16.90	9.90	11.90	12.90
99091F5 005	18.40	18.20	7.70	20.20	7.70	9.40
99091F5 006	34.30	45.20	23.00	26.60	18.00	16.80
99091F5 007	26.50	27.20	16.90	32.30	19.70	17.30
99091F5 008	31.60	26.10	26.50	18.50	22.30	21.50
99091F5 009	46.20	11.70	18.60	25.40	23.30	9.60
99091F5 010	27.50	28.20	19.40	6.70	25.30	8.10
99091F5 011	23.20	17.30	18.90	28.60	16.50	4.20
99091F5 012	28.40	16.30	26.40	15.60	20.30	0.30
99091F5 013	23.70	25.80	17.50	9.20	12.30	20.40
99091F5 014	28.00	29.70	28.50	26.90	18.20	7.60
99091F5 015	26.90	25.50	16.10	24.50	23.80	4.60
99091F5 016	12.20	23.90	15.80	22.30	16.20	20.00
99091F5 017	24.00	21.50	24.70	11.40	15.70	9.70
99091F5 018	22.70	26.90	14.40	20.30	26.60	9.80
99091F5 019	31.10	28.30	23.70	28.20	25.60	4.20
99091F5 020	21.20	35.00	30.40	16.90	16.20	20.50

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CROWS 363
TARGET DOSE : 33.00 %

SEX: FEMALE

FROM DATE:	12-JUL-00	19-JUL-00	19-JUL-00	26-JUL-00	26-JUL-00	2-AUG-00
TO DATE:	19-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00	9-AUG-00
DAY OF STUDY:	36- 43	43- 50	43- 57	50- 57	50- 64	57- 64
ANIMAL						
99091F5 001	7.30		7.40			8.90
99091F5 002	5.00		13.60			9.20
99091F5 003	4.70	12.20		11.40		5.80
99091F5 004	9.00	15.20		0.40		12.60
99091F5 005	8.00		17.30			-2.80
99091F5 006	10.90		20.30			7.20
99091F5 007	7.70	14.70		5.60		12.50
99091F5 008	1.70	22.80		11.00		18.10
99091F5 009	-5.80	17.80		12.30		7.20
99091F5 010	5.90	8.40		9.00		1.70
99091F5 011	-0.40		18.70			1.70
99091F5 012	15.20	10.10		3.60		2.70
99091F5 013	10.30	2.00		-2.00		11.80
99091F5 014	11.80		18.00			6.00
99091F5 015	-6.50		23.50			3.60
99091F5 016	0.40		14.00			1.50
99091F5 019	5.10	14.90		9.30	12.70	7.20
99091F5 020	9.10	8.20		2.40		9.30

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : CROWS 363
TARGET DOSE : 33.00 %

FROM DATE:	9-AUG-00	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	64- 71	71- 78	78- 85	85- 92	92- 98
ANIMAL					
99091F5 001	-1.80	-1.20	0.90	11.10	-2.20
99091F5 002	11.60	-0.90	4.60	14.10	3.60
99091F5 003	-3.70	6.40	2.90	3.70	6.60
99091F5 004	5.80	8.20	2.80	13.60	-3.20
99091F5 005	10.30	-0.10	0.90	10.90	-6.40
99091F5 006	10.00	11.00	3.70	2.80	5.20
99091F5 007	-0.30	5.20	11.70	5.90	0.40
99091F5 008	-6.10	14.60	3.10	5.70	7.80
99091F5 009	-12.20	18.90	3.60	4.20	1.70
99091F5 010	8.20	0.90	-2.30	13.90	0.30
99091F5 011	15.70	-10.90	10.90	4.90	5.60
99091F5 012	12.60	7.10	-7.90	5.70	8.40
99091F5 013	9.30	-0.80	-5.50	6.80	2.60
99091F5 014	12.50	8.90	-7.40	3.70	12.60
99091F5 015	-1.50	14.50	-3.30	3.70	3.80
99091F5 016	14.00	2.10	1.60	12.30	8.70
99091F5 017	-4.30	5.10	-5.30	16.30	-0.40
99091F5 018	0.60	10.10	5.10	0.80	5.10
99091F5 019	1.30	9.30	-1.90	3.90	5.50
99091F5 020	8.40	7.50	-4.90	14.40	-0.30

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PIONEER 3394
TARGET DOSE : 33.00 %

SEX: FEMALE

FROM DATE:	1-JUN-00	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	1- 8	8- 15	15- 22	22- 29	29- 36
ANIMAL						
99091F6 001	26.60	23.40	23.30	22.40	25.20	13.50
99091F6 002	16.80	21.30	25.50	18.40	24.80	8.10
99091F6 003	22.10	26.90	26.60	16.30	18.70	8.90
99091F6 004	22.60	23.10	32.70	14.80	19.40	9.40
99091F6 005	40.40	22.20	30.40	17.00	26.50	28.80
99091F6 006	34.00	34.30	11.70	13.70	24.20	6.10
99091F6 007	40.10	22.40	24.00	23.70	11.20	20.40
99091F6 008	22.60	21.20	17.10	25.40	9.30	7.10
99091F6 009	28.30	27.20	20.80	19.90	17.10	8.70
99091F6 010	20.50	23.70	23.80	16.70	25.90	6.20
99091F6 011	20.50	24.50	18.30	19.30	16.90	7.80
99091F6 012	20.50	18.20	14.50	8.10	21.20	8.50
99091F6 013	29.60	27.90	26.50	19.60	18.40	1.00
99091F6 014	38.70	36.70	20.20	21.40	22.00	9.70
99091F6 015	33.90	33.10	24.40	25.30	13.20	14.70
99091F6 016	32.30	26.60	24.90	19.70	18.00	17.10
99091F6 017	36.60	31.30	27.20	23.30	26.20	21.70
99091F6 018	13.50	24.70	18.50	5.60	16.20	18.90
99091F6 019	19.70	19.00	18.20	12.10	29.20	9.40
99091F6 020	31.00	23.20	20.10	11.50	17.90	11.40

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : PIONEER 3394
TARGET DOSE : 33.00 %

FROM DATE:	12-JUL-00	19-JUL-00	19-JUL-00	26-JUL-00	26-JUL-00	2-AUG-00
TO DATE:	19-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00	9-AUG-00
DAY OF STUDY:	36- 43	43- 50	43- 57	50- 57	50- 64	57- 64
ANIMAL						
99091F6 001	4.40		19.20			7.30
99091F6 002	5.40		21.00			7.20
99091F6 003	9.30	4.70		2.60		7.90
99091F6 004	2.50	8.00		11.20		-0.10
99091F6 005	-5.10		27.90			1.90
99091F6 006	0.00		17.40			6.90
99091F6 007	6.50	19.00		-1.00		9.20
99091F6 008	14.90	3.70		14.20		-1.20
99091F6 009	11.50	-1.60		14.40		3.80
99091F6 010	4.30	2.00		10.90		0.10
99091F6 011	1.60		22.90			3.90
99091F6 012	7.20	1.10		10.40		8.90
99091F6 013	19.70	12.50		6.20		-0.60
99091F6 014	-0.80		23.40			-5.40
99091F6 015	9.40		15.10			13.90
99091F6 016	6.10		19.60			13.80
99091F6 019	4.00	6.80		13.90	-0.30	6.30
99091F6 020	9.10	5.00		10.10		8.80

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : PIONEER 3394
TARGET DOSE : 33.00 %

FROM DATE:	9-AUG-00	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	64- 71	71- 78	78- 85	85- 92	92- 98
ANIMAL					
99091F6 001	5.10	9.60	-5.50	-0.30	11.20
99091F6 002	2.70	7.80	8.10	7.80	0.10
99091F6 003	9.50	6.80	-5.20	-1.70	12.10
99091F6 004	7.50	5.50	0.30	-1.10	3.00
99091F6 005	5.60	-2.30	7.40	0.40	12.40
99091F6 006	15.40	8.10	-4.10	3.30	11.80
99091F6 007	-3.40	18.20	-2.60	11.20	4.20
99091F6 008	11.40	-5.60	0.70	0.10	8.60
99091F6 009	12.70	-0.30	8.60	-8.60	6.60
99091F6 010	5.20	2.30	1.70	5.00	-4.50
99091F6 011	10.20	6.70	-4.50	2.50	6.50
99091F6 012	3.20	-6.60	9.20	0.10	-0.30
99091F6 013	12.50	1.90	-3.00	1.10	9.40
99091F6 014	3.20	19.40	0.90	7.20	6.90
99091F6 015	5.50	6.50	-2.60	16.10	-2.00
99091F6 016	8.20	0.70	-0.50	9.40	3.90
99091F6 017	13.80	-2.10	19.40	1.30	5.90
99091F6 018	17.90	-2.90	6.50	4.20	-0.10
99091F6 019	4.50	2.40	6.00	7.60	-2.20
99091F6 020	-1.10	4.00	5.30	7.70	-6.30

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : CROPLAN GENETICS 461
TARGET DOSE : 33.00 %

FROM DATE:	1-JUN-00	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	1- 8	8- 15	15- 22	22- 29	29- 36
ANIMAL						
99091F7 001	17.40	17.00	23.70	14.30	9.50	11.90
99091F7 002	28.40	26.70	27.00	17.10	15.40	14.00
99091F7 003	22.70	27.40	25.50	20.50	13.20	13.00
99091F7 004	34.60	15.70	26.90	9.30	27.30	11.40
99091F7 005	17.80	24.70	25.20	25.20	21.70	7.90
99091F7 006	35.30	25.60	24.00	16.50	10.20	10.50
99091F7 007	31.00	28.80	22.60	20.00	25.90	8.90
99091F7 008	26.60	19.70	17.50	15.20	21.20	7.80
99091F7 009	28.40	27.00	22.90	14.80	20.80	18.70
99091F7 010	20.60	18.60	19.80	11.50	25.70	8.00
99091F7 011	24.50	17.60	33.40	16.10	10.20	6.40
99091F7 012	32.70	18.60	21.10	24.40	16.90	8.80
99091F7 013	25.00	28.90	23.10	24.70	14.20	12.20
99091F7 014	36.90	22.50	30.90	19.00	0.00	18.30
99091F7 015	27.10	26.20	27.60	14.20	9.30	3.10
99091F7 016	32.10	26.90	25.30	20.30	16.10	20.80
99091F7 017	20.40	31.30	24.40	21.60	21.10	14.80
99091F7 018	25.30	24.60	21.50	11.80	17.20	-1.10
99091F7 019	14.90	29.10	15.00	18.10	14.30	7.80
99091F7 020	20.00	28.70	8.80	22.30	3.60	19.20

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : CROPLAN GENETICS 461
TARGET DOSE : 33.00 %

FROM DATE:	12-JUL-00	19-JUL-00	19-JUL-00	26-JUL-00	26-JUL-00	2-AUG-00
TO DATE:	19-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00	9-AUG-00
DAY OF STUDY:	36- 43	43- 50	43- 57	50- 57	50- 64	57- 64
ANIMAL						
99091F7 001	3.80		6.30			20.40
99091F7 002	3.90		9.10			17.20
99091F7 003	6.00	6.70		6.80		6.40
99091F7 004	10.50	10.00		14.90		0.30
99091F7 005	11.90		22.40			12.80
99091F7 006	0.80		18.60			18.40
99091F7 007	14.90	1.30		14.30		8.20
99091F7 008	15.70	15.40		8.80		11.10
99091F7 009	10.10	13.80		4.40		15.30
99091F7 010	3.10	6.70		6.90		9.00
99091F7 011	2.60		18.50			14.00
99091F7 012	4.40	15.30		14.50		12.00
99091F7 013	9.00	22.60		7.00		6.20
99091F7 014	11.70		17.00			6.40
99091F7 015	16.60		16.60			12.80
99091F7 016	0.80		-0.40			19.40
99091F7 019	8.80	6.40		-1.20	9.90	9.10
99091F7 020	1.10	3.30		9.10		-4.70

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CROPLAN GENETICS 461
TARGET DOSE : 33.00 %

SEX: FEMALE

FROM DATE:	9-AUG-00	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	64- 71	71- 78	78- 85	85- 92	92- 98
ANIMAL					
99091F7 001	-2.30	6.10	-4.70	4.20	-0.50
99091F7 002	5.00	3.50	0.90	7.80	-0.80
99091F7 003	6.90	-0.40	-1.30	5.60	3.20
99091F7 004	-5.80	9.40	3.90	0.10	12.10
99091F7 005	9.20	4.70	10.00	1.30	2.60
99091F7 006	7.00	-0.70	-5.80	10.90	5.20
99091F7 007	0.40	9.70	-3.40	1.60	6.30
99091F7 008	11.90	6.60	0.40	6.70	0.90
99091F7 009	3.80	9.50	-1.60	8.60	-0.70
99091F7 010	-1.70	3.50	4.20	1.30	6.50
99091F7 011	6.40	10.20	-1.90	0.10	12.00
99091F7 012	-9.10	13.40	4.10	10.40	-2.60
99091F7 013	-5.80	11.10	-4.50	2.00	4.80
99091F7 014	1.30	9.10	-5.50	5.30	3.10
99091F7 015	8.60	12.30	0.30	2.30	10.80
99091F7 016	8.70	3.50	-6.00	6.50	5.40
99091F7 017	2.30	8.90	4.40	6.20	8.30
99091F7 018	5.50	2.00	2.60	4.40	-1.40
99091F7 019	6.30	0.50	-3.60	3.80	6.20
99091F7 020	6.90	12.90	1.00	4.70	6.90

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CAMPBELLS 6995
TARGET DOSE : 33.00 %

SEX: FEMALE

FROM DATE:	1-JUN-00	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	1- 8	8- 15	15- 22	22- 29	29- 36
ANIMAL						
99091F8 001	16.90	18.00	19.80	10.50	17.60	9.20
99091F8 002	24.70	26.80	22.70	14.00	15.60	14.10
99091F8 003	24.80	21.20	31.10	16.80	16.60	8.80
99091F8 004	13.10	26.10	23.00	8.80	20.50	9.00
99091F8 005	15.60	22.20	8.40	6.70	12.20	12.60
99091F8 006	21.20	27.70	16.80	21.40	8.70	17.40
99091F8 007	43.80	23.70	23.20	22.20	21.40	14.30
99091F8 008	27.90	29.40	16.50	14.20	4.30	1.20
99091F8 009	17.70	23.80	23.60	13.20	16.20	9.30
99091F8 010	32.90	20.50	25.30	19.80	20.60	8.80
99091F8 011	18.40	22.90	29.50	8.10	15.70	4.90
99091F8 012	24.10	22.10	33.80	4.00	23.70	-1.00
99091F8 013	29.20	29.70	32.40	13.70	15.00	13.20
99091F8 014	30.40	35.60	28.70	13.20	33.80	28.80
99091F8 015	25.20	23.40	24.60	15.90	15.50	11.20
99091F8 016	31.20	27.90	35.80	18.60	9.80	17.00
99091F8 017	10.80	26.60	26.20	1.60	12.90	13.90
99091F8 018	19.60	29.70	21.20	15.20	13.20	4.60
99091F8 019	37.90	22.70	28.50	11.20	12.00	9.00
99091F8 020	23.30	22.70	14.60	19.50	13.20	7.10

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CAMPBELLS 6995
TARGET DOSE : 33.00 %

SEX: FEMALE

FROM DATE:	12-JUL-00	19-JUL-00	19-JUL-00	26-JUL-00	26-JUL-00	2-AUG-00
TO DATE:	19-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00	9-AUG-00
DAY OF STUDY:	36- 43	43- 50	43- 57	50- 57	50- 64	57- 64
ANIMAL						
99091F8 001	1.90		13.40			10.00
99091F8 002	8.90		13.10			9.40
99091F8 003	13.10	13.40		5.30		10.40
99091F8 004	6.70	7.90		13.10		9.30
99091F8 005	0.00		12.80			11.50
99091F8 006	-2.80		13.10			4.20
99091F8 007	-0.10	11.40		-2.30		16.40
99091F8 008	1.60	11.00		6.10		-0.70
99091F8 009	1.50	13.90		-0.50		9.80
99091F8 010	3.90	18.80		5.40		7.70
99091F8 011	10.20		18.80			0.10
99091F8 012	18.80	11.10		1.90		12.20
99091F8 013	9.40	7.50		1.30		12.00
99091F8 014	20.30		5.80			-14.50
99091F8 015	-3.30		7.20			15.40
99091F8 016	8.10		14.80			11.80
99091F8 019	11.10	5.70		4.70	-0.10	5.80
99091F8 020	8.00	12.70		5.50		4.60

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : CAMPBELLS 6995
TARGET DOSE : 33.00 %

FROM DATE:	9-AUG-00	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	64- 71	71- 78	78- 85	85- 92	92- 98
ANIMAL					
99091F8 001	2.30	0.10	5.50	5.60	-3.20
99091F8 002	12.40	9.50	-0.70	0.90	10.70
99091F8 003	7.20	6.50	1.40	-1.90	8.60
99091F8 004	6.00	9.50	1.80	2.30	7.40
99091F8 005	2.50	1.70	-0.60	1.70	7.30
99091F8 006	5.60	7.10	3.40	0.90	3.90
99091F8 007	-4.40	1.20	5.50	5.30	3.80
99091F8 008	9.70	0.40	9.30	4.90	0.10
99091F8 009	2.80	3.80	-3.40	5.70	1.60
99091F8 010	-1.70	9.20	2.30	0.10	2.90
99091F8 011	10.70	3.00	-2.20	4.10	6.10
99091F8 012	5.20	5.50	-4.10	13.20	6.90
99091F8 013	6.10	2.90	-3.30	5.90	6.00
99091F8 014	-4.80	-3.00	-10.80	0.60	7.30
99091F8 015	-0.70	7.30	1.50	-1.00	3.80
99091F8 016	6.90	5.40	15.10	3.80	10.90
99091F8 017	2.30	1.10	-1.90	10.20	2.30
99091F8 018	11.70	9.50	-2.10	2.70	9.30
99091F8 019	4.60	-1.10	-1.80	8.70	-2.10
99091F8 020	-6.80	10.10	1.90	3.00	2.10

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : DK 539
TARGET DOSE : 33.00 %

FROM DATE:	1-JUN-00	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	1- 8	8- 15	15- 22	22- 29	29- 36
ANIMAL						
99091F9 001	16.90	24.80	17.50	21.40	21.10	2.10
99091F9 002	26.80	21.90	23.60	14.20	9.80	15.70
99091F9 003	31.80	22.90	29.80	14.60	17.70	15.50
99091F9 004	26.10	26.30	26.90	14.50	7.50	12.70
99091F9 005	27.40	27.30	22.40	19.00	5.00	16.10
99091F9 006	23.60	20.50	22.90	19.20	8.60	3.20
99091F9 007	27.70	26.30	22.00	21.00	16.70	6.80
99091F9 008	34.80	23.00	25.60	13.40	14.70	9.70
99091F9 009	24.30	27.80	27.40	8.70	11.60	18.80
99091F9 010	33.60	21.80	15.40	28.30	16.50	10.00
99091F9 011	16.00	32.90	33.70	22.10	13.20	14.70
99091F9 012	22.70	31.50	39.10	19.50	15.40	11.50
99091F9 013	25.10	30.70	18.90	15.60	19.40	7.10
99091F9 014	35.60	29.40	34.70	23.10	12.80	5.90
99091F9 015	34.30	26.40	27.80	10.00	27.50	4.60
99091F9 016	34.20	36.10	22.00	30.20	4.40	16.40
99091F9 017	28.40	28.30	8.00	21.90	15.00	15.00
99091F9 018	21.70	24.40	24.50	16.60	18.10	7.10
99091F9 019	24.80	18.20	25.70	12.20	14.80	2.90
99091F9 020	31.00	33.30	37.70	18.80	8.30	18.00

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : DK 539
TARGET DOSE : 33.00 %

FROM DATE:	12-JUL-00	19-JUL-00	19-JUL-00	26-JUL-00	26-JUL-00	2-AUG-00
TO DATE:	19-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00	9-AUG-00
DAY OF STUDY:	36- 43	43- 50	43- 57	50- 57	50- 64	57- 64
ANIMAL						
99091F9 001	9.40		0.90			13.10
99091F9 002	4.90		5.70			17.80
99091F9 003	9.60	4.20		14.00		7.20
99091F9 004	9.90	6.30		2.50		10.60
99091F9 005	17.00		1.40			20.00
99091F9 006	11.40		17.90			4.40
99091F9 007	2.70	7.50		10.30		7.30
99091F9 008	15.30	1.30		0.50		10.80
99091F9 009	7.30	7.90		12.60		12.30
99091F9 010	7.70	10.90		13.10		5.90
99091F9 011	9.00		5.80			14.40
99091F9 012	11.50	9.70		10.00		12.10
99091F9 013	5.60	6.00		-3.30		12.20
99091F9 014	8.80		17.40			5.30
99091F9 015	2.10		26.50			7.20
99091F9 016	3.30		13.10			10.30
99091F9 019	11.70	13.30		-1.50	14.80	2.40
99091F9 020	9.90	5.10		3.20		13.00

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : DK 539
TARGET DOSE : 33.00 %

FROM DATE:	9-AUG-00	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	64- 71	71- 78	78- 85	85- 92	92- 98
ANIMAL					
99091F9 001	-9.80	9.90	1.90	7.10	6.20
99091F9 002	7.40	3.00	-1.60	2.50	-0.20
99091F9 003	2.70	8.30	-4.00	2.00	9.20
99091F9 004	6.60	1.90	2.10	6.40	3.70
99091F9 005	8.40	0.60	-5.60	10.10	3.20
99091F9 006	1.30	5.90	6.20	10.20	1.70
99091F9 007	2.30	4.20	-0.50	0.60	3.30
99091F9 008	1.50	1.60	-8.50	8.50	4.00
99091F9 009	-1.60	10.20	1.40	4.60	6.40
99091F9 010	4.40	11.50	5.60	2.90	4.10
99091F9 011	5.20	5.00	0.10	7.40	-0.70
99091F9 012	9.50	6.30	9.50	6.40	5.90
99091F9 013	2.50	4.60	-10.80	8.20	1.20
99091F9 014	11.10	11.30	0.90	-4.90	10.60
99091F9 015	9.80	6.30	-1.90	0.80	9.70
99091F9 016	8.60	-1.60	10.40	-1.30	9.10
99091F9 017	-5.20	-3.00	10.40	4.20	-4.20
99091F9 018	0.50	8.70	-5.30	5.30	0.30
99091F9 019	6.50	9.30	2.20	-1.10	11.20
99091F9 020	2.70	4.50	1.80	2.80	6.00

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : DK 537
TARGET DOSE : 33.00 %

FROM DATE:	1-JUN-00	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	1- 8	8- 15	15- 22	22- 29	29- 36
ANIMAL						
99091F10 001	19.30	32.10	23.70	17.50	29.70	18.30
99091F10 002	19.40	18.10	32.70	9.00	17.40	19.60
99091F10 003	25.00	37.80	19.60	28.00	26.30	-5.90
99091F10 004	26.80	28.80	21.00	19.30	19.50	6.40
99091F10 005	27.20	32.20	19.10	15.60	19.00	11.00
99091F10 006	30.80	29.70	24.70	24.20	21.00	9.90
99091F10 007	33.40	30.60	26.30	29.30	21.00	12.60
99091F10 008	28.00	33.80	27.40	29.70	20.00	21.90
99091F10 009	27.90	35.40	27.90	19.90	15.30	21.00
99091F10 010	25.40	21.70	23.30	20.40	16.00	6.50
99091F10 011	20.40	23.50	20.40	21.80	10.90	7.40
99091F10 012	28.10	35.60	36.70	22.10	20.30	19.00
99091F10 013	29.90	31.80	26.60	21.80	10.80	18.90
99091F10 014	33.60	25.90	29.40	14.40	8.90	19.90
99091F10 015	31.80	32.50	37.00	17.40	14.90	5.20
99091F10 016	32.70	37.40	22.80	28.60	17.50	13.20
99091F10 017	32.60	34.50	10.80	29.90	19.60	8.70
99091F10 018	22.30	23.40	26.60	-1.20	20.90	10.60
99091F10 019	16.20	21.10	26.30	10.60	13.10	15.20
99091F10 020	30.40	38.30	17.00	26.50	19.80	6.10

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : DK 537
TARGET DOSE : 33.00 %

SEX: FEMALE

FROM DATE:	12-JUL-00	19-JUL-00	19-JUL-00	26-JUL-00	26-JUL-00	2-AUG-00
TO DATE:	19-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00	9-AUG-00
DAY OF STUDY:	36- 43	43- 50	43- 57	50- 57	50- 64	57- 64
ANIMAL						
99091F10 001	-14.10		7.90			4.00
99091F10 002	-5.70		19.90			9.10
99091F10 003	19.80	6.70		-6.80		5.00
99091F10 004	11.10	10.80		2.90		9.30
99091F10 005	3.50		11.80			11.80
99091F10 006	14.30		21.30			-3.20
99091F10 007	11.00	14.00		11.50		4.50
99091F10 008	7.70	6.10		7.50		11.90
99091F10 009	13.80	7.00		9.60		8.70
99091F10 010	10.30	13.20		7.90		6.80
99091F10 011	-2.50		16.50			8.20
99091F10 012	-0.80	-1.70		4.00		14.70
99091F10 013	9.40	16.20		5.50		-0.50
99091F10 014	10.30		5.50			12.90
99091F10 015	10.00		13.40			6.30
99091F10 016	-4.40		25.60			11.50
99091F10 019	9.50	7.50		0.00	9.90	7.50
99091F10 020	10.90	-3.80		12.10		4.70

STUDY NUMBER: 99091 INDIVIDUAL BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : DK 537
TARGET DOSE : 33.00 %

FROM DATE:	9-AUG-00	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	64- 71	71- 78	78- 85	85- 92	92- 98
ANIMAL					
99091F10 001	0.10	11.10	-6.10	-0.30	8.30
99091F10 002	4.70	8.50	12.80	-1.40	-0.50
99091F10 003	5.20	16.80	9.60	-15.20	-3.70
99091F10 004	-2.60	7.70	1.40	7.60	-2.40
99091F10 005	1.20	2.50	4.80	0.90	1.20
99091F10 006	15.20	8.70	8.10	9.50	1.20
99091F10 007	9.90	14.50	-0.10	0.40	10.70
99091F10 008	2.00	2.90	2.50	6.00	-0.90
99091F10 009	8.10	4.40	2.30	5.30	1.70
99091F10 010	-2.50	12.00	8.50	-0.80	8.30
99091F10 011	-5.00	9.90	2.70	-0.80	4.30
99091F10 012	-8.90	17.00	19.50	-0.50	-3.60
99091F10 013	14.60	1.50	0.00	8.90	9.40
99091F10 014	3.70	2.50	1.90	9.50	0.10
99091F10 015	8.50	10.20	0.90	-0.40	8.00
99091F10 016	-1.50	13.60	3.00	1.60	2.10
99091F10 017	10.00	2.90	7.90	2.60	-0.30
99091F10 018	0.20	3.40	12.50	-1.30	-0.40
99091F10 019	6.70	-0.60	-2.90	8.10	4.70
99091F10 020	-2.20	16.00	0.70	4.70	0.30

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : NK 603-L
TARGET DOSE : 11.00 %

SEX: MALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	-5- 8	-5- 15	-5- 22	-5- 29	-5- 36
ANIMAL						
99091M1 001	57.80	119.10	168.50	214.40	254.40	285.90
99091M1 002	53.10	105.30	143.00	179.80	205.90	232.40
99091M1 003	44.80	99.90	141.10	179.10	208.30	233.30
99091M1 004	43.30	93.60	135.30	170.90	195.90	227.80
99091M1 005	54.80	110.80	155.00	193.50	231.40	255.40
99091M1 006	52.00	113.80	167.30	203.30	246.60	278.20
99091M1 007	56.30	120.30	177.00	218.40	265.60	273.50
99091M1 008	43.60	93.50	141.00	178.20	216.40	245.50
99091M1 009	55.70	101.30	144.20	178.90	213.00	235.40
99091M1 010	48.10	104.00	153.60	183.80	220.50	243.50
99091M1 011	46.10	94.40	143.60	183.10	216.70	246.90
99091M1 012	53.10	107.70	152.00	183.00	216.30	236.20
99091M1 013	61.20	129.90	196.40	256.20	314.10	353.00
99091M1 014	43.80	95.00	135.10	166.00	191.90	216.20
99091M1 015	50.50	102.00	145.50	181.00	212.60	234.60
99091M1 016	55.10	112.60	163.10	205.20	241.40	249.00
99091M1 017	56.10	106.50	151.40	190.90	223.00	249.30
99091M1 018	50.80	108.20	155.80	195.60	225.50	261.00
99091M1 019	57.60	116.20	170.00	214.10	251.50	268.00
99091M1 020	53.00	110.60	159.90	200.10	230.30	260.20

STUDY NUMBER: 99091 CUMULATIVE BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : NK 603-L
TARGET DOSE : 11.00 %

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	19-JUL-00	26-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00
DAY OF STUDY:	-5- 43	-5- 50	-5- 50	-5- 57	-5- 57	-5- 64
ANIMAL						
99091M1 001		337.50			372.70	383.90
99091M1 002		257.00			273.20	289.00
99091M1 003	254.60		281.00		303.10	321.00
99091M1 004	247.70		266.50		286.20	298.60
99091M1 005		298.30			321.50	332.50
99091M1 006		325.90			350.70	369.50
99091M1 007	320.60		351.10		378.10	399.00
99091M1 008	270.00		296.10		312.70	335.90
99091M1 009	261.70		283.20		305.30	323.20
99091M1 010	258.00		287.20		310.90	329.70
99091M1 011		276.10			303.00	328.70
99091M1 012	256.60		278.80		296.10	314.30
99091M1 013	386.70		429.80		455.20	487.20
99091M1 014		249.40			262.30	286.60
99091M1 015		264.40			282.80	304.00
99091M1 016		310.70			331.80	349.40
99091M1 017	254.70			294.20		315.30
99091M1 018	279.20			318.60		342.00
99091M1 019	305.40		328.80		345.10	363.00
99091M1 020	281.10		299.00		314.70	330.20

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : NK 603-L
TARGET DOSE : 11.00 %

SEX: MALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	-5- 71	-5- 78	-5- 85	-5- 92	-5- 98
ANIMAL					
99091M1 001	406.60	423.50	437.50	442.00	463.70
99091M1 002	292.70	301.50	313.10	312.70	324.40
99091M1 003	328.70	334.10	347.60	360.20	370.30
99091M1 004	318.40	324.00	340.30	338.00	349.10
99091M1 005	344.50	346.90	360.50	366.30	383.10
99091M1 006	381.70	388.70	395.90	406.30	419.00
99091M1 007	418.40	434.30	437.60	448.40	463.00
99091M1 008	347.80	366.50	382.20	395.70	406.60
99091M1 009	340.40	353.10	366.60	374.90	390.50
99091M1 010	339.20	357.50	369.60	380.40	399.40
99091M1 011	341.00	348.40	359.90	370.50	377.60
99091M1 012	324.40	336.50	348.50	349.50	364.40
99091M1 013	516.60	532.50	528.50	525.80	546.30
99091M1 014	298.90	307.60	316.40	325.30	338.90
99091M1 015	313.70	323.20	328.10	341.60	356.10
99091M1 016	364.50	372.40	375.00	387.50	402.40
99091M1 017	320.00	335.40	341.20	349.20	365.10
99091M1 018	355.90	369.50	378.70	390.00	402.70
99091M1 019	383.30	386.90	376.20	392.20	408.70
99091M1 020	349.50	364.90	372.20	386.30	397.60

STUDY NUMBER: 99091 CUMULATIVE BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : NK 603-H
TARGET DOSE : 33.00 %

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	-5- 8	-5- 15	-5- 22	-5- 29	-5- 36
ANIMAL						
99091M2 001	40.80	90.10	129.10	164.70	182.20	214.80
99091M2 002	44.30	88.80	137.20	169.70	190.90	217.20
99091M2 003	49.60	108.80	166.60	203.90	243.70	267.60
99091M2 004	47.30	99.90	147.40	189.30	222.90	244.30
99091M2 005	53.70	104.80	150.30	191.40	234.10	241.30
99091M2 006	46.40	103.60	156.00	196.80	237.60	276.60
99091M2 007	56.40	114.40	162.60	202.70	242.80	278.20
99091M2 008	47.20	111.20	158.40	190.10	227.60	259.80
99091M2 009	51.80	107.80	144.30	180.00	218.10	244.50
99091M2 010	56.90	120.70	178.40	227.90	278.80	287.20
99091M2 011	47.60	100.40	144.50	180.50	206.60	228.90
99091M2 012	58.70	116.90	177.70	225.70	256.30	277.00
99091M2 013	52.00	106.40	152.30	193.70	224.30	255.10
99091M2 014	49.40	103.50	150.20	200.00	241.00	271.30
99091M2 015	63.00	138.80	203.40	272.40	331.50	383.80
99091M2 016	49.60	102.60	138.90	175.90	202.60	229.50
99091M2 017	45.00	98.00	145.50	186.20	217.60	255.50
99091M2 018	48.70	100.10	138.40	177.70	206.90	232.30
99091M2 019	55.30	111.30	153.40	192.20	231.50	261.50
99091M2 020	51.30	114.00	156.60	198.00	241.30	245.70

STUDY NUMBER: 99091 CUMULATIVE BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : NK 603-H
TARGET DOSE : 33.00 %

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	19-JUL-00	26-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00
DAY OF STUDY:	-5- 43	-5- 50	-5- 50	-5- 57	-5- 57	-5- 64
ANIMAL						
99091M2 001		247.90			265.00	283.20
99091M2 002		249.10			266.10	278.60
99091M2 003	298.40		318.80		338.50	358.90
99091M2 004	265.60		260.00		282.50	304.90
99091M2 005		316.40			337.20	348.10
99091M2 006		322.70			338.70	362.80
99091M2 007	295.40		314.80		334.80	348.10
99091M2 008	278.80		304.60		321.60	335.40
99091M2 009	264.70		291.80		310.50	315.10
99091M2 010	330.20		364.60		385.70	402.30
99091M2 011		229.70			263.20	281.10
99091M2 012	303.00		326.20		341.00	351.20
99091M2 013	278.70		296.60		318.10	332.50
99091M2 014		303.50			331.10	365.30
99091M2 015		421.30			486.60	475.50
99091M2 016		261.70			277.40	292.00
99091M2 017	274.10			310.20		331.30
99091M2 018	251.30			292.30		312.20
99091M2 019	296.60		300.60		327.20	351.90
99091M2 020	292.40		317.80		334.40	356.90

STUDY NUMBER: 99091 CUMULATIVE BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : NK 603-H
TARGET DOSE : 33.00 %

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	-5- 71	-5- 78	-5- 85	-5- 92	-5- 98
ANIMAL					
99091M2 001	290.80	297.60	314.20	325.20	336.60
99091M2 002	282.60	296.70	297.70	304.60	316.20
99091M2 003	375.80	386.10	392.00	410.80	417.10
99091M2 004	312.00	315.80	317.90	328.20	348.10
99091M2 005	355.10	369.80	369.50	381.10	398.80
99091M2 006	371.10	400.80	394.40	412.10	428.30
99091M2 007	364.30	375.00	382.00	389.50	407.50
99091M2 008	347.30	357.80	371.50	380.10	395.70
99091M2 009	334.90	346.70	358.50	368.40	384.10
99091M2 010	413.80	427.70	437.30	453.50	471.50
99091M2 011	290.40	297.60	307.90	313.90	321.20
99091M2 012	364.10	367.70	379.50	385.20	402.40
99091M2 013	341.50	353.00			
99091M2 014	378.20	389.80	399.90	407.40	430.70
99091M2 015	536.50	538.50	560.50	583.80	616.50
99091M2 016	304.30	310.80	310.90	321.90	334.10
99091M2 017	334.10	353.50	362.10	367.90	383.40
99091M2 018	321.80	338.20	346.90	362.70	381.30
99091M2 019	376.50	398.30	404.70	421.10	441.00
99091M2 020	371.40	391.20	404.40	419.20	446.10

STUDY NUMBER: 99091 CUMULATIVE BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : PARENT-L
TARGET DOSE : 11.00 %

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	-5- 8	-5- 15	-5- 22	-5- 29	-5- 36
ANIMAL						
99091M3 001	47.50	98.20	132.90	164.50	194.00	212.40
99091M3 002	53.70	109.90	167.00	214.50	251.90	284.00
99091M3 003	45.50	91.50	130.60	163.70	190.20	212.20
99091M3 004	43.40	89.90	124.70	157.60	184.40	204.60
99091M3 005	46.90	101.50	156.40	200.20	237.80	268.40
99091M3 006	46.00	99.90	142.20	181.70	215.40	243.60
99091M3 007	55.70	109.40	158.80	202.50	242.20	270.20
99091M3 008	54.70	113.40	157.40	198.60	236.20	266.10
99091M3 009	47.30	107.20	155.30	207.90	228.60	285.80
99091M3 010	54.80	100.80	158.00	203.60	243.70	272.40
99091M3 011	47.90	102.70	150.00	182.40	215.20	239.30
99091M3 012	66.60	140.80	200.30	269.40	330.70	380.30
99091M3 013	51.20	103.20	145.80	177.10	202.20	223.70
99091M3 014	46.10	98.80	138.50	176.60	212.10	221.40
99091M3 015	54.60	112.60	145.90	181.70	214.20	233.60
99091M3 016	52.00	102.50	147.40	187.40	216.70	238.80
99091M3 017	44.50	93.10	142.80	186.40	211.40	238.60
99091M3 018	56.90	116.70	165.70	208.50	242.00	273.00
99091M3 019	47.40	113.60	155.70	194.40	220.60	238.30
99091M3 020	50.80	103.80	148.30	183.10	212.80	235.90

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PARENT-L
TARGET DOSE : 11.00 %

SEX: MALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	19-JUL-00	26-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00
DAY OF STUDY:	-5- 43	-5- 50	-5- 50	-5- 57	-5- 57	-5- 64
ANIMAL						
99091M3 001		240.20			255.90	267.90
99091M3 002		327.90			360.60	385.60
99091M3 003	223.70		244.00		263.30	273.80
99091M3 004	221.80		234.90		247.50	256.50
99091M3 005		307.60			334.30	354.80
99091M3 006		282.00			297.90	314.90
99091M3 007	297.90		315.80		334.20	356.40
99091M3 008	300.00		320.00		341.70	365.60
99091M3 009	304.40		333.10		349.80	373.50
99091M3 010	295.60		320.10		330.80	348.10
99091M3 011		262.40			278.90	295.60
99091M3 012	393.40		439.10		468.30	497.10
99091M3 013	245.80		252.60		260.10	281.80
99091M3 014		267.30			295.60	312.40
99091M3 015		275.80			302.50	320.60
99091M3 016		266.40			284.30	299.70
99091M3 017	265.10			296.60		316.90
99091M3 018	296.30			333.80		352.00
99091M3 019	266.80		286.50		300.90	318.40
99091M3 020	257.40		270.30		287.30	306.30

STUDY NUMBER: 99091 CUMULATIVE BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : PARENT-L
TARGET DOSE : 11.00 %

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	-5- 71	-5- 78	-5- 85	-5- 92	-5- 98
ANIMAL					
99091M3 001	278.80	284.00	295.10	302.80	316.70
99091M3 002	400.90	412.60	429.70	435.60	459.90
99091M3 003	277.00	289.90	298.60	306.40	320.40
99091M3 004	263.00	271.70	268.80	269.40	283.30
99091M3 005	369.20	383.50	390.70	402.20	414.70
99091M3 006	326.70	336.40	345.90	354.50	365.90
99091M3 007	368.40	386.70	400.00	411.30	426.20
99091M3 008	383.50	403.70	424.10	433.70	459.70
99091M3 009	389.90	406.10	422.10	431.80	457.20
99091M3 010	364.30	381.60	386.70	404.50	419.80
99091M3 011	307.40	312.10	321.00	326.30	343.40
99091M3 012	517.90	541.10	560.30	580.90	607.10
99091M3 013	288.20	300.00	311.10	314.10	325.30
99091M3 014	324.60	339.30	346.40	356.20	371.70
99091M3 015	337.90	349.10	367.40	370.20	388.20
99091M3 016	303.60	312.10	313.40	325.90	339.80
99091M3 017	326.10	339.50	347.70	358.70	371.90
99091M3 018	360.70	374.60	383.90	392.30	407.50
99091M3 019	320.50	337.60	340.70	349.00	362.50
99091M3 020	319.50	336.10	345.40	362.70	374.10

STUDY NUMBER: 99091 CUMULATIVE BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : PARENT-H
TARGET DOSE : 33.00 %

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	-5- 8	-5- 15	-5- 22	-5- 29	-5- 36
ANIMAL						
99091M4 001	46.30	92.90	136.80	178.40	214.10	232.30
99091M4 002	55.10	118.20	167.70	213.80	252.20	284.40
99091M4 003	45.70	102.70	147.50	187.80	217.50	245.40
99091M4 004	43.30	95.90	131.70	177.20	206.20	235.10
99091M4 005	46.80	97.80	136.50	175.90	200.80	230.00
99091M4 006	44.20	96.60	143.60	174.90	211.20	241.60
99091M4 007	46.80	101.90	149.10	190.90	221.40	228.80
99091M4 008	52.10	111.40	152.30	195.20	225.60	247.50
99091M4 009	53.10	122.60	167.70	211.20	243.10	260.50
99091M4 010	51.90	117.70	174.70	215.10	243.50	274.70
99091M4 011	45.40	97.50	140.60	177.30	201.50	229.20
99091M4 012	51.70	111.40	157.00	212.40	249.30	275.30
99091M4 013	55.10	111.10	147.80	183.50	208.80	224.80
99091M4 014	45.90	96.00	132.90	160.90	184.00	199.90
99091M4 015	49.70	106.30	145.30	183.00	219.70	231.30
99091M4 016	48.90	110.40	155.20	190.40	225.20	253.00
99091M4 017	51.90	110.80	155.70	199.50	236.20	276.40
99091M4 018	47.40	104.30	143.50	183.70	216.50	242.90
99091M4 019	52.60	111.50	152.80	197.20	224.60	248.20
99091M4 020	50.70	102.20	144.60	185.10	214.10	238.70

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PARENT-H
TARGET DOSE : 33.00 %

SEX: MALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	19-JUL-00	26-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00
DAY OF STUDY:	-5- 43	-5- 50	-5- 50	-5- 57	-5- 57	-5- 64
ANIMAL						
99091M4 001		278.00			300.60	313.10
99091M4 002		325.80			351.40	376.60
99091M4 003	272.10		292.70		314.30	332.50
99091M4 004	253.90		271.40		288.50	309.60
99091M4 005		260.20			277.40	297.50
99091M4 006		275.50			296.00	316.60
99091M4 007	267.20		282.10		303.20	322.10
99091M4 008	264.90		286.90		308.70	336.40
99091M4 009	309.00		334.20		351.90	380.00
99091M4 010	305.00		330.90		356.00	375.30
99091M4 011		262.50			274.20	290.30
99091M4 012	302.70		322.30		338.90	355.70
99091M4 013	249.70		269.80		280.40	296.90
99091M4 014		224.20			231.60	247.40
99091M4 015		287.90			314.00	332.20
99091M4 016		296.60			320.10	334.40
99091M4 017	303.20			337.40		358.00
99091M4 018	261.70			287.60		308.60
99091M4 019	279.00		302.40		320.00	336.90
99091M4 020	263.60		255.20		270.70	286.50

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PARENT-H
TARGET DOSE : 33.00 %

SEX: MALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	-5- 71	-5- 78	-5- 85	-5- 92	-5- 98
ANIMAL					
99091M4 001	321.40	325.70	339.90	354.70	360.30
99091M4 002	396.30	410.80	421.80	439.60	459.40
99091M4 003	344.80	360.30	356.00	370.70	391.50
99091M4 004	324.10	337.40	347.20	353.40	373.60
99091M4 005	306.50	320.80	336.20	350.30	355.40
99091M4 006	328.70	339.00	341.80	355.40	371.90
99091M4 007	331.10	344.10	348.00	356.90	376.00
99091M4 008	349.10	363.10	371.40	378.60	393.60
99091M4 009	386.40	400.80	411.50	423.90	430.50
99091M4 010	387.50	409.10	415.30	431.80	445.70
99091M4 011	293.40	304.30	312.60	323.00	327.60
99091M4 012	366.10	377.70	384.70	387.50	404.10
99091M4 013	317.20	312.00	337.40	341.80	358.00
99091M4 014	253.60	264.90	272.00	281.80	290.80
99091M4 015	354.10	367.70	379.90	387.90	407.70
99091M4 016	345.50	358.10	362.00	374.30	389.00
99091M4 017	365.90	371.40	379.00	383.90	404.90
99091M4 018	319.00	321.90	332.70	340.60	352.00
99091M4 019	355.90	369.80	381.90	384.60	414.30
99091M4 020	304.00	314.40	320.10	326.10	335.00

STUDY NUMBER: 99091 CUMULATIVE BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : CROWS 363
TARGET DOSE : 33.00 %

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	-5- 8	-5- 15	-5- 22	-5- 29	-5- 36
ANIMAL						
99091M5 001	46.80	96.80	133.00	165.90	188.30	212.90
99091M5 002	47.80	109.60	152.90	195.60	225.30	245.80
99091M5 003	39.70	90.60	135.00	167.30	196.70	216.80
99091M5 004	55.70	114.00	161.50	206.50	240.20	282.90
99091M5 005	48.10	106.30	153.10	197.10	228.30	264.50
99091M5 006	43.90	101.00	138.80	183.40	216.60	247.10
99091M5 007	46.50	99.70	144.30	179.40	196.80	215.00
99091M5 008	50.60	107.80	154.30	185.90	217.50	243.10
99091M5 009	46.60	97.60	136.60	174.80	203.10	228.20
99091M5 010	49.20	108.30	162.20	199.40	243.80	269.50
99091M5 011	44.20	95.00	139.00	175.30	207.90	231.70
99091M5 012	49.20	101.80	149.60	187.80	223.40	257.10
99091M5 013	47.50	104.20	145.30	186.10	217.90	243.00
99091M5 014	50.60	109.80	158.10	195.40	239.20	253.40
99091M5 015	42.40	86.30	130.30	164.30	190.60	215.70
99091M5 016	54.00	121.00	172.70	225.20	258.60	279.40
99091M5 017	49.80	102.40	145.80	180.20	208.90	231.40
99091M5 018	40.00	82.30	122.30	159.20	192.50	216.90
99091M5 019	54.40	110.80	152.90	194.90	229.70	259.00
99091M5 020	52.00	104.20	155.30	198.70	224.30	268.00

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CROWS 363
TARGET DOSE : 33.00 %

SEX: MALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	19-JUL-00	26-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00
DAY OF STUDY:	-5- 43	-5- 50	-5- 50	-5- 57	-5- 57	-5- 64
ANIMAL						
99091M5 001		242.30			256.10	272.60
99091M5 002		291.30			310.40	337.40
99091M5 003	239.50		257.30		277.00	292.40
99091M5 004	308.10		330.60		353.70	370.30
99091M5 005		302.20			318.50	343.80
99091M5 006		290.60			311.60	340.20
99091M5 007	238.40		250.80		264.10	275.50
99091M5 008	261.50		274.00		292.90	310.90
99091M5 009	255.40		274.10		290.00	310.70
99091M5 010	297.10		314.40		333.00	360.10
99091M5 011		262.70			282.50	299.30
99091M5 012	281.20		296.60		314.70	330.40
99091M5 013	263.80		273.90		294.00	311.90
99091M5 014		303.60			330.40	348.00
99091M5 015		243.00			262.30	283.40
99091M5 016		347.40			377.70	400.60
99091M5 017	247.30			282.80		303.40
99091M5 018	237.00			263.10		275.50
99091M5 019	279.00		298.00		315.60	329.60
99091M5 020	290.10		314.40		343.60	367.40

STUDY NUMBER: 99091 CUMULATIVE BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : CROWS 363
TARGET DOSE : 33.00 %

FROM DATE:		1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:		16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:		-5- 71	-5- 78	-5- 85	-5- 92	-5- 98
ANIMAL						
99091M5	001	286.20	299.30	310.80	313.80	322.30
99091M5	002	346.30	357.60	368.70	373.80	387.40
99091M5	003	298.90	311.70	314.40	325.00	332.10
99091M5	004	382.90	394.90	411.60	417.20	436.20
99091M5	005	357.00	366.00	379.50	386.50	393.40
99091M5	006	341.60	358.50	371.00	373.80	388.80
99091M5	007	285.30	289.40	302.10	303.50	309.60
99091M5	008	320.30	332.70	341.70	332.60	360.70
99091M5	009	320.50	330.30	343.10	351.60	369.10
99091M5	010	373.90	389.60	399.40	404.20	416.50
99091M5	011	310.10	314.20	321.70	331.10	344.10
99091M5	012	336.30	348.70	361.20	375.90	386.60
99091M5	013	323.70	336.00	353.10	363.50	381.20
99091M5	014	351.90	359.90	372.90	382.00	397.70
99091M5	015	291.50	304.60	317.80	322.50	338.30
99091M5	016	410.30	431.70	447.10	457.70	467.70
99091M5	017	317.70	331.00	344.40	356.90	368.60
99091M5	018	285.70	292.20	306.40	307.20	319.80
99091M5	019	342.50	347.60	362.30	370.30	381.10
99091M5	020	386.80	396.50	412.30	433.20	449.40

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PIONEER 3394
TARGET DOSE : 33.00 %

SEX: MALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	-5- 8	-5- 15	-5- 22	-5- 29	-5- 36
ANIMAL						
99091M6 001	46.20	87.90	130.20	159.80	190.20	218.30
99091M6 002	38.30	89.50	122.30	154.60	187.90	212.10
99091M6 003	45.60	94.20	135.10	169.30	206.90	220.10
99091M6 004	41.90	96.20	135.30	176.70	206.20	224.10
99091M6 005	42.10	86.20	123.80	145.90	169.60	182.90
99091M6 006	46.50	98.30	140.40	174.60	207.50	232.70
99091M6 007	46.60	98.10	143.60	186.90	219.70	242.40
99091M6 008	42.90	95.60	137.40	173.50	208.70	224.20
99091M6 009	53.20	120.10	168.20	209.70	234.10	271.20
99091M6 010	47.10	100.70	143.10	179.70	204.80	206.80
99091M6 011	48.40	109.80	158.20	205.40	238.00	261.70
99091M6 012	47.50	106.20	151.20	183.90	213.20	239.20
99091M6 013	48.60	95.80	141.00	180.50	214.10	239.20
99091M6 014	49.50	106.10	151.50	188.00	212.10	235.30
99091M6 015	52.40	110.90	158.60	201.50	243.80	276.00
99091M6 016	52.30	106.60	159.20	197.00	230.90	253.30
99091M6 017	46.70	103.70	144.40	181.10	214.70	243.50
99091M6 018	42.80	88.20	129.60	165.60	199.20	223.20
99091M6 019	45.80	111.00	159.20	197.20	217.10	271.40
99091M6 020	46.60	102.00	133.60	171.20	187.20	240.30

STUDY NUMBER: 99091 CUMULATIVE BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : PIONEER 3394
TARGET DOSE : 33.00 %

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	19-JUL-00	26-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00
DAY OF STUDY:	-5- 43	-5- 50	-5- 50	-5- 57	-5- 57	-5- 64
ANIMAL						
99091M6 001		249.80			258.90	280.10
99091M6 002		238.60			261.40	281.80
99091M6 003	250.90		267.90		283.10	297.80
99091M6 004	247.30		275.30		298.50	317.20
99091M6 005		197.10			210.80	224.20
99091M6 006		259.60			282.70	294.60
99091M6 007	274.20		290.20		308.70	330.90
99091M6 008	264.00		284.00		303.00	324.30
99091M6 009	301.10		331.80		353.10	379.50
99091M6 010	251.30		272.20		287.90	306.40
99091M6 011		303.60			338.70	358.60
99091M6 012	258.00		279.00		303.00	321.60
99091M6 013	259.50		273.00		292.50	304.10
99091M6 014		276.70			299.20	315.80
99091M6 015	300.80			338.50		361.60
99091M6 016	277.10			330.20		346.60
99091M6 017	260.50			291.40		307.70
99091M6 018	248.90			277.10		299.90
99091M6 019	304.40		341.00		362.90	388.70
99091M6 020	265.00		284.40		302.40	318.40

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PIONEER 3394
TARGET DOSE : 33.00 %

SEX: MALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	-5- 71	-5- 78	-5- 85	-5- 92	-5- 98
ANIMAL					
99091M6 001	291.20	305.00	316.00	325.50	344.10
99091M6 002	286.10	300.30	315.90	323.40	340.10
99091M6 003	316.20	326.60	352.10	362.80	381.40
99091M6 004	330.70	339.30	354.80	366.10	384.00
99091M6 005	233.10	244.30	249.00	249.30	258.00
99091M6 006	314.70	326.60	337.80	349.10	353.10
99091M6 007	341.50	352.80	367.40	379.50	395.00
99091M6 008	337.10	346.90	358.20	367.50	380.00
99091M6 009	387.60	406.80	299.20		
99091M6 010	320.60	322.80	323.20	333.10	337.70
99091M6 011	374.20	388.40	405.60	418.00	433.30
99091M6 012	335.00	347.70	364.60	368.30	386.20
99091M6 013	317.30	328.00	332.20	343.60	347.40
99091M6 014	322.10	332.80	355.10	363.60	367.60
99091M6 015	368.40	387.80	405.20	416.50	434.90
99091M6 016	364.50	376.90	397.10	414.70	428.40
99091M6 017	317.70	329.20	341.30	349.10	364.80
99091M6 018	312.90	327.90	344.70	349.70	366.80
99091M6 019	409.90	429.40	446.70	477.60	474.70
99091M6 020	323.60	342.80	349.60	352.90	362.50

STUDY NUMBER: 99091 CUMULATIVE BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : CROPLAN GENETICS 461
TARGET DOSE : 33.00 %

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	-5- 8	-5- 15	-5- 22	-5- 29	-5- 36
ANIMAL						
99091M7 001	48.40	117.20	172.90	224.80	248.70	273.10
99091M7 002	46.10	107.80	149.70	189.00	218.20	242.30
99091M7 003	45.10	98.00	144.90	186.90	214.20	251.10
99091M7 004	46.50	108.00	165.40	202.70	239.10	257.90
99091M7 005	49.60	103.10	149.70	185.30	210.40	233.70
99091M7 006	38.60	72.20	105.90	135.30	168.40	195.80
99091M7 007	51.10	100.80	157.70	193.40	223.70	253.90
99091M7 008	41.40	91.20	126.90	161.40	193.10	215.10
99091M7 009	45.50	94.50	135.10	170.80	200.10	226.30
99091M7 010	48.60	99.80	150.20	186.70	212.30	239.50
99091M7 011	42.00	89.20	128.40	164.90	203.30	238.90
99091M7 012	50.60	110.90	156.50	198.30	233.30	265.70
99091M7 013	41.70	94.90	132.30	167.00	192.10	227.90
99091M7 014	42.10	90.80	126.60	167.30	201.90	230.40
99091M7 015	51.20	98.30	143.70	183.20	221.70	245.20
99091M7 016	53.70	113.90	165.90	214.20	248.20	273.50
99091M7 017	49.40	108.30	159.30	199.20	245.70	288.90
99091M7 018	62.10	137.40	207.00	262.20	306.50	368.20
99091M7 019	47.80	102.50	159.40	198.50	229.20	254.20
99091M7 020	52.10	114.40	154.60	201.40	236.20	255.70

STUDY NUMBER: 99091 CUMULATIVE BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : CROPLAN GENETICS 461
TARGET DOSE : 33.00 %

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	19-JUL-00	26-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00
DAY OF STUDY:	-5- 43	-5- 50	-5- 50	-5- 57	-5- 57	-5- 64
ANIMAL						
99091M7 001		338.50			375.50	399.00
99091M7 002		266.70			291.60	311.20
99091M7 003	272.80		302.30		329.50	346.00
99091M7 004	289.20		310.70		337.90	360.00
99091M7 005		280.70			309.70	333.00
99091M7 006		224.00			239.80	258.40
99091M7 007	268.30		289.20		310.20	323.90
99091M7 008	241.30		260.80		278.60	287.90
99091M7 009	245.30		268.40		288.90	305.10
99091M7 010	257.50		270.80		286.80	307.70
99091M7 011		268.00			297.80	318.30
99091M7 012	289.40		313.20		329.90	344.70
99091M7 013	246.80		272.90		295.40	309.60
99091M7 014		252.00			281.20	295.60
99091M7 015	275.80			314.30		325.50
99091M7 016	316.20			372.50		393.40
99091M7 017	313.30			361.90		390.40
99091M7 018	410.20			461.60		481.40
99091M7 019	272.50		300.20		318.70	335.80
99091M7 020	279.40		296.70		323.20	344.00

STUDY NUMBER: 99091 CUMULATIVE BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : CROPLAN GENETICS 461
TARGET DOSE : 33.00 %

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	-5- 71	-5- 78	-5- 85	-5- 92	-5- 98
ANIMAL					
99091M7 001	411.90	419.60	429.00	450.20	463.10
99091M7 002	330.00	337.40	355.40	359.30	377.70
99091M7 003	363.60	374.00	391.20	402.50	419.80
99091M7 004	373.70	387.40	395.30	415.60	425.90
99091M7 005	345.40	360.70	370.80	377.10	394.50
99091M7 006	269.50	281.40	287.90	297.90	310.00
99091M7 007	337.60	342.80	353.00	367.50	375.70
99091M7 008	293.90	298.40	297.60	325.60	338.20
99091M7 009	319.40	334.10	344.70	355.30	377.40
99091M7 010	314.50	325.00	343.80	353.10	368.10
99091M7 011	334.20	349.40	358.70	371.40	390.50
99091M7 012	358.70	367.10	383.00	398.90	411.90
99091M7 013	324.10	341.20	354.20	372.50	388.30
99091M7 014	312.00	330.10	342.50	360.40	370.40
99091M7 015	338.10	350.50	365.00	382.70	393.50
99091M7 016	417.00	430.80	455.30	470.00	496.70
99091M7 017	409.60	434.10	452.20	472.10	492.40
99091M7 018	515.10	534.60	555.40	579.00	607.20
99091M7 019	343.00	355.10	367.20	377.70	394.10
99091M7 020	349.00	366.20	374.60	385.40	407.90

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CAMPBELLS 6995
TARGET DOSE : 33.00 %

SEX: MALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	-5- 8	-5- 15	-5- 22	-5- 29	-5- 36
ANIMAL						
99091M8 001	41.00	97.00	140.80	179.30	215.80	242.00
99091M8 002	38.40	89.20	129.60	166.30	191.90	219.20
99091M8 003	43.10	97.90	147.10	187.00	225.00	247.70
99091M8 004	35.40	70.80	104.80	133.60	157.80	177.40
99091M8 005	52.50	110.60	157.20	198.00	229.90	264.70
99091M8 006	45.70	102.30	147.50	184.60	217.80	249.00
99091M8 007	43.10	93.20	141.60	181.10	208.10	230.10
99091M8 008	42.10	96.10	149.40	189.80	222.50	249.10
99091M8 009	39.80	91.90	131.80	162.10	191.50	218.20
99091M8 010	40.30	91.90	130.40	167.30	190.60	215.90
99091M8 011	46.20	103.10	154.80	194.50	237.20	247.60
99091M8 012	49.10	104.00	142.80	175.10	206.40	230.00
99091M8 013	46.70	97.50	136.70	177.20	209.00	239.50
99091M8 014	52.70	108.50	161.20	202.80	243.30	267.90
99091M8 015	49.90	98.40	150.90	201.40	239.50	265.80
99091M8 016	48.10	104.70	153.50	201.00	234.70	260.30
99091M8 017	52.90	110.20	161.40	202.10	243.90	242.50
99091M8 018	55.00	114.60	168.90	216.50	260.30	293.20
99091M8 019	49.10	114.00	168.50	211.60	248.70	271.90
99091M8 020	51.50	108.70	158.60	196.40	227.40	255.00

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CAMPBELLS 6995
TARGET DOSE : 33.00 %

SEX: MALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	19-JUL-00	26-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00
DAY OF STUDY:	-5- 43	-5- 50	-5- 50	-5- 57	-5- 57	-5- 64
ANIMAL						
99091M8 001		276.60			292.20	309.20
99091M8 002		243.70			264.70	280.10
99091M8 003	274.20		292.00		314.00	329.00
99091M8 004	191.20		206.10		221.80	229.70
99091M8 005		295.10			319.90	336.30
99091M8 006		284.10			300.60	322.70
99091M8 007	250.30		269.50		285.60	297.90
99091M8 008	277.10		297.20		319.20	338.90
99091M8 009	238.60		257.00		274.60	286.50
99091M8 010	232.70		251.20		265.80	283.90
99091M8 011		297.80			321.20	344.70
99091M8 012	252.60		266.00		289.60	303.10
99091M8 013	256.90		282.90		306.90	317.10
99091M8 014		308.50			335.10	358.50
99091M8 015	308.70			366.70		390.80
99091M8 016	285.90			317.80		333.60
99091M8 017	290.00			335.70		356.60
99091M8 018	317.70			372.10		385.90
99091M8 019	307.20		333.00		360.40	381.10
99091M8 020	270.00		286.50		308.80	321.50

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CAMPBELLS 6995
TARGET DOSE : 33.00 %

SEX: MALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	-5- 71	-5- 78	-5- 85	-5- 92	-5- 98
ANIMAL					
99091M8 001	322.30	334.10	342.30	350.80	361.00
99091M8 002	289.80	304.30	313.40	324.90	338.10
99091M8 003	334.00	353.10	360.90	380.80	391.20
99091M8 004	238.80	249.80	253.50	260.20	269.70
99091M8 005	354.60	367.00	381.80	393.10	415.60
99091M8 006	333.10	353.00	367.50	378.10	396.30
99091M8 007	307.80	316.70	294.40	293.80	309.20
99091M8 008	356.10	365.90	384.10	395.50	415.00
99091M8 009	303.70	323.00	327.80	341.70	357.90
99091M8 010	292.40	304.50	312.90	315.60	324.60
99091M8 011	355.10	368.60	382.90	398.30	417.80
99091M8 012	322.70	333.50	342.80	358.20	373.90
99091M8 013	336.20	345.20	356.20	369.20	386.70
99091M8 014	367.10	380.00	402.10	413.30	435.90
99091M8 015	419.70	445.70	455.90	472.10	500.00
99091M8 016	350.90	361.90	372.40	387.10	393.90
99091M8 017	373.50	385.80	390.70	405.70	418.90
99091M8 018	397.30	409.30	422.70	439.70	453.80
99091M8 019	396.50	408.80	428.50	436.10	454.30
99091M8 020	333.30	347.60	362.70	375.10	393.80

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : DK 539
TARGET DOSE : 33.00 %

SEX: MALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	-5- 8	-5- 15	-5- 22	-5- 29	-5- 36
ANIMAL						
99091M9 001	49.50	102.80	145.80	183.60	211.80	237.70
99091M9 002	40.80	84.20	116.50	146.10	180.00	207.60
99091M9 003	47.30	110.00	156.80	201.20	235.80	269.30
99091M9 004	48.80	110.60	160.20	204.00	222.00	250.70
99091M9 005	45.80	97.10	135.70	170.50	199.50	239.10
99091M9 006	50.90	107.00	159.50	202.00	234.60	271.00
99091M9 007	41.10	97.00	147.20	184.50	214.50	243.90
99091M9 008	51.80	115.30	158.50	196.50	222.70	244.80
99091M9 009	49.90	109.10	164.30	207.00	242.80	271.60
99091M9 010	50.30	108.60	158.60	201.30	233.40	262.80
99091M9 011	51.20	101.90	158.20	200.90	232.50	267.50
99091M9 012	53.40	110.90	151.10	186.40	214.60	240.20
99091M9 013	52.10	109.20	154.30	201.00	239.20	278.80
99091M9 014	38.50	90.00	126.20	156.40	187.80	213.90
99091M9 015	41.30	95.20	131.50	167.10	197.60	223.60
99091M9 016	55.20	116.70	168.50	209.10	236.70	264.90
99091M9 017	51.80	110.50	141.90	177.20	191.90	228.60
99091M9 018	48.00	99.50	133.70	166.60	197.20	213.50
99091M9 019	50.60	107.10	151.00	194.20	228.90	262.20
99091M9 020	48.90	111.30	161.20	202.20	230.80	248.20

STUDY NUMBER: 99091 CUMULATIVE BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : DK 539
TARGET DOSE : 33.00 %

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	19-JUL-00	26-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00
DAY OF STUDY:	-5- 43	-5- 50	-5- 50	-5- 57	-5- 57	-5- 64
ANIMAL						
99091M9 001		273.30			306.90	325.20
99091M9 002		238.60			266.10	279.60
99091M9 003	288.70		307.80		328.20	334.80
99091M9 004	282.00		305.00		340.80	354.00
99091M9 005		279.90			309.60	328.90
99091M9 006		298.50			326.30	355.00
99091M9 007	258.60		262.90		287.60	305.00
99091M9 008	258.20		276.00		304.50	323.10
99091M9 009	292.20		308.80		331.40	340.70
99091M9 010	277.30		291.50		310.30	323.60
99091M9 011		304.50			337.50	358.10
99091M9 012	264.50		287.10		304.00	319.60
99091M9 013	301.00		323.80		352.40	372.90
99091M9 014		237.40			257.60	277.00
99091M9 015	239.60			273.50		292.70
99091M9 016	280.60			318.90		329.20
99091M9 017	247.70			278.90		296.30
99091M9 018	232.10			255.90		273.20
99091M9 019	287.50		310.30		333.30	346.60
99091M9 020	277.10		300.30		324.10	332.90

STUDY NUMBER: 99091 CUMULATIVE BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : DK 539
TARGET DOSE : 33.00 %

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	-5- 71	-5- 78	-5- 85	-5- 92	-5- 98
ANIMAL					
99091M9 001	336.50	350.40	358.80	371.30	387.60
99091M9 002	295.00	306.60	316.10	324.40	336.90
99091M9 003	339.60	354.60	367.30	379.90	371.60
99091M9 004	363.60	371.60	386.60	397.90	412.50
99091M9 005	349.30	358.00	369.90	377.30	396.10
99091M9 006	368.20	376.30	394.10	406.50	425.80
99091M9 007	318.20	335.90	341.50	347.80	366.60
99091M9 008	341.00	351.10	361.10	372.10	388.50
99091M9 009	354.70	365.60	380.10	386.60	399.20
99091M9 010	342.60	351.10	362.00	369.80	393.60
99091M9 011	376.70	385.90	398.10	409.30	423.40
99091M9 012	332.50	345.50	357.80	367.90	377.00
99091M9 013	387.90	403.60	417.80	424.60	435.30
99091M9 014	292.50	301.40	309.90	316.50	331.60
99091M9 015	295.20	299.50	313.80	313.60	341.60
99091M9 016	346.90	359.10	378.50	390.80	399.30
99091M9 017	312.50	325.80	335.30	345.80	360.20
99091M9 018	284.80	295.30	309.40	320.90	332.30
99091M9 019	355.40	367.20	379.10	392.50	407.30
99091M9 020	350.60	360.10	367.10	378.80	392.30

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : DK 537
TARGET DOSE : 33.00 %

SEX: MALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	-5- 8	-5- 15	-5- 22	-5- 29	-5- 36
ANIMAL						
99091M10 001	48.00	104.70	147.30	180.80	221.50	238.10
99091M10 002	39.80	81.00	102.50	129.30	150.90	166.90
99091M10 003	52.20	115.10	169.20	213.40	243.80	268.40
99091M10 004	44.60	96.20	144.30	183.70	204.50	221.70
99091M10 005	45.60	102.70	147.60	187.60	223.30	251.10
99091M10 006	46.40	100.60	145.10	188.40	221.20	256.40
99091M10 007	48.90	110.90	152.80	194.50	228.50	263.80
99091M10 008	62.60	123.80	176.50	211.30	244.50	269.70
99091M10 009	52.80	115.80	164.10	204.70	244.90	276.10
99091M10 010	43.30	101.80	151.60	197.70	235.40	274.60
99091M10 011	46.50	92.40	135.20	165.10	197.40	222.60
99091M10 012	54.10	113.10	160.50	201.50	230.40	234.70
99091M10 013	49.80	109.80	156.00	201.20	240.20	279.20
99091M10 014	44.10	95.10	135.80	170.30	207.50	238.20
99091M10 015	49.80	105.30	151.00	192.80	227.60	259.80
99091M10 016	48.20	101.50	149.60	184.00	218.10	245.30
99091M10 017	43.80	99.30	140.90	177.30	210.60	236.70
99091M10 018	43.50	87.80	129.80	166.40	192.50	218.10
99091M10 019	47.20	98.70	140.80	176.50	205.70	232.10
99091M10 020	53.20	108.20	154.80	192.00	231.20	257.20

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : DK 537
TARGET DOSE : 33.00 %

SEX: MALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	19-JUL-00	26-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00
DAY OF STUDY:	-5- 43	-5- 50	-5- 50	-5- 57	-5- 57	-5- 64
ANIMAL						
99091M10 001		284.60			313.80	325.20
99091M10 002		187.40			209.60	222.80
99091M10 003	301.30		332.20		371.30	383.20
99091M10 004	233.60		248.90		276.20	296.70
99091M10 005		287.70			317.30	337.10
99091M10 006		298.90			323.90	351.00
99091M10 007	285.80		309.30		341.00	364.70
99091M10 008	290.90		309.70		338.10	354.70
99091M10 009	303.30		329.30		356.70	374.10
99091M10 010	302.20		318.50		345.70	354.30
99091M10 011		257.30			293.30	309.70
99091M10 012	278.40		293.00		328.50	344.30
99091M10 013	295.90		333.10		358.90	369.80
99091M10 014		261.40			296.70	302.60
99091M10 015	282.60			326.90		342.70
99091M10 016	265.30			304.80		307.10
99091M10 017	260.30			298.30		313.50
99091M10 018	231.60			261.30		277.50
99091M10 019	246.40		262.60		287.90	295.90
99091M10 020	289.00		306.40		334.80	347.70

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : DK 537
TARGET DOSE : 33.00 %

SEX: MALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	-5- 71	-5- 78	-5- 85	-5- 92	-5- 98
ANIMAL					
99091M10 001	332.60	334.60	359.00	375.50	387.50
99091M10 002	232.50	239.40	254.00	261.30	264.50
99091M10 003	395.20	413.60	426.80	446.40	460.00
99091M10 004	307.70	323.60	337.90	358.70	368.40
99091M10 005	354.10	365.40	377.30	387.10	404.00
99091M10 006	360.60	374.30	390.60	402.00	415.30
99091M10 007	379.10	391.20	395.40	413.80	435.60
99091M10 008	374.40	389.70	407.40	424.30	441.30
99091M10 009	384.70	395.20	408.20	416.40	426.20
99091M10 010	370.00	389.50	396.40	412.10	421.70
99091M10 011	328.50	340.20	358.30	372.10	384.30
99091M10 012	365.10	383.10	400.40	409.90	409.90
99091M10 013	380.20	403.50	425.50	452.40	460.40
99091M10 014	322.20	334.50	353.70	361.40	366.80
99091M10 015	359.60	373.00	391.70	406.50	418.70
99091M10 016	323.70	296.60	324.10	320.80	295.60
99091M10 017	324.10	331.10	351.80	369.70	377.30
99091M10 018	295.70	306.10	319.80	324.70	331.00
99091M10 019	304.50	313.60	325.00	335.50	338.40
99091M10 020	362.40	369.70	392.00	403.40	408.20

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : NK 603-L
TARGET DOSE : 11.00 %

SEX: FEMALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	-5- 8	-5- 15	-5- 22	-5- 29	-5- 36
ANIMAL						
99091F1 001	20.60	47.10	66.10	82.40	98.40	106.40
99091F1 002	15.80	39.10	47.80	69.60	84.10	88.20
99091F1 003	24.60	46.30	72.50	90.90	106.90	119.40
99091F1 004	26.30	43.80	62.00	81.10	96.20	114.10
99091F1 005	20.70	37.10	57.00	69.80	85.60	100.00
99091F1 006	27.10	58.80	95.80	95.40	117.30	141.80
99091F1 007	26.20	52.70	79.80	102.00	113.20	120.90
99091F1 008	22.80	48.30	66.50	77.70	93.00	102.30
99091F1 009	31.20	59.60	76.30	93.90	108.30	120.40
99091F1 010	19.90	33.60	57.10	74.10	87.50	100.90
99091F1 011	27.90	57.30	72.50	88.20	105.50	114.60
99091F1 012	19.70	48.20	63.90	84.00	99.00	110.60
99091F1 013	29.60	54.30	78.00	100.60	111.00	117.80
99091F1 014	28.50	54.30	75.00	93.80	106.20	116.50
99091F1 015	25.20	51.00	76.30	94.50	110.20	120.00
99091F1 016	15.40	41.10	52.70	65.40	73.80	86.00
99091F1 017	24.40	55.40	69.30	94.30	102.10	119.50
99091F1 018	19.60	41.30	54.80	70.10	83.40	92.60
99091F1 019	37.00	72.90	93.10	103.60	124.50	136.40
99091F1 020	29.50	58.60	73.40	89.00	96.00	105.20

STUDY NUMBER: 99091 CUMULATIVE BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : NK 603-L
TARGET DOSE : 11.00 %

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	19-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00	9-AUG-00
DAY OF STUDY:	-5- 43	-5- 50	-5- 57	-5- 57	-5- 64	-5- 64
ANIMAL						
99091F1 001	106.40		126.50			131.30
99091F1 002	88.50		106.30			104.60
99091F1 003	118.70	127.70		129.20		133.90
99091F1 004	122.60	129.80		136.20		145.80
99091F1 005	111.50		124.80			129.00
99091F1 006	132.70		154.70			166.20
99091F1 007	135.70	135.20		156.00		160.70
99091F1 008	100.90	105.80		114.00		120.80
99091F1 009	125.20	134.80		148.10		151.10
99091F1 010	117.50	120.40		132.10		139.30
99091F1 011	120.60		143.50			142.50
99091F1 012	132.10	134.10		142.90		148.70
99091F1 013	126.60	136.90		135.40		141.00
99091F1 014	120.20		138.90			141.40
99091F1 015	127.50		142.30			151.90
99091F1 016	87.50		98.80			111.90
99091F1 019	145.50	144.50		158.30	104.70	164.60
99091F1 020	116.40	119.40		129.90		126.50

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : NK 603-L
TARGET DOSE : 11.00 %

SEX: FEMALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	-5- 71	-5- 78	-5- 85	-5- 92	-5- 98
ANIMAL					
99091F1 001	134.40	146.70	153.40	152.10	158.50
99091F1 002	104.10	115.40	124.00	124.90	130.00
99091F1 003	134.30	133.70	150.60	150.10	143.10
99091F1 004	148.80	157.00	156.00	160.10	166.50
99091F1 005	132.80	138.70	145.30	153.70	154.60
99091F1 006	173.20	169.70	191.80	195.00	191.20
99091F1 007	153.60	166.80	170.70	180.40	183.10
99091F1 008	119.70	119.30	131.00	137.40	132.40
99091F1 009	153.40	164.00	169.40	166.60	171.40
99091F1 010	137.60	145.10	156.70	159.70	155.40
99091F1 011	141.10	153.50	166.60	162.90	168.30
99091F1 012	155.90	168.60	175.60	176.30	176.00
99091F1 013	144.10	156.90	158.30	161.60	171.20
99091F1 014	149.70	154.10	162.70	164.50	172.30
99091F1 015	160.90	167.40	174.70	180.60	182.40
99091F1 016	115.80	121.70	123.40	127.10	127.60
99091F1 017	138.30	142.10	153.50	156.30	154.20
99091F1 018	113.10	113.80	120.60	123.60	126.50
99091F1 019	167.80	170.50	179.00	187.50	184.70
99091F1 020	137.10	134.80	146.90	139.40	149.00

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : NK 603-H
TARGET DOSE : 33.00 %

SEX: FEMALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	-5- 8	-5- 15	-5- 22	-5- 29	-5- 36
ANIMAL						
99091F2 001	19.70	46.10	66.00	74.90	92.00	100.00
99091F2 002	20.20	50.00	70.20	92.20	101.10	111.50
99091F2 003	21.90	52.00	69.70	90.40	111.40	123.50
99091F2 004	24.90	47.80	60.40	66.30	81.90	87.70
99091F2 005	14.80	44.20	66.40	76.70	101.60	122.50
99091F2 006	23.20	52.00	75.10	105.00	112.30	123.20
99091F2 007	18.10	38.80	46.60	65.60	79.80	84.70
99091F2 008	32.90	59.70	73.30	98.00	110.90	123.00
99091F2 009	40.00	59.50	87.50	110.50	122.40	132.30
99091F2 010	30.30	61.40	85.30	104.00	119.00	140.80
99091F2 011	31.90	65.90	102.80	123.00	145.10	160.20
99091F2 012	36.70	60.10	85.90	103.80	121.20	130.30
99091F2 013	18.00	36.40	56.10	60.50	84.20	96.90
99091F2 014	35.60	66.80	92.80	108.90	127.30	133.60
99091F2 015	31.90	62.80	90.50	118.10	140.60	151.60
99091F2 016	31.00	67.00	92.50	112.90	119.00	136.20
99091F2 017	34.00	63.60	89.50	113.20	128.60	140.60
99091F2 018	25.30	58.80	74.70	98.40	115.20	132.70
99091F2 019	29.90	59.70	77.90	94.60	107.60	120.00
99091F2 020	38.90	60.00	90.40	109.50	125.00	139.40

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : NK 603-H
TARGET DOSE : 33.00 %

SEX: FEMALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	19-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00	9-AUG-00
DAY OF STUDY:	-5- 43	-5- 50	-5- 57	-5- 57	-5- 64	-5- 64
ANIMAL						
99091F2 001	104.70		116.40			122.50
99091F2 002	117.60		135.50			136.70
99091F2 003	131.10	134.20		144.20		148.10
99091F2 004	93.30	104.30		120.70		136.20
99091F2 005	118.30		147.50			156.30
99091F2 006	129.70		140.80			158.30
99091F2 007	85.00	96.60		108.10		106.20
99091F2 008	135.50	141.50		149.90		154.30
99091F2 009	131.90	145.80		150.30		164.90
99091F2 010	152.70	160.10		164.00		178.30
99091F2 011	167.10		194.90			218.60
99091F2 012	135.90	154.60		162.10		173.50
99091F2 013	101.40	106.10		130.30		140.00
99091F2 014	152.90		165.20			177.20
99091F2 015	162.30		190.90			204.80
99091F2 016	160.40		172.20			168.80
99091F2 019	128.90	135.20		150.10	171.60	161.50
99091F2 020	146.50	160.70		168.00		169.30

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : NK 603-H
TARGET DOSE : 33.00 %

SEX: FEMALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	-5- 71	-5- 78	-5- 85	-5- 92	-5- 98
ANIMAL					
99091F2 001	128.50	135.30	136.20	146.90	138.90
99091F2 002	142.10	148.70	156.30	159.90	161.80
99091F2 003	149.50	162.60	171.70	170.00	178.00
99091F2 004	120.10	127.90	131.10	138.80	132.00
99091F2 005	154.60	174.20	185.00	187.70	192.50
99091F2 006	146.20	159.30	156.70	164.40	166.10
99091F2 007	104.10	119.60	117.30	127.50	129.70
99091F2 008	158.50	161.60	164.90	169.00	174.20
99091F2 009	155.00	168.00	171.00	176.00	181.30
99091F2 010	175.70	187.90	191.50	214.20	229.00
99091F2 011	210.40	217.90	220.90	223.50	223.80
99091F2 012	182.00	178.50	176.50	185.80	181.70
99091F2 013	134.90	132.40	146.40	150.40	147.60
99091F2 014	184.20	180.60	191.70	198.90	193.60
99091F2 015	212.10	213.80	226.30	225.10	239.80
99091F2 016	188.40	197.90	190.40	205.60	204.20
99091F2 017	177.10	184.20	180.10	186.90	196.00
99091F2 018	179.30	179.60	176.80	182.40	190.10
99091F2 019	175.00	168.70	164.40	172.60	170.90
99091F2 020	179.70	180.10	180.50	185.20	192.40

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PARENT-L
TARGET DOSE : 11.00 %

SEX: FEMALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	-5- 8	-5- 15	-5- 22	-5- 29	-5- 36
ANIMAL						
99091F3 001	19.30	42.70	60.80	75.40	85.40	97.30
99091F3 002	28.40	53.60	66.40	87.20	98.80	109.40
99091F3 003	17.50	40.20	56.40	69.40	83.10	92.50
99091F3 004	28.80	58.50	75.70	82.10	100.60	113.80
99091F3 005	25.40	53.50	63.20	85.20	95.30	120.20
99091F3 006	29.50	54.80	76.80	94.40	101.40	120.10
99091F3 007	24.40	50.80	71.20	85.80	100.90	116.70
99091F3 008	23.30	47.90	65.90	84.40	100.80	111.60
99091F3 009	28.70	60.40	79.80	88.60	104.90	123.40
99091F3 010	28.90	49.90	74.60	93.80	107.50	128.10
99091F3 011	34.10	64.80	91.70	116.20	128.10	134.70
99091F3 012	19.90	43.20	59.70	65.00	81.80	98.10
99091F3 013	32.10	60.20	81.50	97.30	120.20	125.30
99091F3 014	25.10	58.20	84.80	102.00	117.10	134.70
99091F3 015	30.90	63.30	96.00	117.40	127.90	147.70
99091F3 016	20.40	49.70	75.70	88.40	107.90	116.80
99091F3 017	28.50	55.80	79.20	95.30	105.80	123.10
99091F3 018	14.80	45.20	67.40	80.50	90.90	104.10
99091F3 019	18.60	43.80	66.40	75.20	94.40	109.20
99091F3 020	24.60	41.70	60.90	77.80	86.10	97.50

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PARENT-L
TARGET DOSE : 11.00 %

SEX: FEMALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	19-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00	9-AUG-00
DAY OF STUDY:	-5- 43	-5- 50	-5- 57	-5- 57	-5- 64	-5- 64
ANIMAL						
99091F3 001	103.50		115.30			129.20
99091F3 002	113.40		139.20			149.00
99091F3 003	95.00	102.10		114.10		114.10
99091F3 004	113.60	114.50		132.90		127.90
99091F3 005	121.60		133.60			153.60
99091F3 006	126.90		133.40			149.90
99091F3 007	120.20	128.30		139.80		148.90
99091F3 008	115.20	128.60		146.00		147.60
99091F3 009	124.30	127.20		144.10		154.20
99091F3 010	130.50	139.60		158.90		151.50
99091F3 011	147.70		150.90			155.90
99091F3 012	95.60	103.00		116.50		123.60
99091F3 013	140.00	147.30		164.70		168.20
99091F3 014	139.00		151.50			167.80
99091F3 015	147.60		175.40			181.70
99091F3 016	110.70		124.20			130.10
99091F3 019	105.60	121.20		133.00	121.80	143.00
99091F3 020	103.80	115.00		116.40		123.70

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PARENT-L
TARGET DOSE : 11.00 %

SEX: FEMALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	-5- 71	-5- 78	-5- 85	-5- 92	-5- 98
ANIMAL					
99091F3 001	134.90	142.70	141.30	144.00	149.80
99091F3 002	144.10	154.80	163.10	154.50	166.10
99091F3 003	124.70	134.60	127.50	127.30	138.30
99091F3 004	142.20	147.30	146.30	150.00	148.10
99091F3 005	170.50	184.30	189.90	175.20	182.00
99091F3 006	160.70	162.10	157.00	162.60	177.10
99091F3 007	150.90	155.50	152.40	159.20	163.50
99091F3 008	152.50	158.90	161.20	158.20	160.60
99091F3 009	157.50	158.20	164.50	171.50	167.70
99091F3 010	170.60	165.90	170.20	176.70	168.20
99091F3 011	160.30	166.50	182.20	186.40	189.70
99091F3 012	125.50	123.40	127.40	136.10	129.10
99091F3 013	181.10	185.70	181.90	190.90	190.20
99091F3 014	175.00	173.70	176.70	188.00	186.10
99091F3 015	192.80	203.00	206.10	202.00	205.60
99091F3 016	129.90	131.50	133.90	135.60	128.70
99091F3 017	168.60	171.70	170.10	178.40	177.60
99091F3 018	128.10	124.60	132.30	135.80	127.60
99091F3 019	149.60	145.20	155.90	154.70	150.10
99091F3 020	130.00	129.40	126.70	142.20	146.40

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PARENT-H
TARGET DOSE : 33.00 %

SEX: FEMALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	-5- 8	-5- 15	-5- 22	-5- 29	-5- 36
ANIMAL						
99091F4 001	19.40	50.80	77.70	95.50	119.60	133.70
99091F4 002	22.20	43.80	56.90	79.00	79.80	97.00
99091F4 003	21.80	45.10	63.30	81.30	86.00	101.60
99091F4 004	31.70	62.00	85.60	106.30	115.20	125.40
99091F4 005	35.80	65.40	94.10	119.90	134.30	147.80
99091F4 006	39.30	55.30	83.50	109.00	123.40	130.70
99091F4 007	24.60	39.50	56.10	73.80	87.10	98.50
99091F4 008	23.20	48.10	71.90	90.30	99.20	108.40
99091F4 009	23.70	52.10	69.40	90.70	100.60	112.40
99091F4 010	33.10	52.20	76.20	100.00	111.30	117.40
99091F4 011	29.30	61.50	84.60	112.70	124.10	134.40
99091F4 012	30.80	61.30	92.70	115.40	124.60	140.00
99091F4 013	31.00	54.40	79.60	102.10	111.80	123.50
99091F4 014	26.10	52.40	66.60	83.00	98.10	108.10
99091F4 015	28.00	52.30	79.80	105.30	117.20	129.50
99091F4 016	17.70	40.80	65.10	77.90	86.60	96.10
99091F4 017	22.20	48.60	59.50	74.10	87.00	96.70
99091F4 018	19.50	50.20	63.30	82.20	90.70	106.50
99091F4 019	27.70	51.00	61.70	83.10	92.50	97.50
99091F4 020	33.40	64.60	88.60	109.30	131.00	146.60

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PARENT-H
TARGET DOSE : 33.00 %

SEX: FEMALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	19-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00	9-AUG-00
DAY OF STUDY:	-5- 43	-5- 50	-5- 57	-5- 57	-5- 64	-5- 64
ANIMAL						
99091F4 001	158.10		181.10			183.80
99091F4 002	105.10		117.90			121.90
99091F4 003	114.40	118.50		126.10		138.10
99091F4 004	138.50	147.20		154.00		153.30
99091F4 005	158.90		178.00			174.30
99091F4 006	137.20		152.10			163.80
99091F4 007	106.30	114.50		119.70		130.50
99091F4 008	116.10	117.50		132.30		133.90
99091F4 009	128.40	137.50		153.20		153.90
99091F4 010	126.10	141.30		149.00		144.50
99091F4 011	142.80		165.00			165.10
99091F4 012	148.00	162.30		167.10		179.50
99091F4 013	134.30	149.20		160.60		156.40
99091F4 014	125.80		141.90			153.80
99091F4 015	148.20		154.10			157.50
99091F4 016	106.50		119.30			122.90
99091F4 019	100.20	110.20		115.00	144.60	118.00
99091F4 020	156.00	158.30		176.40		184.30

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PARENT-H
TARGET DOSE : 33.00 %

SEX: FEMALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	-5- 71	-5- 78	-5- 85	-5- 92	-5- 98
ANIMAL					
99091F4 001	172.40	193.70	191.70	205.00	199.60
99091F4 002	113.40	130.30	129.20	137.00	135.30
99091F4 003	146.90	145.00	142.00	155.40	155.20
99091F4 004	163.50	169.20	168.50	167.80	176.90
99091F4 005	189.00	193.10	196.60	199.40	205.20
99091F4 006	174.30	185.30	178.00	181.20	188.30
99091F4 007	133.10	135.20	142.30	150.10	147.60
99091F4 008	137.80	138.90	148.40	149.40	136.40
99091F4 009	169.30	170.60	168.50	175.10	176.40
99091F4 010	161.50	163.60	167.80	170.40	179.90
99091F4 011	162.60	175.50	178.80	181.30	183.70
99091F4 012	185.40	185.70	190.80	196.50	202.40
99091F4 013	167.50	177.00	172.80	172.80	181.00
99091F4 014	157.20	165.10	167.70	166.20	176.40
99091F4 015	161.60	170.00	171.30	190.40	186.00
99091F4 016	133.10	132.50	134.90	139.00	137.60
99091F4 017	113.90	124.80	127.90	130.50	127.90
99091F4 018	142.90	146.60	157.00	166.80	161.30
99091F4 019	133.10	134.80	128.90	131.50	137.00
99091F4 020	178.50	190.70	187.20	200.50	195.00

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CROWS 363
TARGET DOSE : 33.00 %

SEX: FEMALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	-5- 8	-5- 15	-5- 22	-5- 29	-5- 36
ANIMAL						
99091F5 001	15.80	34.50	47.90	67.20	73.70	88.30
99091F5 002	16.40	39.80	61.80	75.00	88.50	105.10
99091F5 003	14.00	42.20	59.00	73.80	87.50	95.10
99091F5 004	14.30	45.70	62.60	72.50	84.40	97.30
99091F5 005	18.40	36.60	44.30	64.50	72.20	81.60
99091F5 006	34.30	79.50	102.50	129.10	147.10	163.90
99091F5 007	26.50	53.70	70.60	102.90	122.60	139.90
99091F5 008	31.60	57.70	84.20	102.70	125.00	146.50
99091F5 009	46.20	57.90	76.50	101.90	125.20	134.80
99091F5 010	27.50	55.70	75.10	81.80	107.10	115.20
99091F5 011	23.20	40.50	59.40	88.00	104.50	108.70
99091F5 012	28.40	44.70	71.10	86.70	107.00	107.30
99091F5 013	23.70	49.50	67.00	76.20	88.50	108.90
99091F5 014	28.00	57.70	86.20	113.10	131.30	138.90
99091F5 015	26.90	52.40	68.50	93.00	116.80	121.40
99091F5 016	12.20	36.10	51.90	74.20	90.40	110.40
99091F5 017	24.00	45.50	70.20	81.60	97.30	107.00
99091F5 018	22.70	49.60	64.00	84.30	110.90	120.70
99091F5 019	31.10	59.40	83.10	111.30	136.90	141.10
99091F5 020	21.20	56.20	86.60	103.50	119.70	140.20

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CROWS 363
TARGET DOSE : 33.00 %

SEX: FEMALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	19-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00	9-AUG-00
DAY OF STUDY:	-5- 43	-5- 50	-5- 57	-5- 57	-5- 64	-5- 64
ANIMAL						
99091F5 001	95.60		103.00			111.90
99091F5 002	110.10		123.70			132.90
99091F5 003	99.80	112.00		123.40		129.20
99091F5 004	106.30	121.50		121.90		134.50
99091F5 005	89.60		106.90			104.10
99091F5 006	174.80		195.10			202.30
99091F5 007	147.60	162.30		167.90		180.40
99091F5 008	148.20	171.00		182.00		200.10
99091F5 009	129.00	146.80		159.10		166.30
99091F5 010	121.10	129.50		138.50		140.20
99091F5 011	108.30		127.00			128.70
99091F5 012	122.50	132.60		136.20		138.90
99091F5 013	119.20	121.20		119.20		131.00
99091F5 014	150.70		168.70			174.70
99091F5 015	114.90		138.40			142.00
99091F5 016	110.80		124.80			126.30
99091F5 019	146.20	161.10		170.40	141.50	177.60
99091F5 020	149.30	157.50		159.90		169.20

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CROWS 363
TARGET DOSE : 33.00 %

SEX: FEMALE

FROM DATE:		1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:		16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:		-5- 71	-5- 78	-5- 85	-5- 92	-5- 98
ANIMAL						
99091F5	001	110.10	108.90	109.80	120.90	118.70
99091F5	002	144.50	143.60	148.20	162.30	165.90
99091F5	003	125.50	131.90	134.80	138.50	145.10
99091F5	004	140.30	148.50	151.30	164.90	161.70
99091F5	005	114.40	114.30	115.20	126.10	119.70
99091F5	006	212.30	223.30	227.00	229.80	235.00
99091F5	007	180.10	185.30	197.00	202.90	203.30
99091F5	008	194.00	208.60	211.70	217.40	225.20
99091F5	009	154.10	173.00	176.60	180.80	182.50
99091F5	010	148.40	149.30	147.00	160.90	161.20
99091F5	011	144.40	133.50	144.40	149.30	154.90
99091F5	012	151.50	158.60	150.70	156.40	164.80
99091F5	013	140.30	139.50	134.00	140.80	143.40
99091F5	014	187.20	196.10	188.70	192.40	205.00
99091F5	015	140.50	155.00	151.70	155.40	159.20
99091F5	016	140.30	142.40	144.00	156.30	165.00
99091F5	017	144.50	149.60	144.30	160.60	160.20
99091F5	018	142.10	152.20	157.30	158.10	163.20
99091F5	019	178.90	188.20	186.30	190.20	195.70
99091F5	020	177.60	185.10	180.20	194.60	194.30

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PIONEER 3394
TARGET DOSE : 33.00 %

SEX: FEMALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	-5- 8	-5- 15	-5- 22	-5- 29	-5- 36
ANIMAL						
99091F6 001	26.60	50.00	73.30	95.70	120.90	134.40
99091F6 002	16.80	38.10	63.60	82.00	106.80	114.90
99091F6 003	22.10	49.00	75.60	91.90	110.60	119.50
99091F6 004	22.60	45.70	78.40	93.20	112.60	122.00
99091F6 005	40.40	62.60	93.00	110.00	136.50	165.30
99091F6 006	34.00	68.30	80.00	93.70	117.90	124.00
99091F6 007	40.10	62.50	86.50	110.20	121.40	141.80
99091F6 008	22.60	43.80	60.90	86.30	95.60	102.70
99091F6 009	28.30	55.50	76.30	96.20	113.30	122.00
99091F6 010	20.50	44.20	68.00	84.70	110.60	116.80
99091F6 011	20.50	45.00	63.30	82.60	99.50	107.30
99091F6 012	20.50	38.70	53.20	61.30	82.50	91.00
99091F6 013	29.60	57.50	84.00	103.60	122.00	123.00
99091F6 014	38.70	75.40	95.60	117.00	139.00	148.70
99091F6 015	33.90	67.00	91.40	116.70	129.90	144.60
99091F6 016	32.30	58.90	83.80	103.50	121.50	138.60
99091F6 017	36.60	67.90	95.10	118.40	144.60	166.30
99091F6 018	13.50	38.20	56.70	62.30	78.50	97.40
99091F6 019	19.70	38.70	56.90	69.00	98.20	107.60
99091F6 020	31.00	54.20	74.30	85.80	103.70	115.10

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PIONEER 3394
TARGET DOSE : 33.00 %

SEX: FEMALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	19-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00	9-AUG-00
DAY OF STUDY:	-5- 43	-5- 50	-5- 57	-5- 57	-5- 64	-5- 64
ANIMAL						
99091F6 001	138.80		158.00			165.30
99091F6 002	120.30		141.30			148.50
99091F6 003	128.80	133.50		136.10		144.00
99091F6 004	124.50	132.50		143.70		143.60
99091F6 005	160.20		188.10			190.00
99091F6 006	124.00		141.40			148.30
99091F6 007	148.30	167.30		166.30		175.50
99091F6 008	117.60	121.30		135.50		134.30
99091F6 009	133.50	131.90		146.30		150.10
99091F6 010	121.10	123.10		134.00		134.10
99091F6 011	108.90		131.80			135.70
99091F6 012	98.20	99.30		109.70		118.60
99091F6 013	142.70	155.20		161.40		160.80
99091F6 014	147.90		171.30			165.90
99091F6 015	154.00		169.10			183.00
99091F6 016	144.70		164.30			178.10
99091F6 019	111.60	118.40		132.30	107.60	138.60
99091F6 020	124.20	129.20		139.30		148.10

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PIONEER 3394
TARGET DOSE : 33.00 %

SEX: FEMALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	-5- 71	-5- 78	-5- 85	-5- 92	-5- 98
ANIMAL					
99091F6 001	170.40	180.00	174.50	174.20	185.40
99091F6 002	151.20	159.00	167.10	174.90	175.00
99091F6 003	153.50	160.30	155.10	153.40	165.50
99091F6 004	151.10	156.60	156.90	155.80	158.80
99091F6 005	195.60	193.30	200.70	201.10	213.50
99091F6 006	163.70	171.80	167.70	171.00	182.80
99091F6 007	172.10	190.30	187.70	198.90	203.10
99091F6 008	145.70	140.10	140.80	140.90	149.50
99091F6 009	162.80	162.50	171.10	162.50	169.10
99091F6 010	139.30	141.60	143.30	148.30	143.80
99091F6 011	145.90	152.60	148.10	150.60	157.10
99091F6 012	121.80	115.20	124.40	124.50	124.20
99091F6 013	173.30	175.20	172.20	173.30	182.70
99091F6 014	169.10	188.50	189.40	196.60	203.50
99091F6 015	188.50	195.00	192.40	208.50	206.50
99091F6 016	186.30	187.00	186.50	195.90	199.80
99091F6 017	185.30	183.20	202.60	203.90	209.80
99091F6 018	125.50	122.60	129.10	133.30	133.20
99091F6 019	143.10	145.50	151.50	159.10	156.90
99091F6 020	147.00	151.00	156.30	164.00	157.70

STUDY NUMBER: 99091 CUMULATIVE BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : CROPLAN GENETICS 461
TARGET DOSE : 33.00 %

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	-5- 8	-5- 15	-5- 22	-5- 29	-5- 36
ANIMAL						
99091F7 001	17.40	34.40	58.10	72.40	81.90	93.80
99091F7 002	28.40	55.10	82.10	99.20	114.60	128.60
99091F7 003	22.70	50.10	75.60	96.10	109.30	122.30
99091F7 004	34.60	50.30	77.20	86.50	113.80	125.20
99091F7 005	17.80	42.50	67.70	92.90	114.60	122.50
99091F7 006	35.30	60.90	84.90	101.40	111.60	122.10
99091F7 007	31.00	59.80	82.40	102.40	128.30	137.20
99091F7 008	26.60	46.30	63.80	79.00	100.20	108.00
99091F7 009	28.40	55.40	78.30	93.10	113.90	132.60
99091F7 010	20.60	39.20	59.00	70.50	96.20	104.20
99091F7 011	24.50	42.10	75.50	91.60	101.80	108.20
99091F7 012	32.70	51.30	72.40	96.80	113.70	122.50
99091F7 013	25.00	53.90	77.00	101.70	115.90	128.10
99091F7 014	36.90	59.40	90.30	109.30	109.30	127.60
99091F7 015	27.10	53.30	80.90	95.10	104.40	107.50
99091F7 016	32.10	59.00	84.30	104.60	120.70	141.50
99091F7 017	20.40	51.70	76.10	97.70	118.80	133.60
99091F7 018	25.30	49.90	71.40	83.20	100.40	99.30
99091F7 019	14.90	44.00	59.00	77.10	91.40	99.20
99091F7 020	20.00	48.70	57.50	79.80	83.40	102.60

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CROPLAN GENETICS 461
TARGET DOSE : 33.00 %

SEX: FEMALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	19-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00	9-AUG-00
DAY OF STUDY:	-5- 43	-5- 50	-5- 57	-5- 57	-5- 64	-5- 64
ANIMAL						
99091F7 001	97.60		103.90			124.30
99091F7 002	132.50		141.60			158.80
99091F7 003	128.30	135.00		141.80		148.20
99091F7 004	135.70	145.70		160.60		160.90
99091F7 005	134.40		156.80			169.60
99091F7 006	122.90		141.50			159.90
99091F7 007	152.10	153.40		167.70		175.90
99091F7 008	123.70	139.10		147.90		159.00
99091F7 009	142.70	156.50		160.90		176.20
99091F7 010	107.30	114.00		120.90		129.90
99091F7 011	110.80		129.30			143.30
99091F7 012	126.90	142.20		156.70		168.70
99091F7 013	137.10	159.70		166.70		172.90
99091F7 014	139.30		156.30			162.70
99091F7 015	124.10		140.70			153.50
99091F7 016	142.30		141.90			161.30
99091F7 019	108.00	114.40		113.20	124.90	122.30
99091F7 020	103.70	107.00		116.10		111.40

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CROPLAN GENETICS 461
TARGET DOSE : 33.00 %

SEX: FEMALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	-5- 71	-5- 78	-5- 85	-5- 92	-5- 98
ANIMAL					
99091F7 001	122.00	128.10	123.40	127.60	127.10
99091F7 002	163.80	167.30	168.20	176.00	175.20
99091F7 003	155.10	154.70	153.40	159.00	162.20
99091F7 004	155.10	164.50	168.40	168.50	180.60
99091F7 005	178.80	183.50	193.50	194.80	197.40
99091F7 006	166.90	166.20	160.40	171.30	176.50
99091F7 007	176.30	186.00	182.60	184.20	190.50
99091F7 008	170.90	177.50	177.90	184.60	185.50
99091F7 009	180.00	189.50	187.90	196.50	195.80
99091F7 010	128.20	131.70	135.90	137.20	143.70
99091F7 011	149.70	159.90	158.00	158.10	170.10
99091F7 012	159.60	173.00	177.10	187.50	184.90
99091F7 013	167.10	178.20	173.70	175.70	180.50
99091F7 014	164.00	173.10	167.60	172.90	176.00
99091F7 015	162.10	174.40	174.70	177.00	187.80
99091F7 016	170.00	173.50	167.50	174.00	179.40
99091F7 017	170.70	179.60	184.00	190.20	198.50
99091F7 018	130.40	132.40	135.00	139.40	138.00
99091F7 019	128.60	129.10	125.50	129.30	135.50
99091F7 020	118.30	131.20	132.20	136.90	143.80

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CAMPBELLS 6995
TARGET DOSE : 33.00 %

SEX: FEMALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	-5- 8	-5- 15	-5- 22	-5- 29	-5- 36
ANIMAL						
99091F8 001	16.90	34.90	54.70	65.20	82.80	92.00
99091F8 002	24.70	51.50	74.20	88.20	103.80	117.90
99091F8 003	24.80	46.00	77.10	93.90	110.50	119.30
99091F8 004	13.10	39.20	62.20	71.00	91.50	100.50
99091F8 005	15.60	37.80	46.20	52.90	65.10	77.70
99091F8 006	21.20	48.90	65.70	87.10	95.80	113.20
99091F8 007	43.80	67.50	90.70	112.90	134.30	148.60
99091F8 008	27.90	57.30	73.80	88.00	92.30	93.50
99091F8 009	17.70	41.50	65.10	78.30	94.50	103.80
99091F8 010	32.90	53.40	78.70	98.50	119.10	127.90
99091F8 011	18.40	41.30	70.80	78.90	94.60	99.50
99091F8 012	24.10	46.20	80.00	84.00	107.70	106.70
99091F8 013	29.20	58.90	91.30	105.00	120.00	133.20
99091F8 014	30.40	66.00	94.70	107.90	141.70	170.50
99091F8 015	25.20	48.60	73.20	89.10	104.60	115.80
99091F8 016	31.20	59.10	94.90	113.50	123.30	140.30
99091F8 017	10.80	37.40	63.60	65.20	78.10	92.00
99091F8 018	19.60	49.30	70.50	85.70	98.90	103.50
99091F8 019	37.90	60.60	89.10	100.30	112.30	121.30
99091F8 020	23.30	46.00	60.60	80.10	93.30	100.40

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CAMPBELLS 6995
TARGET DOSE : 33.00 %

SEX: FEMALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	19-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00	9-AUG-00
DAY OF STUDY:	-5- 43	-5- 50	-5- 57	-5- 57	-5- 64	-5- 64
ANIMAL						
99091F8 001	93.90		107.30			117.30
99091F8 002	126.80		139.90			149.30
99091F8 003	132.40	145.80		151.10		161.50
99091F8 004	107.20	115.10		128.20		137.50
99091F8 005	77.70		90.50			102.00
99091F8 006	110.40		123.50			127.70
99091F8 007	148.50	159.90		157.60		174.00
99091F8 008	95.10	106.10		112.20		111.50
99091F8 009	105.30	119.20		118.70		128.50
99091F8 010	131.80	150.60		156.00		163.70
99091F8 011	109.70		128.50			128.60
99091F8 012	125.50	136.60		138.50		150.70
99091F8 013	142.60	150.10		151.40		163.40
99091F8 014	190.80		196.60			182.10
99091F8 015	112.50		119.70			135.10
99091F8 016	148.40		163.20			175.00
99091F8 019	132.40	138.10		142.80	128.30	148.60
99091F8 020	108.40	121.10		126.60		131.20

STUDY NUMBER: 99091 CUMULATIVE BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : CAMPBELLS 6995
TARGET DOSE : 33.00 %

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	-5- 71	-5- 78	-5- 85	-5- 92	-5- 98
ANIMAL					
99091F8 001	119.60	119.70	125.20	130.80	127.60
99091F8 002	161.70	171.20	170.50	171.40	182.10
99091F8 003	168.70	175.20	176.60	174.70	183.30
99091F8 004	143.50	153.00	154.80	157.10	164.50
99091F8 005	104.50	106.20	105.60	107.30	114.60
99091F8 006	133.30	140.40	143.80	144.70	148.60
99091F8 007	169.60	170.80	176.30	181.60	185.40
99091F8 008	121.20	121.60	130.90	135.80	135.90
99091F8 009	131.30	135.10	131.70	137.40	139.00
99091F8 010	162.00	171.20	173.50	173.60	176.50
99091F8 011	139.30	142.30	140.10	144.20	150.30
99091F8 012	155.90	161.40	157.30	170.50	177.40
99091F8 013	169.50	172.40	169.10	175.00	181.00
99091F8 014	177.30	174.30	163.50	164.10	171.40
99091F8 015	134.40	141.70	143.20	142.20	146.00
99091F8 016	181.90	187.30	202.40	206.20	217.10
99091F8 017	116.40	117.50	115.60	125.80	128.10
99091F8 018	140.00	149.50	147.40	150.10	159.40
99091F8 019	153.20	152.10	150.30	159.00	156.90
99091F8 020	124.40	134.50	136.40	139.40	141.50

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : DK 539
TARGET DOSE : 33.00 %

SEX: FEMALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	-5- 8	-5- 15	-5- 22	-5- 29	-5- 36
ANIMAL						
99091F9 001	16.90	41.70	59.20	80.60	101.70	103.80
99091F9 002	26.80	48.70	72.30	86.50	96.30	112.00
99091F9 003	31.80	54.70	84.50	99.10	116.80	132.30
99091F9 004	26.10	52.40	79.30	93.80	101.30	114.00
99091F9 005	27.40	54.70	77.10	96.10	101.10	117.20
99091F9 006	23.60	44.10	67.00	86.20	94.80	98.00
99091F9 007	27.70	54.00	76.00	97.00	113.70	120.50
99091F9 008	34.80	57.80	83.40	96.80	111.50	121.20
99091F9 009	24.30	52.10	79.50	88.20	99.80	118.60
99091F9 010	33.60	55.40	70.80	99.10	115.60	125.60
99091F9 011	16.00	48.90	82.60	104.70	117.90	132.60
99091F9 012	22.70	54.20	93.30	112.80	128.20	139.70
99091F9 013	25.10	55.80	74.70	90.30	109.70	116.80
99091F9 014	35.60	65.00	99.70	122.80	135.60	141.50
99091F9 015	34.30	60.70	88.50	98.50	126.00	130.60
99091F9 016	34.20	70.30	92.30	122.50	126.90	143.30
99091F9 017	28.40	56.70	64.70	86.60	101.60	116.60
99091F9 018	21.70	46.10	70.60	87.20	105.30	112.40
99091F9 019	24.80	43.00	68.70	80.90	95.70	98.60
99091F9 020	31.00	64.30	102.00	120.80	129.10	147.10

STUDY NUMBER: 99091 CUMULATIVE BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : DK 539
TARGET DOSE : 33.00 %

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	19-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00	9-AUG-00
DAY OF STUDY:	-5- 43	-5- 50	-5- 57	-5- 57	-5- 64	-5- 64
ANIMAL						
99091F9 001	113.20		114.10			127.20
99091F9 002	116.90		122.60			140.40
99091F9 003	141.90	146.10		160.10		167.30
99091F9 004	123.90	130.20		132.70		143.30
99091F9 005	134.20		135.60			155.60
99091F9 006	109.40		127.30			131.70
99091F9 007	123.20	130.70		141.00		148.30
99091F9 008	136.50	137.80		138.30		149.10
99091F9 009	125.90	133.80		146.40		158.70
99091F9 010	133.30	144.20		157.30		163.20
99091F9 011	141.60		147.40			161.80
99091F9 012	151.20	160.90		170.90		183.00
99091F9 013	122.40	128.40		125.10		137.30
99091F9 014	150.30		167.70			173.00
99091F9 015	132.70		159.20			166.40
99091F9 016	146.60		159.70			170.00
99091F9 019	110.30	123.60		122.10	147.60	124.50
99091F9 020	157.00	162.10		165.30		178.30

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : DK 539
TARGET DOSE : 33.00 %

SEX: FEMALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	-5- 71	-5- 78	-5- 85	-5- 92	-5- 98
ANIMAL					
99091F9 001	117.40	127.30	129.20	136.30	142.50
99091F9 002	147.80	150.80	149.20	151.70	151.50
99091F9 003	170.00	178.30	174.30	176.30	185.50
99091F9 004	149.90	151.80	153.90	160.30	164.00
99091F9 005	164.00	164.60	159.00	169.10	172.30
99091F9 006	133.00	138.90	145.10	155.30	157.00
99091F9 007	150.60	154.80	154.30	154.90	158.20
99091F9 008	150.60	152.20	143.70	152.20	156.20
99091F9 009	157.10	167.30	168.70	173.30	179.70
99091F9 010	167.60	179.10	184.70	187.60	191.70
99091F9 011	167.00	172.00	172.10	179.50	178.80
99091F9 012	192.50	198.80	208.30	214.70	220.60
99091F9 013	139.80	144.40	133.60	141.80	143.00
99091F9 014	184.10	195.40	196.30	191.40	202.00
99091F9 015	176.20	182.50	180.60	181.40	191.10
99091F9 016	178.60	177.00	187.40	186.10	195.20
99091F9 017	149.60	146.60	157.00	161.20	157.00
99091F9 018	148.10	156.80	151.50	156.80	157.10
99091F9 019	131.00	140.30	142.50	141.40	152.60
99091F9 020	181.00	185.50	187.30	190.10	196.10

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : DK 537
TARGET DOSE : 33.00 %

SEX: FEMALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	7-JUN-00	14-JUN-00	21-JUN-00	28-JUN-00	5-JUL-00	12-JUL-00
DAY OF STUDY:	-5- 1	-5- 8	-5- 15	-5- 22	-5- 29	-5- 36
ANIMAL						
99091F10 001	19.30	51.40	75.10	92.60	122.30	140.60
99091F10 002	19.40	37.50	70.20	79.20	96.60	116.20
99091F10 003	25.00	62.80	82.40	110.40	136.70	130.80
99091F10 004	26.80	55.60	76.60	95.90	115.40	121.80
99091F10 005	27.20	59.40	78.50	94.10	113.10	124.10
99091F10 006	30.80	60.50	85.20	109.40	130.40	140.30
99091F10 007	33.40	64.00	90.30	119.60	140.60	153.20
99091F10 008	28.00	61.80	89.20	118.90	138.90	160.80
99091F10 009	27.90	63.30	91.20	111.10	126.40	147.40
99091F10 010	25.40	47.10	70.40	90.80	106.80	113.30
99091F10 011	20.40	43.90	64.30	86.10	97.00	104.40
99091F10 012	28.10	63.70	100.40	122.50	142.80	161.80
99091F10 013	29.90	61.70	88.30	110.10	120.90	139.80
99091F10 014	33.60	59.50	88.90	103.30	112.20	132.10
99091F10 015	31.80	64.30	101.30	118.70	133.60	138.80
99091F10 016	32.70	70.10	92.90	121.50	139.00	152.20
99091F10 017	32.60	67.10	77.90	107.80	127.40	136.10
99091F10 018	22.30	45.70	72.30	71.10	92.00	102.60
99091F10 019	16.20	37.30	63.60	74.20	87.30	102.50
99091F10 020	30.40	68.70	85.70	112.20	132.00	138.10

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

CUMULATIVE BODY WEIGHT CHANGES (GM)

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY

REPORT PRINT DATE: 8-JUN-2001
STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : DK 537
TARGET DOSE : 33.00 %

SEX: FEMALE

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	19-JUL-00	26-JUL-00	2-AUG-00	2-AUG-00	9-AUG-00	9-AUG-00
DAY OF STUDY:	-5- 43	-5- 50	-5- 57	-5- 57	-5- 64	-5- 64
ANIMAL						
99091F10 001	126.50		134.40			138.40
99091F10 002	110.50		130.40			139.50
99091F10 003	150.60	157.30		150.50		155.50
99091F10 004	132.90	143.70		146.60		155.90
99091F10 005	127.60		139.40			151.20
99091F10 006	154.60		175.90			172.70
99091F10 007	164.20	178.20		189.70		194.20
99091F10 008	168.50	174.60		182.10		194.00
99091F10 009	161.20	168.20		177.80		186.50
99091F10 010	123.60	136.80		144.70		151.50
99091F10 011	101.90		118.40			126.60
99091F10 012	161.00	159.30		163.30		178.00
99091F10 013	149.20	165.40		170.90		170.40
99091F10 014	142.40		147.90			160.80
99091F10 015	148.80		162.20			168.50
99091F10 016	147.80		173.40			184.90
99091F10 019	112.00	119.50		119.50	120.80	127.00
99091F10 020	149.00	145.20		157.30		162.00

STUDY NUMBER: 99091 CUMULATIVE BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 8-JUN-2001
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : DK 537
TARGET DOSE : 33.00 %

FROM DATE:	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00	1-JUN-00
TO DATE:	16-AUG-00	23-AUG-00	30-AUG-00	6-SEP-00	12-SEP-00
DAY OF STUDY:	-5- 71	-5- 78	-5- 85	-5- 92	-5- 98
ANIMAL					
99091F10 001	138.50	149.60	143.50	143.20	151.50
99091F10 002	144.20	152.70	165.50	164.10	163.60
99091F10 003	160.70	177.50	187.10	171.90	168.20
99091F10 004	153.30	161.00	162.40	170.00	167.60
99091F10 005	152.40	154.90	159.70	160.60	161.80
99091F10 006	187.90	196.60	204.70	214.20	215.40
99091F10 007	204.10	218.60	218.50	218.90	229.60
99091F10 008	196.00	198.90	201.40	207.40	206.50
99091F10 009	194.60	199.00	201.30	206.60	208.30
99091F10 010	149.00	161.00	169.50	168.70	177.00
99091F10 011	121.60	131.50	134.20	133.40	137.70
99091F10 012	169.10	186.10	205.60	205.10	201.50
99091F10 013	185.00	186.50	186.50	195.40	204.80
99091F10 014	164.50	167.00	168.90	178.40	178.50
99091F10 015	177.00	187.20	188.10	187.70	195.70
99091F10 016	183.40	197.00	200.00	201.60	203.70
99091F10 017	173.90	176.80	184.70	187.30	187.00
99091F10 018	121.00	124.40	136.90	135.60	135.20
99091F10 019	133.70	133.10	130.20	138.30	143.00
99091F10 020	159.80	175.80	176.50	181.20	181.50

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : NK 603-L
TARGET DOSE : 11.00 %

SEX: MALE

DATES FROM-TO:		7JUN- 8JUN		8JUN- 9JUN		9JUN-10JUN		10JUN-14JUN		14JUN-15JUN		15JUN-16JUN		16JUN-17JUN	
DAY FROM-TO:		1-2		2-3		3-4		4-8		8-9		9-10		10-11	
ANIMAL		GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091M1	001	27	27.0	29	28.9	30	29.6	116	29.0	35	34.6	31	30.6	32	31.9
99091M1	002	25	24.5	26	26.3	27	27.2	107	26.8	28	28.4	26	25.7	28	28.2
99091M1	003	24	23.8	25	25.1	25	24.8	102	25.4	26	26.3	28	27.5	27	27.3
99091M1	004	24	24.0	24	24.4	26	25.8	101	25.3	28	27.8	28	28.4	28	28.1
99091M1	005	28	27.7	27	27.3	28	27.5	114	28.6	32	31.5	31	31.4	34	33.7
99091M1	006	26	25.5	24	23.7	27	27.2	114	28.4	29	29.3	31	31.2	32	31.7
99091M1	007	25	24.9	27	26.5	26	26.4	115	28.8	30	29.6	30	29.5	29	28.8
99091M1	008	22	21.8	21	21.4	22	22.2	92	22.9	22	21.9	24	24.4	26	25.7
99091M1	009	24	23.9	26	25.5	24	23.5	103	25.8	25	24.7	26	26.4	26	25.6
99091M1	010	21	21.0	26	25.8	24	23.5	106	26.5	29	28.6	30	30.0	32	32.1
99091M1	011	22	22.1	23	22.8	24	23.5	95	23.8	27	26.8	26	26.4	25	24.8
99091M1	012	25	25.4	26	25.8	26	26.4	105	26.3	31	30.5	28	27.9	27	26.7
99091M1	013	27	26.8	25	24.7	26	26.2	116	29.0	30	29.6	29	28.6	34	33.8
99091M1	014	24	23.6	24	24.4	24	24.2	105	26.1	26	25.7	26	26.2	28	27.5
99091M1	015	25	24.9	25	25.2	24	24.3	103	25.7	27	26.9	28	27.8	26	26.0
99091M1	016	27	27.2	28	27.6	28	28.3	112	27.9	30	29.5	29	28.9	31	31.1
99091M1	017	26	26.0	25	25.1	24	24.0	101	25.2	26	25.8	26	25.7	26	26.4
99091M1	018	25	25.2	24	24.4	26	25.7	105	26.2	29	28.6	28	27.8	27	27.1
99091M1	019	27	26.5	28	28.2	28	28.3	113	28.4	29	29.0	29	29.1	28	28.4
99091M1	020	25	25.2	26	25.6	27	27.0	111	27.7	27	27.4	30	29.7	30	29.7

STUDY NUMBER: 99091 INDIVIDUAL FOOD CONSUMPTION DATA
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : NK 603-L
TARGET DOSE : 11.00 %

DATES FROM-TO:		17JUN-21JUN		21JUN-28JUN		28JUN- 5JUL		5JUL-12JUL		12JUL-19JUL		19JUL-26JUL		26JUL- 2AUG	
DAY FROM-TO:		11-15		15-22		22-29		29-36		36-43		43-50		50-57	
ANIMAL		GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091M1	001	126	31.5	226	32.3		B		A		A			266	38.1
99091M1	002			204	29.2	215	30.8	221	31.6		A			211	30.2
99091M1	003	111	27.6	200	28.5	205	29.2	202	28.9	205	29.3	202	28.9	201	28.7
99091M1	004	108	27.1	192	27.4	197	28.1	200	28.6	201	28.6	194	27.7	194	27.7
99091M1	005	119	29.8	214	30.5	220	31.4		A		A			220	31.4
99091M1	006	122	30.4	218	31.1		B	229	32.7		A			233	33.3
99091M1	007	123	30.8	216	30.9	236	33.8		A	251	35.8	246	35.2	244	34.8
99091M1	008	106	26.5	185	26.5	201	28.7	203	29.0	205	29.3	206	29.5	202	28.8
99091M1	009	107	26.7	193	27.6	210	30.0	208	29.7	216	30.9	206	29.5	209	29.8
99091M1	010	120	30.0	219	31.3	216	30.8	211	30.2	198	28.3	208	29.7	212	30.3
99091M1	011		A	192	27.5	192	27.5	193	27.6		A			199	28.4
99091M1	012		A	195	27.9	204	29.2	201	28.7	203	29.0	213	30.4	203	28.9
99091M1	013	131	32.8		B		B		A		B	280	40.0	263	37.6
99091M1	014	111	27.8	204	29.2	209	29.8	204	29.1		A			184	26.3
99091M1	015	111	27.6	198	28.3	206	29.5	202	28.9		A			205	29.3
99091M1	016	122	30.4	224	32.0	221	31.6		A		A			221	31.6
99091M1	017	105	26.1	187	26.7	196	27.9	195	27.9	187	26.7				
99091M1	018		A	208	29.7	208	29.8	215	30.7	223	31.9				
99091M1	019	126	31.4	214	30.6	225	32.2		A	230	32.8	221	31.6	218	31.2
99091M1	020	121	30.3	208	29.7	213	30.4	208	29.7	216	30.8	203	28.9	214	30.6

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : NK 603-L
TARGET DOSE : 11.00 %

SEX: MALE

DATES FROM-TO:		2AUG- 9AUG		9AUG-16AUG		16AUG-23AUG		23AUG-30AUG		30AUG- 6SEP		6SEP-12SEP	
DAY FROM-TO:		57-64		64-71		71-78		78-85		85-92		92-98	
ANIMAL		GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091M1	001	238	34.0	244	34.8	248	35.4	254	36.3	237	33.9	206	34.3
99091M1	002	207	29.5	195	27.9	203	28.9	207	29.5	199	28.5	167	27.9
99091M1	003	203	29.0	201	28.7	196	28.0	201	28.7	207	29.5	169	28.2
99091M1	004	187	26.7	192	27.4	193	27.5	198	28.3	189	27.0	163	27.2
99091M1	005	216	30.9	214	30.6	206	29.5	214	30.6	219	31.2	178	29.7
99091M1	006	237	33.8	230	32.9	222	31.7	220	31.5	225	32.2	186	30.9
99091M1	007	241	34.4	241	34.4	240	34.3	231	33.0	239	34.2	207	34.5
99091M1	008	212	30.3	211	30.2	214	30.5	220	31.4	221	31.5	176	29.4
99091M1	009	208	29.7	210	30.0	211	30.1	217	30.9	213	30.4	174	29.0
99091M1	010	211	30.1	206	29.4	204	29.2	208	29.7	211	30.1	178	29.6
99091M1	011	206	29.4	195	27.8	194	27.7	196	28.0	197	28.1	162	27.0
99091M1	012	203	29.0	198	28.2	200	28.6	206	29.4	200	28.5	164	27.4
99091M1	013	281	40.2	285	40.7	279	39.9	219	31.3	223	31.9	188	31.4
99091M1	014	201	28.7	193	27.5	187	26.7	195	27.8	200	28.5	157	26.2
99091M1	015	209	29.8	204	29.1	204	29.1	197	28.2	206	29.4	168	27.9
99091M1	016	224	31.9	218	31.1	217	31.0	214	30.6	221	31.6	179	29.9
99091M1	017	190	27.2	191	27.3	202	28.8	198	28.3	198	28.3	160	26.6
99091M1	018	223	31.9	216	30.8	217	30.9	213	30.4	214	30.6	170	28.3
99091M1	019	225	32.1	224	32.0	214	30.5	190	27.2	217	31.0	177	29.5
99091M1	020	217	31.0	217	30.9	223	31.9	218	31.2	226	32.3	184	30.7

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : NK 603-H
TARGET DOSE : 33.00 %

SEX: MALE

DATES FROM-TO:	7JUN- 8JUN		8JUN- 9JUN		9JUN-10JUN		10JUN-14JUN		14JUN-15JUN		15JUN-16JUN		16JUN-17JUN	
DAY FROM-TO:	1-2		2-3		3-4		4-8		8-9		9-10		10-11	
ANIMAL	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091M2 001	22	22.4	25	24.5	24	23.8	96	24.1	24	23.9	26	25.6	26	25.6
99091M2 002	19	19.3	23	23.4	24	24.4	93	23.3	27	26.9	26	25.6	26	26.0
99091M2 003	25	25.0	26	26.2	26	26.0	101	25.2	28	27.9	28	27.6	29	29.0
99091M2 004	25	24.5	26	26.0	26	25.7	106	26.4	29	29.1	28	28.4	29	29.1
99091M2 005	27	26.9	26	25.8	28	27.5	111	27.8	28	28.3	27	26.7	29	28.7
99091M2 006	24	24.0	26	25.9	26	25.6	105	26.2	28	28.1	26	25.8	30	30.1
99091M2 007	24	24.4	29	29.2	28	27.5	115	28.7	28	27.5	30	30.1	31	31.2
99091M2 008	26	25.8	27	26.8	28	28.2	114	28.5	30	30.0	28	27.8	31	30.6
99091M2 009	27	27.2	28	27.5	27	27.2	117	29.2	28	28.3	27	26.7	27	26.5
99091M2 010	29	28.7	28	28.4	30	29.9	117	29.2	31	30.8	32	32.0	32	32.2
99091M2 011	24	24.4	23	23.2	24	24.3	99	24.8	25	25.1	26	26.1	26	25.6
99091M2 012	27	27.1	30	29.6	29	28.8	116	29.1	32	31.8	35	34.6	32	31.7
99091M2 013	25	25.3	26	25.6	26	26.2	104	26.0	29	28.6	29	28.5	30	30.3
99091M2 014	23	22.7	26	25.9	24	24.4	106	26.4	29	28.5	27	26.7	28	28.0
99091M2 015	30	29.8	30	30.0	32	32.0	138	34.4	40	40.1	33	33.0	39	38.8
99091M2 016	23	23.1	26	25.5	27	27.1	103	25.7	27	26.5	29	28.9	27	26.7
99091M2 017	23	23.4	25	24.9	22	22.4	102	25.4	25	25.3	28	27.5	28	28.0
99091M2 018	22	22.3	25	24.7	23	23.0	99	24.8	22	22.0	25	24.8	26	25.7
99091M2 019	26	26.1	28	27.8	27	27.3	111	27.6	29	29.2	26	26.2	28	28.2
99091M2 020	27	27.4	29	28.5	30	30.0	135	33.8	30	29.8	28	27.8	46	45.5

STUDY NUMBER: 99091 INDIVIDUAL FOOD CONSUMPTION DATA
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : NK 603-H
TARGET DOSE : 33.00 %

DATES FROM-TO:	17JUN-21JUN		21JUN-28JUN		28JUN- 5JUL		5JUL-12JUL		12JUL-19JUL		19JUL-26JUL		26JUL- 2AUG	
DAY FROM-TO:	11-15		15-22		22-29		29-36		36-43		43-50		50-57	
ANIMAL	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091M2 001	105	26.4	185	26.5	191	27.2	187	26.8		A			191	27.3
99091M2 002	106	26.4	183	26.1	182	25.9	180	25.7		A			181	25.8
99091M2 003	116	29.0	204	29.2	216	30.8	203	29.0	217	31.0	215	30.7	209	29.9
99091M2 004	118	29.4	209	29.8	217	30.9	207	29.6	219	31.3	194	27.7	195	27.8
99091M2 005	120	30.0	219	31.2		B		A		A			232	33.2
99091M2 006	117	29.2	210	30.0	214	30.6	214	30.6		A			217	31.0
99091M2 007	120	30.1	222	31.7	225	32.2	224	32.0	222	31.7	218	31.1	216	30.9
99091M2 008	124	31.0	212	30.2	223	31.8	215	30.6	221	31.6	225	32.1	215	30.7
99091M2 009	116	29.1	216	30.8	222	31.7	220	31.5	223	31.9	234	33.5	230	32.9
99091M2 010	132	32.9		B		A		A		B	266	38.0	259	37.1
99091M2 011	108	26.9	200	28.5	198	28.2	194	27.6		A			192	27.5
99091M2 012	135	33.8	240	34.2		B		A	245	35.0	238	34.0	219	31.3
99091M2 013	116	29.0	210	30.0	204	29.1	207	29.6	207	29.6	204	29.2	202	28.8
99091M2 014	106	26.5	217	31.0	225	32.1	215	30.7		A			232	33.2
99091M2 015	152	37.9		B		A		A		A				B
99091M2 016	108	27.1	198	28.2	198	28.3	196	28.1		A			202	28.8
99091M2 017	112	28.0	199	28.4	201	28.7	206	29.5	215	30.7				
99091M2 018	110	27.6	199	28.5	198	28.2	203	29.0	208	29.7				
99091M2 019	112	28.0	213	30.4		B		A	229	32.7	196	28.0	218	31.2
99091M2 020	117	29.3		B		B		A	272	38.9	266	38.0	242	34.5

STUDY NUMBER: 99091 INDIVIDUAL FOOD CONSUMPTION DATA
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : NK 603-H
TARGET DOSE : 33.00 %

DATES FROM-TO:	2AUG- 9AUG		9AUG-16AUG		16AUG-23AUG		23AUG-30AUG		30AUG- 6SEP		6SEP-12SEP	
DAY FROM-TO:	57-64		64-71		71-78		78-85		85-92		92-98	
ANIMAL	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091M2 001	189	27.1	188	26.8	192	27.4	200	28.5	195	27.9	156	26.1
99091M2 002	184	26.3	173	24.8	182	26.0	178	25.5	185	26.4	148	24.7
99091M2 003	217	31.1	213	30.4	214	30.6	216	30.9	222	31.7	172	28.6
99091M2 004	205	29.2	181	25.9	201	28.7	201	28.7	200	28.6	165	27.5
99091M2 005	226	32.2	221	31.5	216	30.9	213	30.4	216	30.9	183	30.6
99091M2 006	224	31.9	218	31.2	228	32.6	215	30.7	231	32.9	180	30.1
99091M2 007	219	31.3	224	32.0	220	31.4	217	31.0	219	31.3	179	29.8
99091M2 008	223	31.9	218	31.1	222	31.7	224	31.9	221	31.5	184	30.7
99091M2 009	222	31.7	223	31.9	227	32.4	218	31.1	222	31.7	179	29.8
99091M2 010	252	36.0	243	34.8	245	35.0	245	35.1	244	34.9	199	33.2
99091M2 011	195	27.9	191	27.2	193	27.5	191	27.3	198	28.3	146	24.3
99091M2 012	229	32.7	225	32.1	222	31.7	220	31.4	222	31.7	181	30.2
99091M2 013	206	29.4	205	29.2	200	28.5						
99091M2 014	236	33.7	230	32.9	231	33.0	222	31.6	225	32.1	184	30.7
99091M2 015	298	42.6	B		B		304	43.5	301	43.1	256	42.7
99091M2 016	200	28.6	198	28.3	210	30.0	194	27.7	204	29.1	167	27.8
99091M2 017	216	30.8	198	28.3	205	29.2	202	28.9	203	28.9	163	27.2
99091M2 018	208	29.7	208	29.8	207	29.6	209	29.9	213	30.4	174	29.0
99091M2 019	233	33.2	229	32.7	243	34.7	228	32.5	234	33.4	192	32.0
99091M2 020	248	35.4	254	36.2	247	35.3	254	36.2	251	35.9	215	35.8

STUDY NUMBER: 99091 INDIVIDUAL FOOD CONSUMPTION DATA
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : PARENT-L
TARGET DOSE : 11.00 %

DATES FROM-TO:	7JUN- 8JUN		8JUN- 9JUN		9JUN-10JUN		10JUN-14JUN		14JUN-15JUN		15JUN-16JUN		16JUN-17JUN	
DAY FROM-TO:	1-2		2-3		3-4		4-8		8-9		9-10		10-11	
ANIMAL	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091M3 001	24	23.9	24	24.1	25	24.5	100	24.9	25	25.2	24	24.4	27	26.6
99091M3 002	27	26.9	27	27.0	29	28.6	116	29.0	28	28.1	29	29.1	28	27.8
99091M3 003	22	22.2	24	24.3	22	21.7	95	23.8	22	21.6	26	25.7	24	23.8
99091M3 004	23	23.2	25	24.5	24	23.6	94	23.5	24	24.1	25	25.2	25	25.1
99091M3 005	25	24.9	25	25.0	26	25.6	106	26.6	30	30.1	26	25.8	29	29.1
99091M3 006	22	22.0	23	22.8	23	23.4	99	24.8	25	24.7	25	24.5	25	24.8
99091M3 007	23	23.2	26	25.9	23	23.4	92	22.9	26	26.4	25	25.3	27	27.3
99091M3 008	24	24.2	26	25.8	26	25.5	105	26.3	26	26.2	27	27.0	28	27.5
99091M3 009	23	23.3	27	26.5	26	25.8	111	27.6	29	29.1	28	27.7	27	27.1
99091M3 010	24	23.8	20	20.2	22	22.1	99	24.8	27	27.0	28	28.1	28	28.2
99091M3 011	23	23.4	27	26.7	24	24.4	107	26.7	27	27.0	29	28.7	31	30.7
99091M3 012	28	28.1	30	29.6	31	30.6	130	32.5	35	34.5	33	32.7	34	33.9
99091M3 013	25	25.3	28	27.9	26	25.6	104	26.1	25	24.9	26	25.8	28	27.6
99091M3 014	22	22.4	27	26.8	28	27.6	107	26.8	27	26.9	26	26.2	28	28.2
99091M3 015	25	25.4	27	26.9	28	27.7	113	28.2	29	29.2	28	28.4	29	28.6
99091M3 016	25	24.6	25	25.2	25	24.8	103	25.6	27	27.0	26	25.8	25	24.8
99091M3 017	24	24.4	26	25.8	24	24.3	105	26.1	27	26.6	28	28.2	27	27.3
99091M3 018	25	25.2	27	26.6	27	27.2	111	27.7	30	29.6	29	29.2	27	27.0
99091M3 019	27	26.5	27	27.2	26	26.3	115	28.6	30	29.8	29	28.5	29	29.3
99091M3 020	26	25.5	26	26.2	26	26.1	106	26.4	23	22.8	28	28.1	32	32.4

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PARENT-L
TARGET DOSE : 11.00 %

SEX: MALE

DATES FROM-TO:		17JUN-21JUN		21JUN-28JUN		28JUN- 5JUL		5JUL-12JUL		12JUL-19JUL		19JUL-26JUL		26JUL- 2AUG	
DAY FROM-TO:		11-15		15-22		22-29		29-36		36-43		43-50		50-57	
ANIMAL		GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091M3	001	103	25.8	183	26.2	193	27.5	183	26.2		A			186	26.6
99091M3	002	120	30.1	218	31.2	224	32.1		A		A			237	33.8
99091M3	003	104	26.1	182	25.9	184	26.2	177	25.3	181	25.8	181	25.8	191	27.3
99091M3	004	98	24.6	182	25.9	200	28.6	199	28.4	193	27.6	190	27.2	189	26.9
99091M3	005	117	29.1	211	30.1	216	30.9	211	30.2		A			214	30.6
99091M3	006	118	29.4	193	27.5	211	30.1	208	29.7		A			211	30.2
99091M3	007	107	26.7	190	27.2	201	28.7	199	28.5	206	29.4	206	29.4	203	29.1
99091M3	008	112	27.9	196	28.0	209	29.9	214	30.5	220	31.5	216	30.8	218	31.1
99091M3	009	118	29.6	230	32.8		A		A	235	33.6	229	32.7	222	31.6
99091M3	010		A	219	31.3		B	223	31.9	217	31.0	211	30.1	199	28.5
99091M3	011	116	28.9	204	29.1	216	30.9	210	30.0		A			206	29.4
99091M3	012				B		B		A		B	287	41.0	277	39.6
99091M3	013	112	28.1	197	28.2	202	28.9	195	27.9	191	27.3	193	27.6	190	27.2
99091M3	014	114	28.5	207	29.6		B		A		A			235	33.6
99091M3	015	115	28.8	202	28.8	210	30.0	210	30.0		A			225	32.1
99091M3	016	111	27.7	206	29.5	197	28.1	196	28.0		A			200	28.6
99091M3	017	117	29.2	300	42.8	218	31.1	217	31.0	231	33.0				
99091M3	018	120	29.9	219	31.3		B	228	32.5	220	31.5				
99091M3	019	117	29.3	213	30.4	212	30.3	197	28.2	210	29.9	206	29.4	215	30.7
99091M3	020	120	29.9	212	30.2	207	29.5	209	29.9	212	30.3	206	29.4	199	28.4

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PARENT-L
TARGET DOSE : 11.00 %

SEX: MALE

DATES FROM-TO:		2AUG- 9AUG		9AUG-16AUG		16AUG-23AUG		23AUG-30AUG		30AUG- 6SEP		6SEP-12SEP	
DAY FROM-TO:		57-64		64-71		71-78		78-85		85-92		92-98	
ANIMAL		GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091M3	001	181	25.9	185	26.5	178	25.5	188	26.8	184	26.3	149	24.8
99091M3	002	210	30.0	232	33.1	225	32.2	229	32.6	230	32.8	186	31.0
99091M3	003	182	25.9	184	26.3	176	25.2	180	25.6	179	25.6	150	25.1
99091M3	004	186	26.6	182	26.0	180	25.8	181	25.8	173	24.7	142	23.6
99091M3	005	218	31.2	214	30.6	212	30.2	208	29.7	212	30.3	174	28.9
99091M3	006	206	29.5	202	28.9	194	27.7	202	28.9	201	28.7	151	25.1
99091M3	007	203	29.0	193	27.5	201	28.7	206	29.4	204	29.2	164	27.4
99091M3	008	221	31.6	223	31.9	217	31.0	222	31.7	224	31.9	187	31.2
99091M3	009	237	33.8	235	33.6	226	32.2	224	32.0	227	32.5	189	31.6
99091M3	010	210	30.0	210	30.0	211	30.2	201	28.8	207	29.5	169	28.2
99091M3	011	202	28.8	208	29.7	198	28.2	209	29.8	209	29.8	164	27.4
99091M3	012	273	39.0	269	38.5	269	38.4	274	39.2	277	39.6	231	38.5
99091M3	013	195	27.9	189	26.9	184	26.3	202	28.9	183	26.1	146	24.3
99091M3	014	229	32.7	222	31.6	224	32.0	218	31.2	217	31.0	181	30.1
99091M3	015	214	30.6	218	31.1	213	30.4	217	30.9	210	30.0	173	28.8
99091M3	016	193	27.5	193	27.5	186	26.6	188	26.8	184	26.3	154	25.6
99091M3	017	225	32.1	216	30.9	209	29.9	209	29.9	212	30.2	165	27.5
99091M3	018	221	31.6	209	29.9	207	29.6	204	29.1	214	30.6	163	27.1
99091M3	019	214	30.5	205	29.3	206	29.4	203	29.0	206	29.4	166	27.7
99091M3	020	209	29.8	216	30.8	213	30.4	215	30.7	222	31.6	178	29.7

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PARENT-H
TARGET DOSE : 33.00 %

SEX: MALE

DATES FROM-TO:	7JUN- 8JUN		8JUN- 9JUN		9JUN-10JUN		10JUN-14JUN		14JUN-15JUN		15JUN-16JUN		16JUN-17JUN	
DAY FROM-TO:	1-2		2-3		3-4		4-8		8-9		9-10		10-11	
ANIMAL	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091M4 001	25	24.5	25	25.4	26	26.0	101	25.1	24	23.5	27	27.3	29	28.7
99091M4 002	25	25.0	25	25.0	28	27.7	113	28.3	29	29.4	30	29.7	30	29.5
99091M4 003	25	25.1	26	26.1	27	26.8	105	26.2	24	23.9	30	29.7	25	24.6
99091M4 004	24	24.2	25	25.2	24	24.4	103	25.6	27	27.4	27	26.7	27	27.0
99091M4 005	23	23.2	25	24.8	24	23.8	105	26.1	26	26.1	25	24.6	29	28.8
99091M4 006	22	22.4	23	23.3	25	25.0	97	24.2	24	24.4	25	24.8	28	28.0
99091M4 007	23	23.1	24	23.5	25	24.6	98	24.6	25	25.4	26	26.3	29	29.0
99091M4 008	27	27.2	27	26.5	25	25.3	109	27.2	28	28.2	29	28.5	30	30.4
99091M4 009	29	28.6	29	28.5	32	32.2	121	30.3	29	28.8	28	28.3	30	30.5
99091M4 010	26	26.4	28	28.0	29	29.0	123	30.8	31	30.7	32	32.1	34	33.8
99091M4 011	22	21.9	23	22.6	24	24.3	96	24.0	24	23.8	25	25.4	28	27.8
99091M4 012	24	23.7	27	26.5	24	24.4	110	27.6	27	27.2	27	26.7	33	33.2
99091M4 013	26	26.0	28	27.5	29	29.3	114	28.4	29	29.2	28	27.9	28	28.3
99091M4 014	22	22.4	24	23.5	24	23.6	100	25.1	25	24.8	26	25.6	25	25.0
99091M4 015	27	26.5	26	26.2	28	28.4	112	28.0	29	29.0	29	28.6	28	28.1
99091M4 016	22	21.8	26	26.0	27	26.5	103	25.7	26	25.5	27	26.6	28	27.8
99091M4 017	25	24.6	25	25.4	26	25.7	105	26.2	26	25.8	27	26.7	28	28.3
99091M4 018	25	24.7	26	26.0	24	24.1	100	25.1	27	26.6	27	27.0	27	26.7
99091M4 019	26	25.6	27	27.2	27	26.8	108	27.0	23	23.4	31	30.7	27	26.5
99091M4 020	24	23.7	24	23.6	25	25.1	98	24.5	25	25.2	27	26.8	27	26.5

STUDY NUMBER: 99091 INDIVIDUAL FOOD CONSUMPTION DATA
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : PARENT-H
TARGET DOSE : 33.00 %

DATES FROM-TO:	17JUN-21JUN		21JUN-28JUN		28JUN- 5JUL		5JUL-12JUL		12JUL-19JUL		19JUL-26JUL		26JUL- 2AUG	
DAY FROM-TO:	11-15		15-22		22-29		29-36		36-43		43-50		50-57	
ANIMAL	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091M4 001	117	29.3	212	30.3	225	32.1		A		A			227	32.4
99091M4 002	123	30.6	216	30.8		B	225	32.2		A			224	32.0
99091M4 003	121	30.3	209	29.8	200	28.5	200	28.5	216	30.9	209	29.8	209	29.9
99091M4 004	110	27.5	204	29.2	216	30.8	221	31.6	222	31.7		B	215	30.8
99091M4 005	112	28.1	212	30.2		B	213	30.4		A			211	30.2
99091M4 006	109	27.2	184	26.2	203	29.0	208	29.7		A			197	28.1
99091M4 007	113	28.3	206	29.4	204	29.1		A	217	31.1	202	28.9	201	28.6
99091M4 008	119	29.8	219	31.3	221	31.5	214	30.6	220	31.5	218	31.2	220	31.4
99091M4 009	119	29.8	221	31.5	223	31.8		A	240	34.2	233	33.2	230	32.9
99091M4 010	139	34.8		B		A		A	244	34.8		B	245	35.0
99091M4 011	106	26.5	190	27.2	193	27.6		A		A			192	27.5
99091M4 012	118	29.4	220	31.4	215	30.7	212	30.3	223	31.9	215	30.7	212	30.3
99091M4 013	117	29.2	213	30.5		B	208	29.8	219	31.3	212	30.2	208	29.7
99091M4 014	104	26.0	178	25.5	179	25.6	177	25.3		A			171	24.5
99091M4 015	116	29.0	211	30.2		B		A		A			222	31.7
99091M4 016	110	27.5	197	28.1	202	28.9	203	29.0		A			213	30.4
99091M4 017	109	27.3	207	29.5	217	30.9	220	31.5	225	32.2				
99091M4 018	106	26.6	202	28.9	204	29.2	204	29.1	206	29.4				
99091M4 019	117	29.3	208	29.7	213	30.4	202	28.8	216	30.8	217	31.0	210	30.0
99091M4 020	103	25.8	197	28.1	195	27.8	189	27.0	193	27.5	166	23.7	186	26.6

STUDY NUMBER: 99091 INDIVIDUAL FOOD CONSUMPTION DATA
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : PARENT-H
TARGET DOSE : 33.00 %

DATES FROM-TO:	2AUG- 9AUG		9AUG-16AUG		16AUG-23AUG		23AUG-30AUG		30AUG- 6SEP		6SEP-12SEP	
DAY FROM-TO:	57-64		64-71		71-78		78-85		85-92		92-98	
ANIMAL	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091M4 001	226	32.3	220	31.4	216	30.9	222	31.7	222	31.8	176	29.3
99091M4 002	237	33.9	240	34.3	231	32.9	228	32.5	232	33.2	192	32.0
99091M4 003	212	30.3	211	30.1	214	30.6	198	28.2	207	29.6	170	28.3
99091M4 004	224	32.0	219	31.3	217	31.0	205	29.3	206	29.4	169	28.1
99091M4 005	209	29.9	220	31.4	200	28.6	204	29.1	206	29.4	165	27.4
99091M4 006	212	30.3	208	29.8	204	29.1	184	26.2	199	28.4	166	27.6
99091M4 007	202	28.9	203	29.0	203	29.0	189	27.0	195	27.9	161	26.8
99091M4 008	227	32.4	229	32.7	219	31.2	208	29.7	215	30.7	180	30.0
99091M4 009	236	33.7	227	32.4	229	32.8	221	31.6	222	31.7	175	29.1
99091M4 010	253	36.1	245	35.0	245	35.0	235	33.6	248	35.4	203	33.9
99091M4 011	195	27.8	190	27.2	188	26.8	181	25.8	185	26.4	150	24.9
99091M4 012	211	30.1	206	29.5	210	30.0	197	28.2	192	27.4	170	28.4
99091M4 013	216	30.9	222	31.7	220	31.4	216	30.8	214	30.6	177	29.6
99091M4 014	181	25.9	176	25.2	183	26.1	182	26.0	189	26.9	154	25.7
99091M4 015	223	31.9	221	31.5	217	31.0	211	30.1	216	30.8	176	29.4
99091M4 016	213	30.5	205	29.3	202	28.9	192	27.5	195	27.9	164	27.3
99091M4 017	226	32.2	219	31.3	219	31.3	207	29.6	208	29.7	174	29.0
99091M4 018	204	29.2	204	29.1	195	27.8	196	28.0	199	28.5	160	26.7
99091M4 019	217	31.0	220	31.4	219	31.3	214	30.5	219	31.3	184	30.6
99091M4 020	187	26.7	182	26.0	187	26.7	182	26.0	185	26.5	144	24.0

STUDY NUMBER: 99091 INDIVIDUAL FOOD CONSUMPTION DATA
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : CROWS 363
TARGET DOSE : 33.00 %

DATES FROM-TO:	7JUN- 8JUN		8JUN- 9JUN		9JUN-10JUN		10JUN-14JUN		14JUN-15JUN		15JUN-16JUN		16JUN-17JUN	
DAY FROM-TO:	1-2		2-3		3-4		4-8		8-9		9-10		10-11	
ANIMAL	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091M5 001	25	24.9	24	24.0	26	25.9	98	24.5	24	23.8	25	24.8	25	25.0
99091M5 002	25	25.4	25	25.3	26	25.7	111	27.7	24	23.7	29	29.2	26	25.8
99091M5 003	24	23.5	26	26.0	25	25.1	100	24.9	27	26.7	25	24.9	27	26.7
99091M5 004	26	26.1	28	28.2	28	28.0	114	28.4	27	27.3	30	29.9	30	30.2
99091M5 005	27	26.8	29	28.9	27	26.6	114	28.5	31	30.5	30	30.1	30	30.3
99091M5 006	24	23.7	27	27.4	27	27.4	109	27.3	26	25.7	25	24.6	26	26.1
99091M5 007	24	23.5	26	26.1	25	24.6	99	24.8	27	27.0	26	25.9	26	25.6
99091M5 008	23	23.1	28	28.0	27	27.4	111	27.8	26	25.7	28	27.7	30	29.9
99091M5 009	23	23.1	26	25.8	23	23.1	104	26.1	26	25.8	25	25.1	26	26.3
99091M5 010	24	24.4	28	28.0	28	28.4	115	28.7	29	28.9	32	32.4	29	28.6
99091M5 011	23	23.0	24	23.7	22	22.3	93	23.2	25	24.8	26	25.5	25	24.5
99091M5 012	24	23.6	26	25.5	25	25.4	101	25.4	27	26.9	27	26.5	29	29.0
99091M5 013	23	23.2	25	25.4	25	24.8	105	26.2	27	26.8	25	24.9	27	27.3
99091M5 014	27	26.6	28	27.9	27	26.6	119	29.7	31	31.0	31	31.0	30	30.1
99091M5 015	21	21.3	24	23.6	22	21.8	98	24.4	25	25.1	26	26.3	28	27.8
99091M5 016	27	26.9	28	28.0	29	28.6	116	29.0	31	31.2	33	32.8	31	30.6
99091M5 017	23	23.3	25	24.9	25	24.9	102	25.4	26	25.6	28	27.5	28	27.7
99091M5 018	20	19.9	21	21.1	21	20.5	88	22.0	23	22.5	25	24.5	23	23.2
99091M5 019	25	24.7	26	25.8	27	26.7	108	26.9	29	28.7	26	26.0	28	28.2
99091M5 020	25	25.3	27	26.5	29	29.2	120	29.9	30	30.0	34	34.4	37	37.1

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CROWS 363
TARGET DOSE : 33.00 %

SEX: MALE

DATES FROM-TO:	17JUN-21JUN		21JUN-28JUN		28JUN- 5JUL		5JUL-12JUL		12JUL-19JUL		19JUL-26JUL		26JUL- 2AUG	
DAY FROM-TO:	11-15		15-22		22-29		29-36		36-43		43-50		50-57	
ANIMAL	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091M5 001	109	27.1	191	27.3	192	27.4	186	26.6		A			189	26.9
99091M5 002	119	29.7	208	29.8	211	30.1	205	29.3		A			208	29.7
99091M5 003	109	27.3	194	27.7	193	27.6	187	26.7	192	27.4	191	27.3	191	27.3
99091M5 004	118	29.6	218	31.2		B		A	225	32.2	231	33.0	226	32.3
99091M5 005	123	30.7	225	32.1		B		A		A			226	32.3
99091M5 006	115	28.7	199	28.4	209	29.8	212	30.3		A			224	31.9
99091M5 007	104	26.0	182	26.1	176	25.2	170	24.3	176	25.2	172	24.5	169	24.2
99091M5 008	117	29.3	206	29.4	214	30.6	203	28.9	210	30.0	205	29.3	213	30.5
99091M5 009	105	26.3	190	27.2	200	28.5	195	27.9	207	29.5	203	29.0	198	28.3
99091M5 010	129	32.2	219	31.3		B		A	226	32.3	212	30.3	211	30.1
99091M5 011	100	25.0	182	26.0	190	27.1	194	27.8		A			190	27.1
99091M5 012	112	28.0	201	28.8	210	30.0	208	29.7	195	27.9	202	28.9	204	29.2
99091M5 013	111	27.7	199	28.4	206	29.5	192	27.4	207	29.6	199	28.4	196	28.1
99091M5 014	123	30.8	222	31.7	227	32.5		A		A			233	33.2
99091M5 015	107	26.8	194	27.7	200	28.5	194	27.7		A			199	28.5
99091M5 016	120	30.0	220	31.5		B	230	32.9		A			244	34.8
99091M5 017	109	27.3	188	26.9	186	26.5	183	26.1	182	26.0				
99091M5 018	97	24.3	175	25.0	182	26.0	176	25.2	184	26.2				
99091M5 019	111	27.7	204	29.2	216	30.8	207	29.5	202	28.8	198	28.3	193	27.6
99091M5 020	135	33.6		B		B		A	243	34.8	246	35.2	247	35.3

STUDY NUMBER: 99091 INDIVIDUAL FOOD CONSUMPTION DATA
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : CROWS 363
TARGET DOSE : 33.00 %

DATES FROM-TO:		2AUG- 9AUG		9AUG-16AUG		16AUG-23AUG		23AUG-30AUG		30AUG- 6SEP		6SEP-12SEP	
DAY FROM-TO:		57-64		64-71		71-78		78-85		85-92		92-98	
ANIMAL		GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091M5	001	192	27.5	196	28.0	199	28.4	191	27.2	183	26.1	147	24.5
99091M5	002	223	31.9	216	30.9	216	30.9	207	29.6	209	29.8	169	28.1
99091M5	003	193	27.6	188	26.8	189	26.9	182	26.0	184	26.3	143	23.8
99091M5	004	229	32.8	223	31.8	227	32.4	220	31.5	227	32.5	181	30.2
99091M5	005	236	33.7	238	34.0	228	32.6	229	32.6	222	31.7	179	29.8
99091M5	006	226	32.3	216	30.8	217	31.1	210	30.0	199	28.4	160	26.7
99091M5	007	181	25.9	179	25.5	169	24.2	174	24.8	166	23.7	136	22.7
99091M5	008	211	30.2	211	30.1	210	29.9	199	28.4	181	25.9	169	28.2
99091M5	009	208	29.8	205	29.3	204	29.1	201	28.7	193	27.6	162	27.1
99091M5	010	218	31.1	216	30.9	217	31.1	211	30.2	203	29.0	174	29.0
99091M5	011	196	28.0	194	27.7	197	28.1	185	26.4	184	26.3	156	26.0
99091M5	012	209	29.9	203	28.9	206	29.5	207	29.5	209	29.9	164	27.3
99091M5	013	208	29.7	212	30.2	210	30.0	209	29.8	212	30.2	173	28.9
99091M5	014	233	33.2	227	32.4	221	31.6	227	32.4	223	31.9	182	30.3
99091M5	015	201	28.7	200	28.6	201	28.7	193	27.5	184	26.3	161	26.8
99091M5	016	249	35.5	239	34.1	246	35.1	228	32.6	227	32.4	181	30.2
99091M5	017	201	28.7	197	28.1	194	27.7	181	25.9	182	26.0	151	25.1
99091M5	018	177	25.3	182	26.0	178	25.4	175	25.0	168	24.1	136	22.7
99091M5	019	202	28.9	202	28.9	192	27.4	188	26.8	190	27.1	155	25.8
99091M5	020	249	35.6	252	36.0	255	36.4	242	34.6	246	35.1	205	34.1

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PIONEER 3394
TARGET DOSE : 33.00 %

SEX: MALE

DATES FROM-TO:		7JUN- 8JUN		8JUN- 9JUN		9JUN-10JUN		10JUN-14JUN		14JUN-15JUN		15JUN-16JUN		16JUN-17JUN	
DAY FROM-TO:		1-2		2-3		3-4		4-8		8-9		9-10		10-11	
ANIMAL		GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091M6	001	24	23.9	23	23.3	24	23.6	102	25.6	25	25.1	26	26.0	25	25.0
99091M6	002	22	22.1	25	24.9	25	24.5	98	24.5	24	24.0	25	25.3	24	24.5
99091M6	003	22	22.3	23	23.2	23	23.1	96	23.9	26	25.6	24	23.8	27	26.6
99091M6	004	24	23.8	25	24.8	24	24.4	101	25.3	26	26.1	22	21.7	24	24.3
99091M6	005	25	25.1	26	25.9	26	26.0	99	24.7	27	27.4	28	27.7	28	27.9
99091M6	006	24	24.4	26	26.2	28	28.2	102	25.6	27	27.4	29	29.4	28	28.4
99091M6	007	24	24.4	24	24.3	27	27.3	102	25.5	25	24.6	28	27.7	29	28.8
99091M6	008	24	23.6	24	23.5	25	24.8	98	24.4	25	25.1	27	26.9	27	26.7
99091M6	009	28	27.7	29	28.9	29	28.6	121	30.3	34	33.9	30	29.7	32	32.4
99091M6	010	24	23.5	26	25.6	25	25.3	109	27.3	27	27.3	28	28.2	28	27.7
99091M6	011	25	25.3	23	23.0	30	29.6	106	26.6	28	28.2	29	28.7	30	29.8
99091M6	012	26	26.1	27	26.7	25	25.1	112	28.0	31	30.9	30	29.6	27	27.4
99091M6	013	21	20.9	23	23.2	21	20.8	93	23.2	25	24.7	26	25.5	25	25.1
99091M6	014	26	25.7	26	26.2	28	28.0	110	27.6	28	27.8	28	28.0	28	28.0
99091M6	015	24	23.8	26	25.6	25	25.4	106	26.5	29	28.6	27	27.4	27	26.8
99091M6	016	22	22.3	25	24.6	25	25.4	100	25.1	26	26.4	28	27.6	26	26.3
99091M6	017	25	25.4	24	23.7	26	25.5	113	28.1	27	27.2	28	27.9	27	27.4
99091M6	018	22	22.0	23	22.8	24	23.7	95	23.6	23	22.8	23	22.7	26	25.7
99091M6	019	27	27.1	31	30.8	30	29.6	119	29.9	30	30.1	32	31.6	34	33.7
99091M6	020	26	25.7	23	23.0	26	25.8	110	27.5	19	18.9	19	18.9	23	23.3

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PIONEER 3394
TARGET DOSE : 33.00 %

SEX: MALE

DATES FROM-TO:	17JUN-21JUN		21JUN-28JUN		28JUN- 5JUL		5JUL-12JUL		12JUL-19JUL		19JUL-26JUL		26JUL- 2AUG	
DAY FROM-TO:	11-15		15-22		22-29		29-36		36-43		43-50		50-57	
ANIMAL	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091M6 001	108	27.0	200	28.5	186	26.6	194	27.7		A			177	25.3
99091M6 002	105	26.2	186	26.6	192	27.4	189	27.1		A			207	29.5
99091M6 003	102	25.5	190	27.1		B	191	27.3	201	28.8	214	30.6	198	28.3
99091M6 004	111	27.7		B		B		A	222	31.7	225	32.1	221	31.5
99091M6 005	109	27.3	190	27.2	194	27.7	182	26.0		A			183	26.1
99091M6 006	116	29.0	208	29.7	209	29.9	209	29.8		A			207	29.5
99091M6 007	113	28.2	206	29.5	211	30.1		A	217	31.0	216	30.8	209	29.9
99091M6 008	110	27.4	189	26.9	201	28.7		A	216	30.8	207	29.5	206	29.4
99091M6 009	126	31.6	229	32.8		A	234	33.4	236	33.7	246	35.1	232	33.2
99091M6 010	120	30.0	212	30.3	213	30.4		A	221	31.5	227	32.4	219	31.2
99091M6 011	114	28.4	210	29.9	218	31.1	215	30.7		A			230	32.8
99091M6 012	122	30.6	215	30.7	217	31.0	210	30.0	223	31.8	221	31.5	214	30.6
99091M6 013	108	27.0	191	27.3	196	28.0	214	30.6	195	27.8	190	27.2	192	27.5
99091M6 014	118	29.6	209	29.9	205	29.3	206	29.5		A			233	33.2
99091M6 015	111	27.8	200	28.5	210	30.1	213	30.4	213	30.4				
99091M6 016	115	28.8	209	29.9		B	213	30.5	215	30.6				
99091M6 017	121	30.1	207	29.6	211	30.1	217	31.1	213	30.5				
99091M6 018	104	25.9	194	27.7	193	27.5	197	28.1	206	29.5				
99091M6 019	130	32.6		B		B		A	256	36.5		B	259	37.0
99091M6 020	107	26.7	210	30.0		A		A	244	34.9	233	33.3	225	32.2

STUDY NUMBER: 99091 INDIVIDUAL FOOD CONSUMPTION DATA
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : PIONEER 3394
TARGET DOSE : 33.00 %

DATES FROM-TO:	2AUG- 9AUG		9AUG-16AUG		16AUG-23AUG		23AUG-30AUG		30AUG- 6SEP		6SEP-12SEP	
DAY FROM-TO:	57-64		64-71		71-78		78-85		85-92		92-98	
ANIMAL	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091M6 001	198	28.3	199	28.4	194	27.7	177	25.3	181	25.8	151	25.1
99091M6 002	206	29.5	200	28.6	5	0.7	196	28.0	195	27.8	166	27.7
99091M6 003	202	28.9	209	29.8	211	30.1	208	29.7	207	29.5	169	28.2
99091M6 004	219	31.3	227	32.4	232	33.1	209	29.9	228	32.5	190	31.7
99091M6 005	182	26.0	180	25.7	180	25.8	180	25.6	241	34.4	146	24.4
99091M6 006	195	27.8	209	29.8	209	29.9	192	27.5	194	27.7	150	25.0
99091M6 007	216	30.8	215	30.7	208	29.8	203	29.0	200	28.6	171	28.4
99091M6 008	204	29.1	210	30.1	206	29.4	202	28.8	195	27.9	161	26.9
99091M6 009	240	34.3	237	33.9	248	35.4	129	18.4				
99091M6 010	218	31.1	221	31.6	200	28.6	193	27.5	194	27.8	146	24.4
99091M6 011	224	32.0	224	32.0	225	32.1	221	31.6	219	31.3	176	29.3
99091M6 012	221	31.5	223	31.8	211	30.1	220	31.5	209	29.9	174	29.1
99091M6 013	196	28.0	194	27.7	195	27.9	179	25.6	175	25.0	138	23.0
99091M6 014	213	30.4	204	29.2	209	29.9	202	28.9	202	28.9	166	27.6
99091M6 015	220	31.4	220	31.4	214	30.5	211	30.1	209	29.9	173	28.9
99091M6 016	213	30.5	215	30.8	210	30.1	212	30.3	211	30.2	175	29.1
99091M6 017	212	30.3	201	28.7	200	28.6	199	28.4	196	28.0	170	28.4
99091M6 018	203	29.0	202	28.8	202	28.9	200	28.5	192	27.5	168	27.9
99091M6 019	269	38.4	270	38.6		B	259	37.0	261	37.2	208	34.7
99091M6 020	222	31.7	216	30.9	221	31.6	209	29.8	209	29.8	170	28.3

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CROPLAN GENETICS 461
TARGET DOSE : 33.00 %

SEX: MALE

DATES FROM-TO:	7JUN- 8JUN		8JUN- 9JUN		9JUN-10JUN		10JUN-14JUN		14JUN-15JUN		15JUN-16JUN		16JUN-17JUN	
DAY FROM-TO:	1-2		2-3		3-4		4-8		8-9		9-10		10-11	
ANIMAL	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091M7 001	31	30.6	29	28.8	31	31.2	127	31.8	33	32.6	32	32.2	33	32.7
99091M7 002	25	25.0	27	27.0	28	27.5	113	28.2	29	28.5	29	29.1	30	29.5
99091M7 003	23	23.0	25	24.7	25	25.0	108	27.0	26	25.8	26	25.9	27	27.3
99091M7 004	28	28.4	27	27.0	29	28.8	118	29.4	32	32.4	32	31.9	31	31.3
99091M7 005	24	24.1	27	27.1	26	26.1	110	27.5	28	27.9	29	29.3	26	25.9
99091M7 006	21	20.8	21	20.5	21	21.3	87	21.9	21	21.2	23	22.7	21	20.9
99091M7 007	24	24.1	24	23.8	28	28.2	102	25.5	31	30.6	27	27.1	30	30.2
99091M7 008	24	23.5	24	24.1	25	24.7	102	25.6	24	24.3	25	24.8	26	26.1
99091M7 009	23	23.3	25	24.5	26	26.3	101	25.2	23	22.6	26	26.4	27	26.6
99091M7 010	25	25.2	26	25.7	23	23.4	99	24.8	24	23.8	27	26.8	26	26.1
99091M7 011	21	20.5	22	22.0	21	20.7	89	22.1	20	19.7	22	21.6	22	21.5
99091M7 012	23	23.1	26	26.4	27	26.5	113	28.3	28	27.7	29	28.9	27	27.2
99091M7 013	25	25.1	26	26.3	27	26.9	106	26.5	26	25.9	26	26.2	29	28.7
99091M7 014	24	24.1	24	23.7	25	24.9	100	25.0	20	20.2	24	23.8	24	23.5
99091M7 015	25	24.8	27	27.3	25	25.2	111	27.7	26	25.6	26	26.0	31	30.8
99091M7 016	24	23.9	28	27.6	28	27.6	108	27.1	31	31.1	30	29.6	28	28.2
99091M7 017	23	22.6	24	24.0	24	23.7	98	24.4	25	25.1	25	24.9	26	26.3
99091M7 018	29	28.7	29	29.1	30	30.3	129	32.2	32	31.6	35	34.9	35	35.2
99091M7 019	25	25.1	27	27.1	27	26.6	113	28.2	28	28.0	32	32.3	29	28.9
99091M7 020	28	27.9	28	27.7	28	27.5	117	29.3	28	27.6	30	29.5	27	27.4

STUDY NUMBER: 99091 INDIVIDUAL FOOD CONSUMPTION DATA
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : CROPLAN GENETICS 461
TARGET DOSE : 33.00 %

DATES FROM-TO:		17JUN-21JUN		21JUN-28JUN		28JUN- 5JUL		5JUL-12JUL		12JUL-19JUL		19JUL-26JUL		26JUL- 2AUG	
DAY FROM-TO:		11-15		15-22		22-29		29-36		36-43		43-50		50-57	
ANIMAL		GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091M7	001	135	33.8	B		A		A		A				248	35.4
99091M7	002	112	28.0	200	28.6	200	28.5	196	28.0	A				199	28.4
99091M7	003	124	30.9	223	31.9	219	31.3	208	29.7	223	31.9	213	30.4	227	32.5
99091M7	004	129	32.2	227	32.4	226	32.2	A		227	32.4	220	31.5	228	32.6
99091M7	005	120	30.0	209	29.9	B		A		A				230	32.9
99091M7	006	94	23.6	164	23.4	181	25.8	180	25.8	A				177	25.3
99091M7	007	114	28.6	202	28.9	204	29.2	206	29.4	202	28.8	205	29.2	203	29.0
99091M7	008	105	26.2	187	26.7	188	26.8	190	27.1	189	27.0	196	28.0	190	27.1
99091M7	009	106	26.6	188	26.9	193	27.6	189	27.1	191	27.3	194	27.8	194	27.8
99091M7	010	108	27.0	192	27.4	191	27.3	192	27.5	186	26.6	184	26.3	188	26.8
99091M7	011	94	23.4	166	23.7	175	25.0	186	26.5	A				184	26.2
99091M7	012	118	29.5	205	29.3	209	29.8	213	30.5	208	29.7	205	29.3	193	27.6
99091M7	013	111	27.8	196	28.1	201	28.7	202	28.8	204	29.1	205	29.3	205	29.3
99091M7	014	105	26.3	190	27.2	193	27.5	195	27.9	A				204	29.2
99091M7	015	112	28.1	206	29.4	212	30.2	207	29.5	216	30.9				
99091M7	016	123	30.7	209	29.8	226	32.3	A		243	34.8				
99091M7	017	106	26.5	195	27.9	209	29.8	A		213	30.4				
99091M7	018	139	34.6	B		A		A		A					
99091M7	019	124	30.9	215	30.7	211	30.2	206	29.5	212	30.3	215	30.7	206	29.4
99091M7	020	117	29.1	209	29.9	217	30.9	210	30.0	212	30.2	206	29.4	219	31.3

STUDY NUMBER: 99091 INDIVIDUAL FOOD CONSUMPTION DATA
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : CROPLAN GENETICS 461
TARGET DOSE : 33.00 %

DATES FROM-TO:	2AUG- 9AUG		9AUG-16AUG		16AUG-23AUG		23AUG-30AUG		30AUG- 6SEP		6SEP-12SEP	
DAY FROM-TO:	57-64		64-71		71-78		78-85		85-92		92-98	
ANIMAL	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091M7 001	259	37.0	244	34.9	234	33.4	226	32.3	233	33.3	200	33.4
99091M7 002	217	31.0	215	30.7	210	30.0	202	28.9	195	27.8	164	27.4
99091M7 003	222	31.7	224	32.0	217	31.0	215	30.7	214	30.6	186	31.0
99091M7 004	239	34.2	236	33.6	227	32.5	221	31.5	224	32.0	180	30.0
99091M7 005	239	34.1	226	32.3	227	32.4	216	30.8	218	31.1	179	29.8
99091M7 006	183	26.2	182	26.0	178	25.4	171	24.4	169	24.1	146	24.3
99091M7 007	201	28.7	208	29.7	203	28.9	199	28.4	190	27.2	161	26.9
99091M7 008	174	24.8	187	26.8	181	25.8	177	25.3	202	28.9	162	26.9
99091M7 009	202	28.9	192	27.5	200	28.6	198	28.2	195	27.8	168	27.9
99091M7 010	188	26.8	181	25.8	187	26.7	200	28.5	198	28.3	163	27.2
99091M7 011	193	27.6	190	27.2	187	26.7	179	25.5	172	24.6	161	26.8
99091M7 012	205	29.2	203	29.0	201	28.7	198	28.3	193	27.6	163	27.1
99091M7 013	209	29.8	210	30.0	212	30.3	230	32.8		B	171	28.4
99091M7 014	205	29.3	200	28.6	204	29.1	202	28.9	194	27.7	163	27.1
99091M7 015	216	30.9	213	30.4	212	30.3	213	30.4	211	30.1	169	28.2
99091M7 016	247	35.2	241	34.4	234	33.4	235	33.5	236	33.7	199	33.1
99091M7 017	235	33.6	229	32.7	229	32.7	217	31.0	230	32.9	194	32.4
99091M7 018	287	41.1	289	41.2	273	38.9	278	39.7	273	39.0	234	38.9
99091M7 019	213	30.5	211	30.1	205	29.3	193	27.5	198	28.3	169	28.2
99091M7 020	227	32.4	211	30.2	222	31.7	210	30.1	213	30.4	188	31.3

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CAMPBELLS 6995
TARGET DOSE : 33.00 %

SEX: MALE

DATES FROM-TO:	7JUN- 8JUN		8JUN- 9JUN		9JUN-10JUN		10JUN-14JUN		14JUN-15JUN		15JUN-16JUN		16JUN-17JUN	
DAY FROM-TO:	1-2		2-3		3-4		4-8		8-9		9-10		10-11	
ANIMAL	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091M8 001	23	23.1	24	23.9	22	21.9	104	26.0	24	23.6	25	24.8	24	24.0
99091M8 002	23	22.9	26	25.7	24	24.0	103	25.8	25	25.4	26	25.6	28	28.0
99091M8 003	27	26.5	27	26.7	25	25.2	108	27.0	27	27.3	31	30.6	28	28.3
99091M8 004	20	20.3	23	22.5	21	20.9	87	21.9	21	20.5	22	21.8	21	20.8
99091M8 005	27	27.0	29	29.1	27	26.6	115	28.8	27	27.4	30	29.7	28	27.9
99091M8 006	25	25.3	26	26.3	25	25.2	108	26.9	28	28.2	28	28.4	29	28.6
99091M8 007	22	22.0	24	24.4	26	26.1	103	25.7	27	26.9	26	25.5	26	26.0
99091M8 008	25	25.1	24	24.3	25	25.2	99	24.7	26	25.9	26	26.1	24	23.6
99091M8 009	24	24.0	26	25.6	24	24.0	104	26.1	23	22.8	26	25.6	26	26.2
99091M8 010	23	23.0	25	24.5	24	23.8	107	26.9	24	24.0	25	24.8	25	24.7
99091M8 011	25	25.4	29	29.4	28	27.6	116	28.9	31	31.2	30	30.1	27	26.9
99091M8 012	25	25.2	26	26.2	28	28.3	111	27.8	27	27.3	27	27.1	26	25.7
99091M8 013	23	23.3	24	24.1	26	25.9	101	25.3	24	23.7	25	24.9	25	24.5
99091M8 014	27	26.6	29	28.6	28	27.7	106	26.6	27	26.8	29	28.8	28	27.7
99091M8 015	25	25.4	27	26.7	27	27.4	105	26.2	23	23.2	26	25.7	27	26.7
99091M8 016	22	22.4	26	26.0	25	25.1	107	26.8	26	25.5	27	27.3	27	26.7
99091M8 017	25	24.9	26	26.0	26	25.6	110	27.6	26	26.0	29	29.2	27	26.7
99091M8 018	25	25.1	25	25.4	27	26.6	107	26.6	28	27.6	29	29.1	26	25.5
99091M8 019	25	25.1	27	26.8	29	28.9	112	27.9	27	27.1	31	31.3	28	28.0
99091M8 020	25	25.4	28	27.8	27	26.8	113	28.1	29	28.5	29	28.8	28	28.3

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CAMPBELLS 6995
TARGET DOSE : 33.00 %

SEX: MALE

DATES FROM-TO:		17JUN-21JUN		21JUN-28JUN		28JUN- 5JUL		5JUL-12JUL		12JUL-19JUL		19JUL-26JUL		26JUL- 2AUG	
DAY FROM-TO:		11-15		15-22		22-29		29-36		36-43		43-50		50-57	
ANIMAL		GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091M8	001	105	26.2	192	27.5	192	27.4	195	27.9		A			184	26.3
99091M8	002	106	26.4	206	29.4	201	28.8	212	30.2		A			192	27.4
99091M8	003	114	28.6	206	29.5	212	30.4	207	29.6	207	29.6	207	29.6	208	29.7
99091M8	004	93	23.1	161	22.9	166	23.7	168	24.0	171	24.4	165	23.5	167	23.9
99091M8	005	122	30.4	216	30.9	217	31.0		A		A			219	31.3
99091M8	006	110	27.6	206	29.4	211	30.1		A		A			205	29.3
99091M8	007	110	27.4	199	28.5	198	28.3	198	28.3	189	27.0	197	28.2	194	27.7
99091M8	008	110	27.6	197	28.1	202	28.8	197	28.1	203	29.0	203	29.0	203	29.0
99091M8	009	111	27.7	179	25.5	187	26.7	186	26.6	188	26.9	186	26.5	188	26.8
99091M8	010	112	28.1	189	27.0	187	26.7	188	26.8	183	26.2	189	26.9		B
99091M8	011	121	30.3	219	31.3		B		A		A			230	32.8
99091M8	012	112	27.9	199	28.4	202	28.8	199	28.4	205	29.3	201	28.8	205	29.3
99091M8	013	102	25.4	183	26.2	194	27.8	202	28.8	189	26.9	195	27.8	193	27.6
99091M8	014	117	29.3	211	30.1	218	31.1	214	30.5		A			211	30.1
99091M8	015	112	28.0	213	30.5	220	31.4		A	237	33.8				
99091M8	016	113	28.2	204	29.1	209	29.9		A	211	30.2				
99091M8	017	117	29.3	206	29.4	218	31.1		A	229	32.7				
99091M8	018	108	26.9	200	28.5	208	29.6	206	29.4	206	29.5				
99091M8	019	119	29.9	201	28.7	204	29.2	209	29.8	224	31.9	219	31.2	212	30.3
99091M8	020	119	29.8	204	29.2	205	29.3	201	28.7	196	28.0	197	28.1	187	26.7

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CAMPBELLS 6995
TARGET DOSE : 33.00 %

SEX: MALE

DATES FROM-TO:	2AUG- 9AUG		9AUG-16AUG		16AUG-23AUG		23AUG-30AUG		30AUG- 6SEP		6SEP-12SEP	
DAY FROM-TO:	57-64		64-71		71-78		78-85		85-92		92-98	
ANIMAL	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091M8 001	194	27.6	188	26.9	190	27.1	179	25.6	178	25.4	150	25.0
99091M8 002	200	28.5	216	30.9	200	28.6	193	27.6	196	28.0	172	28.6
99091M8 003	208	29.8	201	28.8	210	30.0	201	28.7	202	28.9	168	28.1
99091M8 004	166	23.7	165	23.6	166	23.7	160	22.8	156	22.2	134	22.3
99091M8 005	224	32.0	227	32.5	228	32.6	217	30.9	215	30.7	185	30.8
99091M8 006	212	30.2	208	29.7	211	30.2	202	28.8	196	28.0	168	28.0
99091M8 007	199	28.4	186	26.6	189	27.0	177	25.2	140	20.0	141	23.5
99091M8 008	214	30.5	208	29.7	207	29.6	203	29.1	196	28.0	171	28.5
99091M8 009	189	27.0	195	27.9	205	29.3	186	26.6	187	26.7	158	26.4
99091M8 010		B		B		B		B	176	25.2	151	25.2
99091M8 011	232	33.1	224	32.0	222	31.6	217	31.0	224	32.0	193	32.2
99091M8 012	205	29.3	209	29.9	203	29.1	195	27.9	197	28.1	189	31.5
99091M8 013	197	28.2	194	27.7	191	27.2	187	26.7	188	26.9	160	26.6
99091M8 014	220	31.4	205	29.2	207	29.6	213	30.4	211	30.1	183	30.6
99091M8 015	257	36.7	249	35.6	248	35.4	239	34.1	236	33.7	210	34.9
99091M8 016	203	29.0	201	28.6	197	28.1	187	26.7	188	26.8	162	26.9
99091M8 017	220	31.4	212	30.3	210	30.0	198	28.3	199	28.4	163	27.1
99091M8 018	220	31.4	198	28.3	208	29.8	205	29.3	205	29.2	176	29.3
99091M8 019	207	29.5	214	30.6	211	30.1	206	29.5	202	28.9	179	29.8
99091M8 020	192	27.4	191	27.3	189	27.0	190	27.1	195	27.9	162	27.1

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : DK 539
TARGET DOSE : 33.00 %

SEX: MALE

DATES FROM-TO:		7JUN- 8JUN		8JUN- 9JUN		9JUN-10JUN		10JUN-14JUN		14JUN-15JUN		15JUN-16JUN		16JUN-17JUN	
DAY FROM-TO:		1-2		2-3		3-4		4-8		8-9		9-10		10-11	
ANIMAL		GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091M9	001	23	22.5	26	25.5	25	24.6	100	25.1	24	23.5	26	25.6	24	24.2
99091M9	002	24	24.4	24	23.6	24	23.7	98	24.4	24	24.0	24	23.8	24	23.5
99091M9	003	23	23.3	26	25.8	26	25.7	109	27.2	28	27.5	27	26.8	26	25.9
99091M9	004	25	25.1	28	27.5	27	27.0	110	27.5	28	28.0	30	29.6	29	28.5
99091M9	005	25	24.9	27	26.7	26	25.7	107	26.8	26	25.7	27	26.6	26	25.8
99091M9	006	24	23.9	24	24.2	24	24.2	100	25.0	25	25.4	27	26.7	27	27.3
99091M9	007	23	22.9	23	22.7	26	25.5	102	25.4	28	27.5	27	26.6	29	28.5
99091M9	008	23	23.4	26	26.4	26	26.0	112	27.9	27	27.2	25	25.3	27	27.3
99091M9	009	24	24.4	26	25.7	23	23.4	111	27.7	28	28.1	31	30.7	29	29.4
99091M9	010	23	23.4	26	26.0	25	24.7	108	27.1	23	23.0	28	28.3	25	24.8
99091M9	011	21	21.3	23	23.3	21	20.7	100	25.1	26	25.7	26	25.6	24	24.3
99091M9	012	25	25.4	28	27.6	26	26.1	114	28.4	28	27.7	29	28.5	26	25.9
99091M9	013	25	24.6	27	27.2	26	26.0	114	28.5	24	24.3	31	30.6	27	26.6
99091M9	014	20	20.3	23	23.3	22	21.8	94	23.5	22	21.6	26	25.6	22	21.6
99091M9	015	26	25.8	28	27.5	28	28.0	116	28.9	26	26.2	28	28.3	27	27.1
99091M9	016	23	23.2	27	27.3	38	37.5	98	24.6	26	26.4	28	27.5	26	26.4
99091M9	017	28	27.9	28	27.8	17	16.9	129	32.3	27	27.0	31	30.7	28	28.2
99091M9	018	28	28.1	28	28.3	29	28.6	118	29.5	29	28.7	29	29.4	28	27.6
99091M9	019	26	26.3	28	28.2	29	29.1	132	32.9	28	28.1	33	32.6	29	28.8
99091M9	020	27	27.3	31	30.5	28	27.9	123	30.8	29	29.3	32	31.8	31	31.3

STUDY NUMBER: 99091 INDIVIDUAL FOOD CONSUMPTION DATA
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : DK 539
TARGET DOSE : 33.00 %

DATES FROM-TO:		17JUN-21JUN		21JUN-28JUN		28JUN- 5JUL		5JUL-12JUL		12JUL-19JUL		19JUL-26JUL		26JUL- 2AUG	
DAY FROM-TO:		11-15		15-22		22-29		29-36		36-43		43-50		50-57	
ANIMAL		GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091M9	001	100	24.9	186	26.6	186	26.6	186	26.5		A			201	28.6
99091M9	002	101	25.3	173	24.7	188	26.8	192	27.4		A			192	27.4
99091M9	003	113	28.2	202	28.9	207	29.5	207	29.6	205	29.3	212	30.3	212	30.2
99091M9	004	113	28.3	212	30.3	206	29.4	219	31.3	231	33.0	226	32.3	230	32.8
99091M9	005	103	25.8	189	27.0	201	28.8	212	30.2		A			217	30.9
99091M9	006	107	26.8	194	27.7	185	26.5	192	27.4		A			191	27.2
99091M9	007	117	29.2	203	29.0	197	28.2	198	28.3	197	28.1	165	23.6	194	27.6
99091M9	008	112	27.9	217	31.0	202	28.8	201	28.7	185	26.4	180	25.7	191	27.2
99091M9	009	123	30.7	215	30.8	227	32.4	236	33.7	224	31.9	209	29.9	201	28.8
99091M9	010	115	28.7	211	30.2	216	30.9	213	30.4	207	29.6	201	28.7	186	26.5
99091M9	011	111	27.7	186	26.5	205	29.3	209	29.9		A			212	30.2
99091M9	012	119	29.8	205	29.3	205	29.2	205	29.3	218	31.1	221	31.5	203	29.0
99091M9	013	122	30.5	218	31.2	229	32.7		A	236	33.7	241	34.5	235	33.6
99091M9	014	99	24.9	173	24.7	183	26.1	184	26.3		A			185	26.4
99091M9	015	115	28.8	206	29.4	217	31.1	219	31.3	206	29.4				
99091M9	016	122	30.6	211	30.2	181	25.8		A	198	28.2				
99091M9	017	108	27.1	196	28.1	187	26.7	198	28.2	208	29.6				
99091M9	018	112	28.0	199	28.4	211	30.2	198	28.3	203	29.0				
99091M9	019	134	33.4		B		B		A	249	35.6	234	33.4	231	33.0
99091M9	020	131	32.7	224	32.1	217	31.0		A	223	31.8	204	29.1	215	30.7

STUDY NUMBER: 99091 INDIVIDUAL FOOD CONSUMPTION DATA
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : DK 539
TARGET DOSE : 33.00 %

DATES FROM-TO:		2AUG- 9AUG		9AUG-16AUG		16AUG-23AUG		23AUG-30AUG		30AUG- 6SEP		6SEP-12SEP	
DAY FROM-TO:		57-64		64-71		71-78		78-85		85-92		92-98	
ANIMAL		GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091M9	001	201	28.6	189	27.0	182	26.0	179	25.6	181	25.9	157	26.2
99091M9	002	187	26.7	192	27.4	191	27.3	185	26.4	180	25.8	154	25.7
99091M9	003	205	29.3	201	28.7	208	29.7	206	29.4	206	29.4	162	26.9
99091M9	004	227	32.4	216	30.9	214	30.6	210	30.0	212	30.4	178	29.7
99091M9	005	213	30.5	210	30.0	207	29.5	200	28.6	202	28.8	171	28.6
99091M9	006	202	28.8	195	27.9	197	28.1	191	27.3	190	27.2	166	27.6
99091M9	007	201	28.7	200	28.6	201	28.7	184	26.3	184	26.3	165	27.4
99091M9	008	193	27.6	193	27.6	185	26.5	178	25.4	184	26.3	156	25.9
99091M9	009	194	27.8	197	28.1	194	27.7	195	27.9	192	27.4	161	26.9
99091M9	010	189	27.0	203	29.0	204	29.1	200	28.5	197	28.1	171	28.5
99091M9	011	210	30.0	206	29.4	206	29.5	194	27.7	189	27.0	165	27.5
99091M9	012	213	30.5	209	29.8	207	29.5	201	28.7	195	27.9	169	28.1
99091M9	013	242	34.5	240	34.3	239	34.1	232	33.1	222	31.7	186	31.0
99091M9	014	187	26.7	193	27.5	186	26.6	184	26.3	181	25.8	167	27.9
99091M9	015	212	30.3	206	29.4	197	28.2	200	28.5	200	28.5	175	29.2
99091M9	016	200	28.5	197	28.2	195	27.8	189	27.0	193	27.6	166	27.7
99091M9	017	209	29.9	206	29.5	211	30.2	193	27.6	195	27.8	168	28.1
99091M9	018	207	29.6	200	28.5	201	28.7	197	28.2	193	27.5	170	28.3
99091M9	019	232	33.1	232	33.1	224	32.0	221	31.6	230	32.9	190	31.7
99091M9	020	209	29.8	216	30.9	212	30.3	204	29.1	212	30.2	176	29.3

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : DK 537
TARGET DOSE : 33.00 %

SEX: MALE

DATES FROM-TO:	7JUN- 8JUN		8JUN- 9JUN		9JUN-10JUN		10JUN-14JUN		14JUN-15JUN		15JUN-16JUN		16JUN-17JUN	
DAY FROM-TO:	1-2		2-3		3-4		4-8		8-9		9-10		10-11	
ANIMAL	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091M10 001	26	26.4	27	27.3	28	27.7	113	28.2	27	27.4	29	28.7	27	27.1
99091M10 002	24	24.3	23	23.1	24	23.6	94	23.6	24	23.6	24	24.1	20	19.7
99091M10 003	26	25.7	27	27.3	30	30.4	120	30.0	30	29.9	30	30.0	30	30.0
99091M10 004	24	23.6	26	26.4	27	27.3	103	25.7	27	27.0	28	27.7	29	28.9
99091M10 005	23	22.8	25	25.4	26	25.6	105	26.2	25	25.2	28	28.0	26	25.6
99091M10 006	25	24.6	25	24.9	25	25.1	106	26.6	26	26.0	27	26.6	25	24.9
99091M10 007	26	26.4	28	28.4	27	26.9	117	29.2	27	27.1	30	29.5	28	28.1
99091M10 008	23	23.4	27	26.5	25	25.0	110	27.6	27	27.3	29	28.8	26	26.3
99091M10 009	25	25.3	26	26.3	28	28.1	114	28.6	26	25.9	29	28.5	29	28.6
99091M10 010	25	25.2	28	27.5	28	27.5	117	29.3	27	27.4	32	31.9	28	27.7
99091M10 011	25	24.9	25	25.0	25	24.6	101	25.3	25	24.6	25	24.7	26	26.5
99091M10 012	25	25.0	29	28.7	27	26.9	118	29.6	26	26.4	31	30.5	28	27.8
99091M10 013	24	23.6	27	27.2	26	26.0	113	28.2	28	28.1	29	29.0	29	28.6
99091M10 014	26	26.4	27	26.9	24	23.5	107	26.7	23	23.1	26	25.8	26	26.1
99091M10 015	23	23.3	28	28.3	27	27.3	114	28.5	27	26.5	28	28.3	27	27.2
99091M10 016	21	20.9	28	27.6	26	25.6	109	27.3	27	26.7	30	29.8	28	27.6
99091M10 017	25	24.5	27	26.5	24	24.3	102	25.5	24	23.5	27	26.6	26	25.5
99091M10 018	21	21.0	25	24.7	22	22.3	99	24.7	24	24.1	25	25.3	28	27.8
99091M10 019	25	25.0	27	27.4	25	25.3	105	26.2	23	23.4	27	27.3	27	27.2
99091M10 020	25	25.1	28	27.6	28	28.2	114	28.6	29	28.8	30	30.3	30	30.1

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : DK 537
TARGET DOSE : 33.00 %

SEX: MALE

DATES FROM-TO:	17JUN-21JUN		21JUN-28JUN		28JUN- 5JUL		5JUL-12JUL		12JUL-19JUL		19JUL-26JUL		26JUL- 2AUG	
DAY FROM-TO:	11-15		15-22		22-29		29-36		36-43		43-50		50-57	
ANIMAL	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091M10 001	114	28.5	209	29.9	216	30.8		A		A			219	31.3
99091M10 002	90	22.5	168	24.0	178	25.4	173	24.7		A			174	24.9
99091M10 003	128	32.1	227	32.5		B	220	31.4	231	32.9	240	34.3	234	33.5
99091M10 004	114	28.4	207	29.6	203	29.0	194	27.7	202	28.9	207	29.6	205	29.2
99091M10 005	113	28.2	198	28.3	209	29.8	209	29.8		A			221	31.5
99091M10 006	108	27.1	199	28.5	203	29.0	206	29.4		A			209	29.8
99091M10 007	111	27.7	209	29.8		A		A	206	29.4	217	31.0	206	29.5
99091M10 008	118	29.6	209	29.9	205	29.3	201	28.6	203	28.9	201	28.7	203	29.0
99091M10 009	122	30.5	216	30.8	219	31.3	227	32.4	229	32.7	230	32.9	227	32.4
99091M10 010	124	31.1	229	32.7		A		A	234	33.4	237	33.9	233	33.3
99091M10 011	112	28.0	204	29.1	225	32.1	212	30.3		A			203	29.0
99091M10 012	123	30.8	217	30.9	223	31.8		A	224	32.0	213	30.5	218	31.2
99091M10 013	114	28.4	215	30.7	222	31.7	216	30.9	213	30.4	236	33.6	222	31.7
99091M10 014	112	28.0	198	28.3	210	30.0	217	31.0		A			215	30.7
99091M10 015	187	46.7	202	28.8	210	30.0	204	29.1	208	29.7				
99091M10 016	112	28.0	201	28.7	202	28.9	199	28.4	200	28.6				
99091M10 017	105	26.3	192	27.4	199	28.4	197	28.1	197	28.1				
99091M10 018	105	26.2	190	27.2	192	27.4	189	27.0	186	26.6				
99091M10 019	109	27.2	188	26.9	202	28.8	198	28.2	193	27.5	194	27.7	194	27.7
99091M10 020	122	30.4	218	31.2		A		A	232	33.2	225	32.2	228	32.6

STUDY NUMBER: 99091 INDIVIDUAL FOOD CONSUMPTION DATA
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : DK 537
TARGET DOSE : 33.00 %

DATES FROM-TO:	2AUG- 9AUG		9AUG-16AUG		16AUG-23AUG		23AUG-30AUG		30AUG- 6SEP		6SEP-12SEP	
DAY FROM-TO:	57-64		64-71		71-78		78-85		85-92		92-98	
ANIMAL	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091M10 001	221	31.5	201	28.6	194	27.7	205	29.3	215	30.7	175	29.2
99091M10 002	169	24.1	160	22.9	163	23.3	166	23.8	162	23.2	136	22.7
99091M10 003	228	32.5	223	31.9	228	32.6	219	31.3	233	33.2	199	33.2
99091M10 004	216	30.8	196	28.0	203	28.9	200	28.5	204	29.2	177	29.5
99091M10 005	228	32.5	216	30.9	216	30.9	205	29.2	205	29.3	179	29.8
99091M10 006	212	30.3	200	28.6	205	29.3	201	28.8	201	28.7	167	27.8
99091M10 007	216	30.8	213	30.4	211	30.1		B		B	178	29.7
99091M10 008	203	29.0	209	29.9	205	29.3	195	27.9	213	30.4	183	30.5
99091M10 009	225	32.2	216	30.8	213	30.4	199	28.4	205	29.3	165	27.5
99091M10 010	232	33.1	234	33.4	239	34.2	222	31.8	224	32.0	189	31.6
99091M10 011	208	29.8	206	29.5	201	28.6	199	28.4	199	28.4	162	27.0
99091M10 012	224	32.0	221	31.6	218	31.1	211	30.1	204	29.2	160	26.6
99091M10 013	212	30.2	212	30.2	221	31.6	214	30.6	235	33.6	179	29.8
99091M10 014	213	30.4	215	30.7	220	31.4	215	30.7	207	29.5	170	28.3
99091M10 015	201	28.7	204	29.1	208	29.7	198	28.3	202	28.8	171	28.5
99091M10 016	172	24.6	185	26.5	140	19.9	187	26.7		B	114	19.0
99091M10 017	192	27.4	191	27.3	187	26.7	190	27.1	198	28.2	164	27.4
99091M10 018	188	26.9	188	26.8	186	26.6	183	26.2	183	26.1	157	26.1
99091M10 019	187	26.7	185	26.4	182	26.0	173	24.8	184	26.2	151	25.1
99091M10 020	221	31.6	222	31.7	219	31.2	209	29.8	218	31.1	180	30.0

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : NK 603-L
TARGET DOSE : 11.00 %

SEX: FEMALE

DATES FROM-TO:		7JUN- 8JUN		8JUN- 9JUN		9JUN-10JUN		10JUN-14JUN		14JUN-15JUN		15JUN-16JUN		16JUN-17JUN	
DAY FROM-TO:		1-2		2-3		3-4		4-8		8-9		9-10		10-11	
ANIMAL		GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091F1	001	21	21.1	20	19.7	21	21.2	87	21.8	24	23.8	25	24.7	19	19.4
99091F1	002	19	18.7	19	18.6	16	16.2	73	18.4	17	16.5	18	17.6	21	21.0
99091F1	003	18	17.5	18	18.1	15	15.3	75	18.7	21	20.5	21	20.6	19	18.5
99091F1	004	15	14.8	16	15.5	14	14.4	65	16.3	11	11.2	18	18.1	17	16.8
99091F1	005	16	15.9	18	18.4	16	16.2	67	16.8	18	17.7	16	16.2	18	17.8
99091F1	006	24	23.7	24	23.6	20	19.6	99	24.6	27	26.5	26	26.1	24	24.3
99091F1	007	18	17.6	20	20.4	15	15.3	78	19.4	20	19.9	21	20.9	17	17.4
99091F1	008	15	15.4	19	18.5	17	16.7	74	18.4	19	19.4	17	17.1	19	18.5
99091F1	009	18	18.1	20	19.6	19	18.5	87	21.8	23	22.9	21	20.9	17	16.9
99091F1	010	17	17.2	19	18.8	14	14.0	79	19.6	18	17.6	19	19.0	21	21.2
99091F1	011	17	17.4	18	18.4	19	18.9	73	18.2	20	19.7	18	17.8	18	17.6
99091F1	012	18	17.7	17	17.3	15	15.2	74	18.4	19	18.5	19	18.8	19	19.1
99091F1	013	18	18.1	21	21.4	18	17.5	81	20.1	20	19.7	22	21.8	19	19.4
99091F1	014	17	16.9	20	20.1	17	16.9	82	20.4	20	19.8	21	20.7	19	19.4
99091F1	015	18	18.3	21	21.2	19	19.3	79	19.8	21	21.2	21	21.4	21	20.9
99091F1	016	17	17.3	18	18.1	16	16.0	76	18.9	16	15.9	20	20.0	18	18.0
99091F1	017	19	19.3	20	20.0	19	18.9	82	20.5	22	21.5	16	15.9	21	21.0
99091F1	018	14	14.4	15	14.9	15	15.4	66	16.6	18	18.4	17	17.2	15	15.2
99091F1	019	19	19.3	23	23.4	20	20.0	90	22.5	21	21.3	21	20.6	23	22.6
99091F1	020	16	15.9	21	20.5	17	16.7	86	21.4	18	17.6	16	16.4	19	18.6

STUDY NUMBER: 99091 INDIVIDUAL FOOD CONSUMPTION DATA
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : NK 603-L
TARGET DOSE : 11.00 %

DATES FROM-TO:		17JUN-21JUN		21JUN-28JUN		28JUN- 5JUL		5JUL-12JUL		12JUL-19JUL		19JUL-26JUL		26JUL- 2AUG	
DAY FROM-TO:		11-15		15-22		22-29		29-36		36-43		43-50		50-57	
ANIMAL		GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091F1	001	93	23.1	165	23.6	160	22.9	155	22.1	156	22.3				
99091F1	002	76	19.0		B	171	24.4	173	24.7	153	21.8				
99091F1	003	77	19.3	143	20.5	147	20.9	147	20.9	184	26.3	138	19.7	133	19.0
99091F1	004	73	18.3	128	18.3	136	19.4	145	20.7	146	20.8	134	19.1	131	18.6
99091F1	005	77	19.3	134	19.1	155	22.1	144	20.5	142	20.3				
99091F1	006	110	27.5	156	22.3	173	24.7	186	26.6	165	23.5				
99091F1	007	87	21.6	142	20.2	143	20.5	152	21.7	155	22.1	139	19.8	150	21.4
99091F1	008	74	18.6	128	18.3	135	19.3	132	18.9	125	17.9	127	18.1	121	17.3
99091F1	009	90	22.4	156	22.3	152	21.8	156	22.3	153	21.8	155	22.1	198	28.3
99091F1	010	87	21.8	152	21.7	153	21.8	168	24.0	160	22.9	149	21.3	154	22.0
99091F1	011	72	18.0	121	17.2	125	17.9	120	17.1	130	18.6				
99091F1	012	76	18.9	141	20.1	137	19.5	137	19.6	156	22.3	142	20.2	148	21.1
99091F1	013	83	20.7	147	21.1	168	24.1	141	20.1		B	148	21.2	133	19.0
99091F1	014	81	20.3	138	19.8	143	20.4	139	19.9	138	19.8				
99091F1	015	89	22.3	154	22.0	157	22.5	150	21.4	161	23.1				
99091F1	016	77	19.2	125	17.8	123	17.5	129	18.4	132	18.8				
99091F1	017	78	19.4	190	27.1	186	26.5	164	23.4	144	20.6	138	19.7		
99091F1	018	72	18.1	128	18.2	126	17.9	129	18.4	124	17.7	117	16.7		
99091F1	019	94	23.5	149	21.3	161	22.9	158	22.6	160	22.9	143	20.4	144	20.6
99091F1	020	80	20.1	136	19.5	142	20.3	144	20.5	150	21.4	137	19.6	146	20.9

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : NK 603-L
TARGET DOSE : 11.00 %

SEX: FEMALE

DATES FROM-TO:		2AUG- 9AUG		9AUG-16AUG		16AUG-23AUG		23AUG-30AUG		30AUG- 6SEP		6SEP-12SEP	
DAY FROM-TO:		57-64		64-71		71-78		78-85		85-92		92-98	
ANIMAL		GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091F1	001	159	22.7	153	21.9	160	22.8	141	20.1	149	21.2	126	21.0
99091F1	002	197	28.2		B	224	32.0		B		B		B
99091F1	003	130	18.5	137	19.6	133	19.0	139	19.8	136	19.4	107	17.9
99091F1	004	139	19.8	139	19.8	138	19.7	129	18.4	132	18.8	111	18.5
99091F1	005	135	19.3	137	19.6	133	19.0	133	18.9	134	19.1	113	18.9
99091F1	006	163	23.3	163	23.2	148	21.1	157	22.4	150	21.4	115	19.2
99091F1	007	148	21.1	139	19.9	149	21.2	129	18.5	145	20.7	131	21.8
99091F1	008	122	17.5	120	17.1	120	17.2	119	17.0	119	17.0	104	17.3
99091F1	009	149	21.3	154	22.0	161	23.0	173	24.7	158	22.5	146	24.4
99091F1	010	149	21.3	151	21.6	158	22.6	152	21.7	142	20.3	121	20.1
99091F1	011	123	17.6	123	17.6	129	18.4	125	17.8	119	17.0	105	17.5
99091F1	012	149	21.3	154	21.9	148	21.1	163	23.3	131	18.7	119	19.8
99091F1	013	140	20.0	138	19.7	142	20.3	152	21.7	135	19.3	119	19.9
99091F1	014	137	19.6	140	20.0	135	19.3	127	18.1	130	18.6	113	18.8
99091F1	015	155	22.2	150	21.4	152	21.7	143	20.4	145	20.8	119	19.9
99091F1	016	130	18.6	124	17.7	126	17.9	120	17.2	118	16.8	99	16.4
99091F1	017			138	19.7	129	18.4	131	18.8	126	18.0	119	19.9
99091F1	018			124	17.7	106	15.2	108	15.4	115	16.4	98	16.4
99091F1	019	143	20.4	148	21.2	147	21.0	147	21.0	139	19.9	123	20.4
99091F1	020	130	18.6	150	21.5	142	20.2	133	18.9		B	129	21.5

STUDY NUMBER: 99091 INDIVIDUAL FOOD CONSUMPTION DATA
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : NK 603-H
TARGET DOSE : 33.00 %

DATES FROM-TO:		7JUN- 8JUN		8JUN- 9JUN		9JUN-10JUN		10JUN-14JUN		14JUN-15JUN		15JUN-16JUN		16JUN-17JUN	
DAY FROM-TO:		1-2		2-3		3-4		4-8		8-9		9-10		10-11	
ANIMAL		GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091F2	001	15	15.3	16	16.0	15	15.4	81	20.2	21	20.7	20	19.6	19	18.9
99091F2	002	15	14.8	20	19.9	15	14.9	79	19.9	20	19.7	21	20.9	21	20.9
99091F2	003	15	14.8	17	17.0	16	16.2	80	19.9	21	20.5	20	19.9	17	17.2
99091F2	004	21	20.6	22	21.7	22	21.5	77	19.4	20	20.2	20	19.6	18	18.1
99091F2	005	18	17.5	21	21.4	19	19.2	84	21.0	22	22.2	17	17.1	24	24.1
99091F2	006	18	18.4	20	20.2	16	15.8	83	20.8	21	21.0	22	21.5	23	23.1
99091F2	007	15	14.9	19	18.9	17	17.1	70	17.4	18	17.6	20	19.5	19	18.7
99091F2	008	17	17.3	21	20.9	15	15.1	78	19.4	16	15.6	19	18.6	14	14.4
99091F2	009	20	19.8	20	20.3	20	19.6	83	20.8	21	21.1	20	20.2	18	17.6
99091F2	010	18	17.5	20	20.3	21	21.1	80	20.0	19	19.3	20	19.5	19	19.2
99091F2	011	16	16.4	22	22.0	17	16.9	87	21.6	23	22.5	24	23.8	23	22.6
99091F2	012	18	18.2	21	21.1	18	17.7	78	19.5	20	19.9	19	19.3	19	19.1
99091F2	013	17	16.7	16	16.1	18	17.8	90	22.4	21	20.9	20	20.4	19	19.4
99091F2	014	16	15.6	22	22.2	18	18.0	87	21.7	18	18.3	20	20.0	19	18.8
99091F2	015	21	20.6	20	19.8	20	20.3	83	20.6	20	20.4	22	21.6	23	22.7
99091F2	016	21	20.7	22	21.7	21	20.8	96	23.9	27	27.1	23	22.5	24	23.5
99091F2	017	20	19.5	21	21.0	20	19.6	90	22.4	26	25.6	23	22.5	20	19.8
99091F2	018	19	19.4	20	20.1	20	20.1	79	19.9	19	19.1	22	21.6	21	21.3
99091F2	019	17	17.3	21	21.1	18	18.0	86	21.4	17	17.2	21	20.7	22	22.0
99091F2	020	22	22.2	21	20.6	20	19.6	83	20.6	22	22.0	23	22.6	22	21.6

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : NK 603-H
TARGET DOSE : 33.00 %

SEX: FEMALE

DATES FROM-TO:	17JUN-21JUN		21JUN-28JUN		28JUN- 5JUL		5JUL-12JUL		12JUL-19JUL		19JUL-26JUL		26JUL- 2AUG	
DAY FROM-TO:	11-15		15-22		22-29		29-36		36-43		43-50		50-57	
ANIMAL	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091F2 001	75	18.8	125	17.8	140	20.0	140	19.9	136	19.5				
99091F2 002	86	21.4	149	21.2	148	21.1	148	21.2	148	21.2				
99091F2 003	89	22.2	151	21.6	161	23.0	167	23.9	149	21.3	151	21.5	141	20.1
99091F2 004	83	20.8	127	18.1	137	19.6	131	18.8	132	18.8	135	19.3	134	19.2
99091F2 005	96	24.0	161	23.0	177	25.3	179	25.6	167	23.8				
99091F2 006	88	22.1	162	23.1	159	22.7	146	20.9		B				
99091F2 007	67	16.7	126	18.0	134	19.1	136	19.4	124	17.8	139	19.8	136	19.4
99091F2 008	77	19.3	136	19.5	138	19.8	144	20.5	145	20.7	134	19.2	133	19.0
99091F2 009	93	23.3	163	23.3	158	22.5	154	22.0	154	22.0	153	21.9	136	19.4
99091F2 010	88	21.9	152	21.7	155	22.2	161	23.0	169	24.2	151	21.6	220	31.5
99091F2 011	103	25.8		B	184	26.4	179	25.5	164	23.5				
99091F2 012	85	21.2	162	23.2	154	22.0	145	20.7	144	20.5	143	20.5	142	20.3
99091F2 013	108	27.1		B	184	26.3	183	26.1		B		B		B
99091F2 014	90	22.4	146	20.9	153	21.9	147	21.0	150	21.5				
99091F2 015	86	21.5	165	23.5	190	27.2	161	23.0	168	23.9				
99091F2 016	102	25.4	154	22.0	205	29.2		B	198	28.3				
99091F2 017	93	23.2	134	19.2	167	23.9	158	22.6	153	21.9	148	21.2		
99091F2 018	89	22.1	140	20.0	149	21.3	155	22.1	151	21.6	148	21.2		
99091F2 019	82	20.6	145	20.8	145	20.7	147	20.9	143	20.5	143	20.5	149	21.3
99091F2 020	113	28.3		B	209	29.8		A	234	33.4	196	28.0		B

STUDY NUMBER: 99091 INDIVIDUAL FOOD CONSUMPTION DATA
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : NK 603-H
TARGET DOSE : 33.00 %

DATES FROM-TO:	2AUG- 9AUG		9AUG-16AUG		16AUG-23AUG		23AUG-30AUG		30AUG- 6SEP		6SEP-12SEP	
DAY FROM-TO:	57-64		64-71		71-78		78-85		85-92		92-98	
ANIMAL	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091F2 001	147	20.9	138	19.7	150	21.4	124	17.7	138	19.7	129	21.6
99091F2 002	138	19.8	138	19.7	133	19.0	136	19.4	138	19.7	113	18.9
99091F2 003	145	20.7	152	21.7	157	22.4	160	22.8	142	20.3	128	21.3
99091F2 004	153	21.9	113	16.2	125	17.9	117	16.7	128	18.4	100	16.7
99091F2 005	183	26.1	181	25.8	181	25.8	174	24.9		B	146	24.4
99091F2 006	166	23.7	127	18.2	139	19.8	133	19.0	131	18.8	119	19.9
99091F2 007	135	19.3	129	18.4	140	20.1	126	18.0	132	18.9	113	18.8
99091F2 008	131	18.7	133	19.0	124	17.7	119	17.0	128	18.3	109	18.1
99091F2 009	155	22.2	141	20.2	147	21.0	140	20.0	136	19.5	117	19.5
99091F2 010	157	22.5	146	20.9	154	22.0	146	20.9	169	24.1	165	27.5
99091F2 011	190	27.2	163	23.3	149	21.3	155	22.1	159	22.6	138	23.1
99091F2 012	145	20.7	144	20.6	109	15.6	137	19.5	142	20.3	112	18.7
99091F2 013	179	25.6		B		B	197	28.2		B	155	25.8
99091F2 014	155	22.1	140	20.0	147	21.0	146	20.8	147	21.0	115	19.1
99091F2 015	173	24.6	167	23.8	160	22.9		B	153	21.8	143	23.8
99091F2 016	189	26.9		B		B		B		B	159	26.5
99091F2 017			154	22.0	141	20.1	135	19.2	152	21.7	124	20.7
99091F2 018			166	23.7		B		B		B	143	23.9
99091F2 019	150	21.4	144	20.6	134	19.2	131	18.7	172	24.5	110	18.4
99091F2 020	188	26.8		B		B		B		B		B

STUDY NUMBER: 99091 INDIVIDUAL FOOD CONSUMPTION DATA
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : PARENT-L
TARGET DOSE : 11.00 %

DATES FROM-TO:		7JUN- 8JUN		8JUN- 9JUN		9JUN-10JUN		10JUN-14JUN		14JUN-15JUN		15JUN-16JUN		16JUN-17JUN	
DAY FROM-TO:		1-2		2-3		3-4		4-8		8-9		9-10		10-11	
ANIMAL		GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091F3	001	15	14.6	17	17.1	18	17.8	70	17.5	19	19.3	17	17.4	16	15.5
99091F3	002	21	20.9	20	19.8	20	20.3	98	24.6	23	23.1	22	21.9	20	20.3
99091F3	003	16	16.2	18	17.8	18	17.8	73	18.3	19	19.4	20	20.3	20	19.7
99091F3	004	14	14.3	21	21.2	17	16.8	84	20.9	18	17.7	18	17.8	19	19.0
99091F3	005	19	19.2	20	19.7	17	17.4	93	23.2	20	19.8	16	16.0	20	20.1
99091F3	006	18	18.0	20	19.6	17	16.9	80	20.1	16	15.6	20	20.1	21	20.7
99091F3	007	17	17.4	19	19.3	20	19.8	77	19.2	19	18.8	20	20.4	19	19.0
99091F3	008	13	13.4	17	17.3	17	17.0	76	19.0	19	19.0	21	20.6	16	16.2
99091F3	009	19	19.0	21	20.8	19	19.3	87	21.8	21	20.5	21	21.3	20	20.3
99091F3	010	18	18.4	17	17.2	17	16.5	82	20.5	20	19.6	19	19.0	21	21.2
99091F3	011	20	19.9	21	20.6	19	18.7	87	21.7	21	21.4	20	19.5	24	23.5
99091F3	012	14	14.4	17	17.3	20	20.4	74	18.4	21	21.3	15	15.0	20	19.5
99091F3	013	18	17.9	19	19.2	18	18.4	79	19.8	20	19.9	17	16.9	19	18.5
99091F3	014	19	18.5	22	22.3	18	17.9	87	21.7	19	18.6	22	21.6	25	25.1
99091F3	015	18	18.3	21	21.0	19	19.1	81	20.3	22	21.7	21	20.5	19	18.8
99091F3	016	17	16.7	21	21.2	20	19.7	83	20.8	26	25.6	21	21.2	22	21.5
99091F3	017	19	19.2	21	20.7	21	20.7	81	20.2	19	18.7	20	19.7	21	20.8
99091F3	018	19	18.6	20	19.8	19	18.8	72	17.9	16	16.2	19	19.2	19	19.1
99091F3	019	16	15.9	19	19.4	18	18.1	79	19.7	24	23.7	21	21.3	18	18.4
99091F3	020	16	15.7	18	18.3	19	19.3	73	18.4	20	20.3	19	18.7	20	19.7

STUDY NUMBER: 99091 INDIVIDUAL FOOD CONSUMPTION DATA
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : PARENT-L
TARGET DOSE : 11.00 %

DATES FROM-TO:	17JUN-21JUN		21JUN-28JUN		28JUN- 5JUL		5JUL-12JUL		12JUL-19JUL		19JUL-26JUL		26JUL- 2AUG	
DAY FROM-TO:	11-15		15-22		22-29		29-36		36-43		43-50		50-57	
ANIMAL	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091F3 001	76	19.0	128	18.2	134	19.1	131	18.7	131	18.8				
99091F3 002	93	23.1		B	175	24.9	158	22.6		B				
99091F3 003	73	18.3	136	19.5	144	20.5	136	19.5	151	21.6	158	22.6	137	19.6
99091F3 004	82	20.5	140	19.9	161	23.0	145	20.8	133	19.1	130	18.6	134	19.2
99091F3 005	87	21.8		B	155	22.1	161	23.0	156	22.2				
99091F3 006	81	20.3	144	20.6	149	21.2	147	21.0	137	19.5				
99091F3 007	83	20.7	143	20.4	140	20.0	146	20.8	136	19.5	140	20.0	156	22.3
99091F3 008	77	19.2	141	20.1	142	20.2	136	19.4	137	19.6	140	20.0	134	19.1
99091F3 009	88	22.1	144	20.6	150	21.5	152	21.8	147	21.0	148	21.2	147	20.9
99091F3 010	77	19.3	145	20.8	151	21.6	157	22.4	152	21.8	150	21.4		B
99091F3 011	84	21.0	156	22.3	155	22.2	146	20.8	147	21.0				
99091F3 012	76	18.9	123	17.5	135	19.3	134	19.1	127	18.1	136	19.4	131	18.7
99091F3 013	78	19.5	136	19.5	155	22.1	151	21.6	144	20.5	144	20.6	139	19.9
99091F3 014	98	24.6	163	23.3	172	24.6	181	25.9	166	23.7				
99091F3 015	92	23.1	158	22.6	156	22.3	158	22.6	143	20.4				
99091F3 016	88	21.9	144	20.6	150	21.4	145	20.8	134	19.2				
99091F3 017	81	20.2	141	20.2	142	20.3	143	20.5	140	20.0	135	19.3		
99091F3 018	74	18.6	132	18.8	136	19.4	131	18.7	123	17.6	120	17.2		
99091F3 019	82	20.5	142	20.3	153	21.8	152	21.7	139	19.8	144	20.5	143	20.5
99091F3 020	78	19.4	138	19.8	137	19.5	138	19.8	173	24.7	140	20.0		B

STUDY NUMBER: 99091 INDIVIDUAL FOOD CONSUMPTION DATA
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : PARENT-L
TARGET DOSE : 11.00 %

DATES FROM-TO:	2AUG- 9AUG		9AUG-16AUG		16AUG-23AUG		23AUG-30AUG		30AUG- 6SEP		6SEP-12SEP	
DAY FROM-TO:	57-64		64-71		71-78		78-85		85-92		92-98	
ANIMAL	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091F3 001	141	20.1	129	18.4	130	18.6	125	17.9	128	18.3	109	18.2
99091F3 002	177	25.2		B	165	23.6		B		B		B
99091F3 003	167	23.8	166	23.7	152	21.7		B	145	20.7	136	22.6
99091F3 004	125	17.9	127	18.1	129	18.4	125	17.8	125	17.8	97	16.1
99091F3 005	200	28.6	182	25.9	190	27.2		B	142	20.2	126	21.0
99091F3 006	151	21.6	140	20.0	135	19.2	137	19.5	142	20.3	116	19.3
99091F3 007	138	19.7	135	19.3	132	18.8	122	17.5	134	19.2	116	19.3
99091F3 008	138	19.7	135	19.3	140	20.0	127	18.1	126	18.0	113	18.8
99091F3 009	149	21.3	142	20.2	154	22.0	145	20.6	147	21.0	120	19.9
99091F3 010	139	19.8	145	20.7	141	20.1	142	20.3	146	20.9	114	18.9
99091F3 011	137	19.5	135	19.2	143	20.4	157	22.4	146	20.9	129	21.4
99091F3 012	122	17.4	124	17.7	125	17.8	116	16.6	122	17.4	98	16.3
99091F3 013	148	21.1	137	19.5	139	19.9	121	17.3	135	19.3	109	18.1
99091F3 014	170	24.3	159	22.7	153	21.8	160	22.9	155	22.1	131	21.9
99091F3 015	157	22.4	156	22.3	166	23.7	158	22.5	139	19.9	125	20.8
99091F3 016	133	19.0	137	19.6	132	18.9	131	18.7	133	19.0		B
99091F3 017			135	19.3	138	19.7	129	18.5	132	18.8	108	18.0
99091F3 018			127	18.1	121	17.3	118	16.9	125	17.9	103	17.1
99091F3 019	142	20.3	145	20.7	137	19.5	131	18.7	131	18.7	103	17.1
99091F3 020	166	23.8		B		B		B		B	139	23.1

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PARENT-H
TARGET DOSE : 33.00 %

SEX: FEMALE

DATES FROM-TO:	7JUN- 8JUN		8JUN- 9JUN		9JUN-10JUN		10JUN-14JUN		14JUN-15JUN		15JUN-16JUN		16JUN-17JUN	
DAY FROM-TO:	1-2		2-3		3-4		4-8		8-9		9-10		10-11	
ANIMAL	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091F4 001	17	17.2	21	20.8	17	16.8	81	20.4	20	19.8	20	19.9	19	18.8
99091F4 002	18	17.9	15	15.2	21	21.3	80	20.0	21	21.3	20	20.4	14	13.7
99091F4 003	19	18.8	20	20.2	20	19.6	79	19.8	19	18.5	21	21.3	24	24.3
99091F4 004	19	19.4	23	23.2	18	18.3	85	21.4	19	19.4	21	20.6	21	21.3
99091F4 005	18	17.5	19	19.0	17	17.4	82	20.5	18	17.7	22	22.0	20	19.7
99091F4 006	18	18.3	15	15.1	18	17.7	75	18.8	20	20.3	21	20.6	19	18.8
99091F4 007	18	17.5	17	16.6	14	13.5	71	17.7	16	15.6	17	16.5	17	16.6
99091F4 008	19	18.7	22	22.0	17	17.3	83	20.7	20	20.0	21	20.9	19	18.5
99091F4 009	20	19.6	20	20.2	21	20.6	99	24.8	22	22.0	18	17.8	19	18.8
99091F4 010	18	17.7	17	16.7	17	16.6	84	21.1	19	19.4	21	21.1	21	20.5
99091F4 011	19	18.6	18	18.4	19	19.4	81	20.2	22	21.7	21	20.5	20	19.8
99091F4 012	21	20.6	21	20.9	22	21.5	83	20.7	24	23.7	21	21.0	22	21.7
99091F4 013	19	18.7	20	20.2	18	17.9	94	23.5	22	22.0	21	20.8	33	33.4
99091F4 014	18	17.8	20	20.2	17	16.5	83	20.8	19	19.1	17	17.2	19	19.2
99091F4 015	17	16.9	19	19.3	18	18.2	82	20.4	19	18.5	20	19.9	18	17.6
99091F4 016	18	18.0	20	19.5	17	16.7	78	19.5	21	21.4	21	21.0	19	18.8
99091F4 017	19	19.0	20	19.7	17	16.7	81	20.3	20	20.1	17	16.7	14	14.1
99091F4 018	15	14.9	20	20.3	16	16.4	96	24.0	19	18.5	21	20.8	19	19.1
99091F4 019	17	16.7	19	19.0	18	17.7	78	19.4	19	18.5	16	15.6	18	18.1
99091F4 020	20	20.4	23	22.8	21	21.1	85	21.4	20	20.4	20	20.1	25	24.7

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PARENT-H
TARGET DOSE : 33.00 %

SEX: FEMALE

DATES FROM-TO:		17JUN-21JUN		21JUN-28JUN		28JUN- 5JUL		5JUL-12JUL		12JUL-19JUL		19JUL-26JUL		26JUL- 2AUG	
DAY FROM-TO:		11-15		15-22		22-29		29-36		36-43		43-50		50-57	
ANIMAL		GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091F4	001	90	22.6	152	21.8	172	24.6	170	24.3	193	27.5				
99091F4	002	85	21.3	153	21.9	137	19.6	142	20.3	144	20.5				
99091F4	003	94	23.5		B	182	26.0		B	178	25.4	167	23.8		B
99091F4	004	87	21.8	154	22.0	149	21.2	149	21.3	162	23.1	154	22.0	143	20.5
99091F4	005	88	22.1	154	22.0	151	21.6	148	21.2	155	22.1				
99091F4	006	85	21.3	170	24.3	164	23.4		B	187	26.8				
99091F4	007	68	17.1	122	17.5	123	17.6	125	17.8	123	17.5	119	17.0	110	15.7
99091F4	008	88	21.9	152	21.7	152	21.7	148	21.2	151	21.5	140	19.9	142	20.2
99091F4	009	106	26.6		B	172	24.6		B	174	24.8	163	23.3	175	25.0
99091F4	010	83	20.8		B	155	22.1	146	20.8	240	34.3		B	139	19.8
99091F4	011	88	21.9		B	157	22.5	152	21.8	152	21.7				
99091F4	012	93	23.3	162	23.1	160	22.8	153	21.8	158	22.5	161	22.9	153	21.9
99091F4	013	81	20.3	149	21.3	188	26.9	157	22.5	206	29.5	206	29.4		B
99091F4	014	83	20.8	143	20.5	156	22.3	149	21.3	161	23.0				
99091F4	015	93	23.2		B	151	21.6	138	19.7	161	23.0				
99091F4	016	83	20.8	137	19.6	138	19.7	135	19.4	150	21.5				
99091F4	017	80	20.1	145	20.6	145	20.7	134	19.1	131	18.6	134	19.1		
99091F4	018	80	19.9	137	19.6	150	21.4	148	21.1	144	20.6	140	20.0		
99091F4	019	78	19.6	149	21.4	147	21.0	136	19.4	144	20.5	172	24.5	152	21.7
99091F4	020	89	22.1	165	23.6	162	23.1	152	21.8	156	22.3	149	21.3	152	21.6

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PARENT-H
TARGET DOSE : 33.00 %

SEX: FEMALE

DATES FROM-TO:		2AUG- 9AUG		9AUG-16AUG		16AUG-23AUG		23AUG-30AUG		30AUG- 6SEP		6SEP-12SEP	
DAY FROM-TO:		57-64		64-71		71-78		78-85		85-92		92-98	
ANIMAL		GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091F4	001	173	24.7	143	20.4	162	23.1	162	23.2		B	128	21.4
99091F4	002	135	19.3	133	19.0	149	21.3		B	135	19.3	115	19.2
99091F4	003	207	29.5		B		B		B		B	138	23.1
99091F4	004	148	21.1	147	20.9	142	20.3	142	20.2	148	21.1	125	20.8
99091F4	005	148	21.1	146	20.9	137	19.6	139	19.8	140	20.0	119	19.8
99091F4	006	159	22.8		B		B		B		B	119	19.8
99091F4	007	122	17.5	114	16.3	117	16.7	119	17.0	115	16.5	111	18.5
99091F4	008	145	20.7	146	20.9	144	20.5	151	21.5	141	20.1	110	18.4
99091F4	009	160	22.9		B	159	22.8	150	21.5	148	21.1	126	21.0
99091F4	010	142	20.3	142	20.3	132	18.9	137	19.6	141	20.2	124	20.7
99091F4	011	172	24.6		B		B		B		B		B
99091F4	012	157	22.4	161	23.0	150	21.4		B	151	21.6	138	23.0
99091F4	013	157	22.5		B	162	23.1	156	22.3		B		B
99091F4	014	160	22.8	153	21.9	152	21.7	146	20.9	140	20.0	129	21.5
99091F4	015	133	19.1	133	18.9	138	19.8	136	19.4	151	21.6	120	19.9
99091F4	016	131	18.7	135	19.3	127	18.2	130	18.6	131	18.6	111	18.4
99091F4	017			122	17.5	130	18.5	128	18.2	121	17.3	103	17.2
99091F4	018			166	23.7	139	19.9	158	22.6	138	19.8	120	19.9
99091F4	019	156	22.3		B	159	22.8		B	165	23.6	139	23.2
99091F4	020	145	20.7	136	19.4	149	21.2	140	20.0	153	21.8	127	21.2

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CROWS 363
TARGET DOSE : 33.00 %

SEX: FEMALE

DATES FROM-TO:		7JUN- 8JUN		8JUN- 9JUN		9JUN-10JUN		10JUN-14JUN		14JUN-15JUN		15JUN-16JUN		16JUN-17JUN	
DAY FROM-TO:		1-2		2-3		3-4		4-8		8-9		9-10		10-11	
ANIMAL		GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091F5	001	16	16.3	15	14.5	18	18.3	72	18.1	16	16.2	20	19.7	16	15.5
99091F5	002	16	16.2	18	18.3	17	17.0	72	18.0	15	14.7	21	20.7	19	18.7
99091F5	003	15	15.3	18	17.9	16	16.3	71	17.8	19	19.4	17	17.4	18	18.1
99091F5	004	19	18.8	20	19.6	19	18.7	108	26.9	17	17.2	20	19.7	20	20.2
99091F5	005	16	16.0	17	17.0	15	15.1	70	17.6	17	16.8	15	15.0	19	18.6
99091F5	006	23	22.6	23	22.8	22	22.3	94	23.5	25	25.1	22	22.2	18	17.7
99091F5	007	16	16.3	19	18.6	15	15.3	76	18.9	17	16.6	16	16.3	20	19.7
99091F5	008	17	17.1	18	18.0	19	18.8	76	19.0	20	19.8	20	19.6	19	18.9
99091F5	009	21	20.8	16	15.8	17	17.0	77	19.2	17	17.3	21	20.9	12	11.9
99091F5	010	17	16.7	19	19.3	19	19.1	78	19.6	22	21.9	16	16.2	19	18.8
99091F5	011	20	19.9	17	16.5	18	17.7	75	18.7	15	14.9	17	17.1	18	18.4
99091F5	012	17	17.4	16	16.1	19	19.1	70	17.6	21	20.5	20	19.5	20	20.0
99091F5	013	17	17.2	21	20.5	17	16.5	78	19.5	16	15.9	21	20.6	19	18.5
99091F5	014	18	18.4	20	20.2	19	19.1	85	21.2	20	20.1	22	21.5	22	22.1
99091F5	015	18	17.7	22	21.8	22	22.0	84	21.1	22	21.9	20	19.8	22	22.2
99091F5	016	14	14.0	18	18.0	18	17.5	71	17.6	20	20.4	17	17.1	14	13.9
99091F5	017	17	17.1	18	18.4	14	14.3	76	19.1	20	19.9	19	18.9	18	18.3
99091F5	018	18	17.9	16	15.9	19	18.9	89	22.2	21	21.4	18	17.9	17	16.7
99091F5	019	20	20.3	20	20.1	20	20.3	83	20.7	20	20.2	20	20.1	19	19.3
99091F5	020	21	21.4	22	21.7	21	20.6	96	23.9	22	22.3	24	23.7	25	24.5

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CROWS 363
TARGET DOSE : 33.00 %

SEX: FEMALE

DATES FROM-TO:	17JUN-21JUN		21JUN-28JUN		28JUN- 5JUL		5JUL-12JUL		12JUL-19JUL		19JUL-26JUL		26JUL- 2AUG	
DAY FROM-TO:	11-15		15-22		22-29		29-36		36-43		43-50		50-57	
ANIMAL	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091F5 001	73	18.2	132	18.8	128	18.3	133	19.0	132	18.9				
99091F5 002	79	19.8	141	20.2	150	21.5	156	22.3	146	20.8				
99091F5 003	82	20.4	134	19.2	175	25.0	183	26.2	167	23.8	200	28.6		B
99091F5 004	99	24.7	155	22.1	171	24.4	167	23.9	164	23.4	162	23.1		B
99091F5 005	66	16.6	128	18.3	126	18.1	121	17.2	128	18.3				
99091F5 006	90	22.6	167	23.9	172	24.6	166	23.7	166	23.7				
99091F5 007	79	19.7	149	21.3	222	31.7	156	22.3	156	22.2	157	22.4	151	21.6
99091F5 008	76	19.0	142	20.2	157	22.4	172	24.6	157	22.5	165	23.6		B
99091F5 009	91	22.7	163	23.3	163	23.3	152	21.7	139	19.9	155	22.1	143	20.5
99091F5 010	75	18.8	112	16.0	141	20.2	130	18.6	127	18.1	137	19.6	129	18.5
99091F5 011	78	19.4	147	21.0	148	21.2	123	17.5	114	16.2				
99091F5 012	77	19.3	144	20.6	140	20.0	133	19.1	147	21.0	141	20.1	135	19.2
99091F5 013	84	20.9		B	182	26.0	170	24.3	164	23.5		B		B
99091F5 014	85	21.3	161	23.0	159	22.7	157	22.4	167	23.9				
99091F5 015	84	21.0	153	21.8	153	21.8	144	20.5	144	20.5				
99091F5 016	71	17.7		B	127	18.1	135	19.2	128	18.3				
99091F5 017	79	19.6	136	19.4	131	18.7	134	19.1	169	24.2	145	20.7		
99091F5 018	86	21.4	159	22.8	162	23.2		B	158	22.6		B		
99091F5 019	85	21.2	159	22.7	152	21.6	144	20.6	148	21.2		B	144	20.6
99091F5 020	104	26.1		B		B		A		B	165	23.6		B

STUDY NUMBER: 99091 INDIVIDUAL FOOD CONSUMPTION DATA
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : CROWS 363
TARGET DOSE : 33.00 %

DATES FROM-TO:		2AUG- 9AUG		9AUG-16AUG		16AUG-23AUG		23AUG-30AUG		30AUG- 6SEP		6SEP-12SEP	
DAY FROM-TO:		57-64		64-71		71-78		78-85		85-92		92-98	
ANIMAL		GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091F5	001	136	19.4	113	16.1	116	16.6	120	17.1	126	18.0	98	16.3
99091F5	002	158	22.6	144	20.6	144	20.6	151	21.5	158	22.6	129	21.5
99091F5	003	213	30.4		B	176	25.1		B	182	26.0		B
99091F5	004	270	38.5	191	27.3	149	21.3	153	21.9	157	22.4	142	23.6
99091F5	005	123	17.6	124	17.7	125	17.8	118	16.8	129	18.4	101	16.8
99091F5	006	160	22.9	163	23.3	158	22.6	153	21.9	151	21.6	133	22.1
99091F5	007	152	21.8	154	22.0	154	21.9	161	23.0	154	21.9	137	22.9
99091F5	008	167	23.9	148	21.2	144	20.5	151	21.5	134	19.2	126	21.0
99091F5	009	151	21.5	139	19.8	154	21.9		B	145	20.7	124	20.6
99091F5	010	130	18.5	126	18.1	126	18.0	110	15.7	143	20.4	115	19.1
99091F5	011	139	19.9	147	21.0		B	141	20.2	143	20.4	128	21.3
99091F5	012	140	20.0	141	20.1	135	19.3	127	18.1	131	18.7	118	19.7
99091F5	013	175	24.9		B	171	24.4		B	177	25.2	140	23.3
99091F5	014	156	22.2	157	22.4	153	21.9	145	20.7	145	20.8	128	21.4
99091F5	015	143	20.5	141	20.1	150	21.4	139	19.9	135	19.3	123	20.5
99091F5	016	128	18.3	127	18.2	127	18.1	127	18.2	136	19.5	113	18.8
99091F5	017				B	140	20.0	130	18.6	150	21.4	122	20.3
99091F5	018				B		B		B		B		B
99091F5	019	144	20.5	144	20.6	145	20.7	141	20.2	143	20.5	118	19.6
99091F5	020	160	22.9	157	22.4	163	23.3		B	163	23.2	137	22.8

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PIONEER 3394
TARGET DOSE : 33.00 %

SEX: FEMALE

DATES FROM-TO:	7JUN- 8JUN		8JUN- 9JUN		9JUN-10JUN		10JUN-14JUN		14JUN-15JUN		15JUN-16JUN		16JUN-17JUN	
DAY FROM-TO:	1-2		2-3		3-4		4-8		8-9		9-10		10-11	
ANIMAL	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091F6 001	17	17.4	19	19.0	18	17.7	76	18.9	17	17.4	19	19.4	19	19.3
99091F6 002	16	15.7	19	19.0	20	19.9	77	19.3	22	21.9	20	20.3	18	18.3
99091F6 003	20	20.0	20	20.4	19	18.8	84	21.0	21	21.4	21	20.9	21	21.2
99091F6 004	19	19.1	18	18.2	18	18.0	81	20.2	18	18.4	19	18.8	23	23.1
99091F6 005	16	16.4	19	19.1	17	16.9	76	18.9	18	18.1	20	20.3	18	18.4
99091F6 006	19	19.3	23	22.6	17	17.2	92	23.0	19	19.4	22	22.1	20	20.1
99091F6 007	22	21.5	21	21.3	19	19.2	89	22.2	17	16.5	23	22.9	21	21.1
99091F6 008	16	15.9	17	16.9	16	16.4	69	17.2	16	16.0	18	17.6	18	18.2
99091F6 009	20	19.8	20	20.0	20	20.3	82	20.6	20	20.3	21	20.7	20	20.4
99091F6 010	16	15.9	19	18.9	18	18.4	83	20.9	22	22.1	20	20.0	19	19.2
99091F6 011	17	17.2	17	16.7	18	18.2	81	20.3	20	19.5	20	20.4	15	15.2
99091F6 012	14	14.0	19	19.1	19	18.8	82	20.4	22	21.8	18	17.8	28	28.3
99091F6 013	19	18.7	21	21.3	18	18.3	84	21.1	18	17.8	21	20.8	22	21.7
99091F6 014	20	19.9	24	24.3	20	19.9	96	24.1	23	23.2	18	18.4	17	16.8
99091F6 015	19	19.2	19	19.3	22	21.7	84	20.9	20	19.6	15	14.6	22	21.5
99091F6 016	17	17.3	19	18.9	20	19.9	78	19.5	18	17.7	19	19.1	18	18.1
99091F6 017	19	18.6	23	23.4	20	20.0	87	21.8	20	20.3	21	20.6	18	17.7
99091F6 018	16	16.0	20	20.4	17	17.1	72	17.9	18	18.4	19	19.2	18	18.4
99091F6 019	14	13.5	18	18.0	18	18.4	74	18.5	18	18.2	14	14.0	20	19.9
99091F6 020	17	17.4	21	20.8	18	18.3	83	20.8	17	16.6	18	17.7	20	20.3

STUDY NUMBER: 99091 INDIVIDUAL FOOD CONSUMPTION DATA
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : PIONEER 3394
TARGET DOSE : 33.00 %

DATES FROM-TO:	17JUN-21JUN		21JUN-28JUN		28JUN- 5JUL		5JUL-12JUL		12JUL-19JUL		19JUL-26JUL		26JUL- 2AUG	
DAY FROM-TO:	11-15		15-22		22-29		29-36		36-43		43-50		50-57	
ANIMAL	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091F6 001	74	18.6	144	20.5	163	23.3	170	24.2	171	24.4				
99091F6 002	90	22.6	149	21.3	153	21.8	145	20.6	147	20.9				
99091F6 003	83	20.8	144	20.6	147	21.0	143	20.5	147	21.0	144	20.5	135	19.3
99091F6 004	89	22.3	155	22.2	156	22.3	155	22.2	156	22.3	157	22.4	149	21.2
99091F6 005	85	21.3		B	151	21.5	162	23.1	150	21.4				
99091F6 006	85	21.4	148	21.1	152	21.7	144	20.5	150	21.4				
99091F6 007	91	22.7		B	162	23.1	166	23.7		B	172	24.6		B
99091F6 008	72	18.1	132	18.9	131	18.7	129	18.5	148	21.2	137	19.6	139	19.9
99091F6 009	83	20.8	148	21.1	148	21.1	153	21.9	158	22.5	146	20.9		B
99091F6 010	86	21.5	146	20.8	153	21.9	141	20.1	143	20.4	127	18.1	135	19.2
99091F6 011	84	21.1	146	20.9	140	20.0	139	19.8	147	21.1				
99091F6 012	66	16.5		B	160	22.9	167	23.8		B		B		B
99091F6 013	84	21.0	151	21.6	150	21.5		A	158	22.6	148	21.1	146	20.9
99091F6 014	88	21.9	159	22.7		B	164	23.5	169	24.2				
99091F6 015	91	22.7		B	158	22.5		B	158	22.6				
99091F6 016	80	20.1	140	20.0	145	20.7	142	20.2	150	21.5				
99091F6 017	96	24.0		B		B		B		B	173	24.7		
99091F6 018	74	18.4	124	17.7	134	19.2	132	18.8	127	18.2	124	17.8		
99091F6 019	78	19.6	139	19.8	155	22.2	149	21.3	147	21.1	146	20.9	150	21.5
99091F6 020	87	21.8	144	20.5	150	21.4	143	20.5	146	20.8	138	19.7	140	19.9

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : PIONEER 3394
TARGET DOSE : 33.00 %

SEX: FEMALE

DATES FROM-TO:		2AUG- 9AUG		9AUG-16AUG		16AUG-23AUG		23AUG-30AUG		30AUG- 6SEP		6SEP-12SEP	
DAY FROM-TO:		57-64		64-71		71-78		78-85		85-92		92-98	
ANIMAL		GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091F6	001	176	25.1	155	22.2	150	21.4	145	20.8	138	19.8	135	22.4
99091F6	002	148	21.1	140	19.9	143	20.5		B	148	21.2	121	20.2
99091F6	003	139	19.8	139	19.8	141	20.1		B	136	19.4	120	20.0
99091F6	004	148	21.1	152	21.7	155	22.1	140	20.0	142	20.3	123	20.5
99091F6	005	170	24.3	144	20.5	141	20.1	154	21.9	148	21.1	134	22.3
99091F6	006	148	21.1	154	22.0	147	21.0	143	20.4	149	21.3	127	21.2
99091F6	007	162	23.1	130	18.6	171	24.4	174	24.9	169	24.2	142	23.7
99091F6	008	134	19.1	139	19.9	131	18.8	125	17.8	130	18.5	119	19.8
99091F6	009	148	21.1	155	22.1	145	20.8	152	21.7		B	126	21.0
99091F6	010	128	18.3	133	19.1	135	19.2	134	19.1	134	19.1	111	18.5
99091F6	011	145	20.8	145	20.7	133	19.0	129	18.5	131	18.8	109	18.2
99091F6	012	145	20.7		B	138	19.7	151	21.6	139	19.8		B
99091F6	013	150	21.4	150	21.4	137	19.6	132	18.8	140	19.9	120	20.0
99091F6	014	146	20.8	149	21.3	158	22.6	146	20.8	160	22.9	125	20.9
99091F6	015	161	23.1	149	21.3	152	21.6	150	21.4	164	23.4	122	20.3
99091F6	016	155	22.2	145	20.8	133	19.0	121	17.3	144	20.5	122	20.4
99091F6	017				B		B	178	25.4	159	22.7		B
99091F6	018			133	19.0	120	17.1	121	17.3	125	17.8	102	17.0
99091F6	019	145	20.7	144	20.6	143	20.4	152	21.7	150	21.4	121	20.2
99091F6	020	138	19.8	128	18.3	138	19.7	138	19.7	140	20.0	112	18.6

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CROPLAN GENETICS 461
TARGET DOSE : 33.00 %

SEX: FEMALE

DATES FROM-TO:		7JUN- 8JUN		8JUN- 9JUN		9JUN-10JUN		10JUN-14JUN		14JUN-15JUN		15JUN-16JUN		16JUN-17JUN	
DAY FROM-TO:		1-2		2-3		3-4		4-8		8-9		9-10		10-11	
ANIMAL		GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091F7	001	17	17.4	17	17.0	17	16.5	71	17.7	18	18.2	20	20.0	17	17.2
99091F7	002	18	18.4	18	18.2	19	19.0	76	18.9	21	21.2	20	20.4	18	18.2
99091F7	003	16	15.7	19	19.2	18	18.3	77	19.4	20	20.0	21	20.6	21	20.5
99091F7	004	15	15.3	16	16.4	17	16.6	76	19.0	17	16.5	20	19.8	17	17.1
99091F7	005	16	16.1	18	18.0	15	15.4	71	17.7	17	16.8	21	21.3	16	15.5
99091F7	006	20	19.5	22	21.8	22	21.5	92	22.9	21	21.1	21	21.3	19	19.1
99091F7	007	17	16.9	16	16.3	18	17.9	77	19.2	16	16.4	19	18.7	15	15.4
99091F7	008	15	14.6	17	17.2	16	16.0	68	16.9	12	11.5	18	18.2	16	16.0
99091F7	009	16	16.4	21	20.5	20	19.6	79	19.7	16	16.2	21	20.7	19	18.5
99091F7	010	16	15.5	17	16.9	18	17.5	70	17.6	19	19.3	18	17.6	17	16.8
99091F7	011	17	16.9	18	18.1	16	16.0	74	18.4	22	21.6	19	18.5	22	21.9
99091F7	012	15	14.8	16	15.6	17	16.6	72	18.0	17	16.8	19	18.8	14	14.0
99091F7	013	18	18.1	20	19.6	19	19.2	85	21.2	20	20.3	22	21.6	14	13.9
99091F7	014	20	20.2	21	20.5	20	20.1	90	22.5	19	19.3	23	23.0	24	24.0
99091F7	015	19	19.1	20	20.0	19	18.8	90	22.4	23	23.0	24	24.3	20	20.3
99091F7	016	13	12.8	17	17.4	17	16.6	74	18.5	20	19.5	18	18.2	20	19.5
99091F7	017	20	19.7	16	15.9	21	21.4	85	21.3	16	15.7	21	21.0	19	18.6
99091F7	018	15	15.4	15	15.1	16	16.0	74	18.5	15	15.3	19	19.3	16	15.7
99091F7	019	15	14.9	20	19.5	17	17.1	75	18.8	19	18.9	20	20.3	17	16.7
99091F7	020	20	20.1	19	19.2	16	16.4	84	20.9	18	18.4	16	15.6	19	18.7

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CROPLAN GENETICS 461
TARGET DOSE : 33.00 %

SEX: FEMALE

DATES FROM-TO:		17JUN-21JUN		21JUN-28JUN		28JUN- 5JUL		5JUL-12JUL		12JUL-19JUL		19JUL-26JUL		26JUL- 2AUG	
DAY FROM-TO:		11-15		15-22		22-29		29-36		36-43		43-50		50-57	
ANIMAL		GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091F7	001	74	18.6	156	22.3	168	24.0	139	19.9	138	19.7				
99091F7	002	81	20.3	142	20.2	144	20.5	138	19.7	137	19.6				
99091F7	003	84	21.1	152	21.7	156	22.2	153	21.8	151	21.6	154	21.9	157	22.4
99091F7	004	76	19.0	143	20.5	167	23.8		B	157	22.5	147	21.0	157	22.5
99091F7	005	73	18.1	132	18.8	142	20.3	141	20.2	146	20.8				
99091F7	006	96	24.1	161	23.0	165	23.6	149	21.3	158	22.6				
99091F7	007	79	19.8	134	19.1	146	20.9	133	19.0	147	21.0	127	18.1	135	19.2
99091F7	008	67	16.8	116	16.5	121	17.2	124	17.8	130	18.5	131	18.8	131	18.7
99091F7	009	84	20.9	144	20.5	152	21.8	155	22.2	149	21.3	156	22.2	147	21.0
99091F7	010	75	18.8	127	18.1	140	20.0	133	19.0	130	18.5	132	18.9	133	19.0
99091F7	011	83	20.6	146	20.9	138	19.7	140	20.0	144	20.6				
99091F7	012	81	20.1	141	20.2	138	19.7	143	20.4	145	20.7	151	21.6	146	20.8
99091F7	013	87	21.8	160	22.8	157	22.4		B	167	23.8	171	24.5	163	23.3
99091F7	014	101	25.3		B		B		B	232	33.1				
99091F7	015	139	34.9	143	20.5	136	19.5	150	21.4	165	23.6				
99091F7	016	77	19.1	139	19.9	137	19.6	141	20.2	136	19.4				
99091F7	017	90	22.4	158	22.5	155	22.2	150	21.5	166	23.7	149	21.3		
99091F7	018	76	19.0	131	18.7	135	19.3	127	18.1	146	20.9	115	16.5		
99091F7	019	76	19.1	129	18.5	135	19.2	125	17.8	138	19.7	124	17.8	122	17.4
99091F7	020	75	18.8	147	20.9	129	18.4	140	20.0	135	19.3	123	17.5	131	18.7

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CROPLAN GENETICS 461
TARGET DOSE : 33.00 %

SEX: FEMALE

DATES FROM-TO:		2AUG- 9AUG		9AUG-16AUG		16AUG-23AUG		23AUG-30AUG		30AUG- 6SEP		6SEP-12SEP	
DAY FROM-TO:		57-64		64-71		71-78		78-85		85-92		92-98	
ANIMAL		GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091F7	001	151	21.6	141	20.1		B	141	20.1	129	18.4	112	18.7
99091F7	002	142	20.2	134	19.2	133	19.0	126	18.0	128	18.3	102	17.0
99091F7	003	162	23.1	156	22.3	149	21.3	136	19.4	145	20.8	128	21.3
99091F7	004	134	19.2	161	23.0	137	19.5		B	138	19.7		B
99091F7	005	146	20.8	139	19.9	151	21.5		B	151	21.6	126	21.0
99091F7	006	159	22.7	173	24.7	152	21.7	148	21.2	149	21.3	126	21.0
99091F7	007	136	19.4	128	18.3	134	19.1	120	17.1	128	18.3	107	17.9
99091F7	008	143	20.4	137	19.6	135	19.3	134	19.2	134	19.1	114	19.0
99091F7	009	159	22.7	142	20.3	154	22.0	150	21.4	153	21.8	121	20.1
99091F7	010	131	18.8	132	18.9	138	19.7	135	19.3	129	18.4	114	18.9
99091F7	011	150	21.4	147	20.9	152	21.7	144	20.6	138	19.7	114	19.0
99091F7	012	151	21.6	145	20.8	151	21.6	146	20.9		B		B
99091F7	013	171	24.4		B		B		B		B	142	23.7
99091F7	014	204	29.1		B		B		B	162	23.1		B
99091F7	015	162	23.1	164	23.4	163	23.3	162	23.1	156	22.3	130	21.7
99091F7	016	141	20.1	113	16.2	136	19.4	124	17.6	127	18.1	113	18.8
99091F7	017			146	20.9	153	21.8	142	20.3	143	20.4	127	21.1
99091F7	018			125	17.9	121	17.3	130	18.5	127	18.2	98	16.4
99091F7	019	134	19.2	126	18.0	125	17.9	124	17.7	127	18.2	103	17.2
99091F7	020	125	17.9	131	18.7	135	19.3	136	19.5	143	20.4	112	18.6

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CAMPBELLS 6995
TARGET DOSE : 33.00 %

SEX: FEMALE

DATES FROM-TO:		7JUN- 8JUN		8JUN- 9JUN		9JUN-10JUN		10JUN-14JUN		14JUN-15JUN		15JUN-16JUN		16JUN-17JUN	
DAY FROM-TO:		1-2		2-3		3-4		4-8		8-9		9-10		10-11	
ANIMAL		GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091F8	001	14	14.0	16	16.4	16	15.6	68	16.9	18	17.9	13	13.0	18	17.6
99091F8	002	19	18.5	20	20.3	19	19.3	82	20.4	14	14.2	21	20.6	21	21.3
99091F8	003	17	17.0	18	18.0	17	16.6	78	19.6	21	20.7	21	21.2	19	18.9
99091F8	004	17	16.8	18	17.5	15	14.8	83	20.8	14	13.6	18	18.0	19	18.8
99091F8	005	16	15.5	18	18.4	15	15.1	77	19.2	13	12.8	19	18.9	17	17.4
99091F8	006	15	14.8	18	17.9	18	17.7	71	17.7	17	17.2	19	19.0	18	18.0
99091F8	007	19	19.3	23	22.9	21	21.3	77	19.3	18	17.5	21	20.6	21	21.2
99091F8	008	19	19.0	21	21.4	18	18.4	83	20.7	17	17.1	19	19.2	16	16.0
99091F8	009	16	15.6	19	18.7	19	18.5	77	19.1	17	17.0	19	18.9	19	19.4
99091F8	010	19	19.1	22	21.6	18	18.1	79	19.8	17	16.5	22	22.1	19	18.8
99091F8	011	17	17.1	16	16.0	16	15.7	74	18.4	20	19.6	20	20.4	19	18.6
99091F8	012	17	16.5	19	18.5	19	18.5	78	19.5	20	19.8	22	21.7	20	20.1
99091F8	013	17	17.4	19	18.7	19	19.4	76	18.9	19	19.1	18	17.8	20	20.3
99091F8	014	17	17.1	19	18.5	16	16.0	85	21.3	13	13.1	23	22.8	23	22.7
99091F8	015	17	17.4	18	17.9	18	17.6	79	19.6	18	18.1	21	21.2	18	18.2
99091F8	016	17	17.2	21	20.5	19	18.5	78	19.4	19	18.8	22	21.7	18	18.0
99091F8	017	17	17.1	19	18.5	18	18.2	76	19.0	19	19.0	20	20.0	20	20.4
99091F8	018	16	15.9	18	18.2	17	16.6	85	21.2	20	19.9	20	20.0	19	18.7
99091F8	019	18	18.2	21	21.2	17	17.1	80	20.0	12	12.3	19	18.5	19	18.7
99091F8	020	18	17.8	16	16.0	17	16.9	77	19.1	18	18.1	19	18.9	12	12.2

STUDY NUMBER: 99091 INDIVIDUAL FOOD CONSUMPTION DATA
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : CAMPBELLS 6995
TARGET DOSE : 33.00 %

DATES FROM-TO:		17JUN-21JUN		21JUN-28JUN		28JUN- 5JUL		5JUL-12JUL		12JUL-19JUL		19JUL-26JUL		26JUL- 2AUG	
DAY FROM-TO:		11-15		15-22		22-29		29-36		36-43		43-50		50-57	
ANIMAL		GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091F8	001	72	18.0	124	17.7	129	18.4	124	17.6	142	20.3				
99091F8	002	89	22.3	148	21.1	150	21.4	152	21.6	153	21.9				
99091F8	003	101	25.2		B	161	23.0	157	22.4	162	23.1	153	21.8	149	21.3
99091F8	004	62	15.6	125	17.8	135	19.3	133	18.9	144	20.6	138	19.7	149	21.3
99091F8	005	79	19.8	143	20.4	140	20.0	135	19.3	144	20.5				
99091F8	006	73	18.2	137	19.6	137	19.6	134	19.1	136	19.4				
99091F8	007	82	20.5	150	21.4	154	22.0	148	21.1	141	20.2	153	21.8	126	18.0
99091F8	008	85	21.2	134	19.1	139	19.9	114	16.2	120	17.1	122	17.5	129	18.5
99091F8	009	77	19.3	134	19.1	135	19.3	135	19.3	134	19.2	130	18.5	131	18.8
99091F8	010	83	20.6	144	20.5	148	21.2	149	21.2	149	21.2	152	21.7	140	20.1
99091F8	011	87	21.7	144	20.6	138	19.7	148	21.1	143	20.4				
99091F8	012	81	20.2	147	20.9	145	20.7	140	20.1	144	20.5	146	20.9	142	20.3
99091F8	013	90	22.6	152	21.7	142	20.2	143	20.4	144	20.5	142	20.3	134	19.2
99091F8	014	91	22.8	156	22.3		B		B	207	29.5				
99091F8	015	81	20.2		B		B	157	22.5	179	25.5				
99091F8	016	92	22.9	160	22.8	134	19.2	143	20.5	152	21.8				
99091F8	017		A	154	22.0	136	19.4	148	21.1	134	19.1	145	20.7		
99091F8	018		A	153	21.8	143	20.5	135	19.3	153	21.9	141	20.1		
99091F8	019	79	19.7	134	19.1	135	19.2	132	18.9	134	19.1	126	18.0	126	17.9
99091F8	020	78	19.5	138	19.8	133	19.0	130	18.6	135	19.3	141	20.2	128	18.2

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : CAMPBELLS 6995
TARGET DOSE : 33.00 %

SEX: FEMALE

DATES FROM-TO:		2AUG- 9AUG		9AUG-16AUG		16AUG-23AUG		23AUG-30AUG		30AUG- 6SEP		6SEP-12SEP	
DAY FROM-TO:		57-64		64-71		71-78		78-85		85-92		92-98	
ANIMAL		GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091F8	001	123	17.6	149	21.2	128	18.3	141	20.2	134	19.2	103	17.1
99091F8	002	158	22.5		B	158	22.5		B	152	21.7	130	21.7
99091F8	003	153	21.9		B	155	22.1		B	139	19.8	133	22.1
99091F8	004	159	22.7	152	21.7	162	23.1	154	22.0	154	21.9	131	21.9
99091F8	005	213	30.4		B	157	22.4		B		B	132	22.0
99091F8	006	135	19.2	131	18.7	126	18.0	123	17.6	124	17.7	103	17.1
99091F8	007	135	19.3	127	18.2	126	18.0	128	18.3	129	18.4	110	18.3
99091F8	008	121	17.3	134	19.1	125	17.9	130	18.5	129	18.5	110	18.3
99091F8	009	136	19.5	132	18.8	132	18.8	129	18.4	130	18.5	106	17.7
99091F8	010	152	21.7	151	21.6	151	21.6	141	20.1	144	20.5	126	20.9
99091F8	011	131	18.8	139	19.8	136	19.4	130	18.6	133	19.0	115	19.1
99091F8	012	148	21.2	139	19.9	143	20.4	138	19.7	145	20.7	116	19.3
99091F8	013	142	20.3	138	19.7	132	18.9	129	18.4	127	18.2	110	18.4
99091F8	014	172	24.6	157	22.4	141	20.1	111	15.8	122	17.4	126	21.0
99091F8	015	152	21.6	142	20.2	158	22.6	143	20.4	143	20.4	121	20.1
99091F8	016	146	20.9	152	21.7	153	21.8	152	21.7	152	21.8	131	21.8
99091F8	017			151	21.5	162	23.2	136	19.5		B	106	17.7
99091F8	018				B	167	23.8		B	153	21.9	137	22.8
99091F8	019	125	17.9	119	16.9	118	16.8	118	16.9	125	17.9	97	16.2
99091F8	020	137	19.5	126	18.0	140	20.0	129	18.5	134	19.2	113	18.9

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : DK 539
TARGET DOSE : 33.00 %

SEX: FEMALE

DATES FROM-TO:		7JUN- 8JUN		8JUN- 9JUN		9JUN-10JUN		10JUN-14JUN		14JUN-15JUN		15JUN-16JUN		16JUN-17JUN	
DAY FROM-TO:		1-2		2-3		3-4		4-8		8-9		9-10		10-11	
ANIMAL		GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091F9	001	16	16.1	22	22.0	15	14.8	80	19.9	17	16.8	18	17.5	13	12.8
99091F9	002	19	18.5	19	19.3	14	14.1	89	22.2	17	17.4	22	22.0	19	18.7
99091F9	003	16	15.7	17	17.0	18	17.5	72	18.0	19	19.3	18	18.1	18	17.8
99091F9	004	18	17.9	21	20.6	18	17.6	79	19.8	17	16.9	20	20.3	20	20.2
99091F9	005	20	20.1	21	21.3	22	22.1	83	20.8	20	20.2	17	16.7	17	16.8
99091F9	006	16	16.1	17	17.2	15	15.4	70	17.4	17	16.7	17	17.0	17	17.0
99091F9	007	17	16.6	19	18.5	16	15.5	72	18.0	19	19.3	19	18.8	18	18.1
99091F9	008	18	18.4	19	19.3	19	18.7	73	18.2	16	16.3	18	18.1	18	18.0
99091F9	009	18	18.3	20	20.3	20	19.5	81	20.2	19	19.3	21	20.6	19	19.3
99091F9	010	19	19.4	19	18.7	20	19.8	82	20.5	20	20.3	19	18.9	18	17.9
99091F9	011	19	19.3	21	20.8	20	19.7	82	20.5	22	21.9	24	23.5	22	21.9
99091F9	012	19	18.7	20	19.6	20	19.6	84	20.9	25	25.1	22	21.5	21	21.4
99091F9	013	20	20.1	19	19.4	19	19.2	84	20.9	19	18.5	18	18.1	21	20.9
99091F9	014	18	17.9	21	20.8	18	18.1	83	20.6	19	18.6	21	21.2	20	19.5
99091F9	015	20	19.6	23	22.7	22	21.8	91	22.8	22	22.4	25	24.8	21	21.1
99091F9	016	18	17.8	22	21.6	23	22.6	93	23.3	24	23.8	26	25.6	19	19.3
99091F9	017	18	17.7	21	20.5	17	17.0	75	18.8	18	18.3	13	13.1	16	16.4
99091F9	018	14	13.5	20	19.6	17	17.0	74	18.5	14	14.1	19	19.1	19	18.9
99091F9	019	18	17.5	20	20.4	14	14.0	77	19.2	15	14.9	19	19.3	18	17.8
99091F9	020	18	18.2	20	19.7	19	18.7	82	20.6	17	17.2	20	20.4	19	19.3

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : DK 539
TARGET DOSE : 33.00 %

SEX: FEMALE

DATES FROM-TO:	17JUN-21JUN		21JUN-28JUN		28JUN- 5JUL		5JUL-12JUL		12JUL-19JUL		19JUL-26JUL		26JUL- 2AUG	
DAY FROM-TO:	11-15		15-22		22-29		29-36		36-43		43-50		50-57	
ANIMAL	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091F9 001	85	21.3	140	20.0	146	20.9	128	18.2	146	20.8				
99091F9 002	85	21.3		B	146	20.9	143	20.4	154	22.0				
99091F9 003	75	18.7	133	19.0	141	20.1	140	20.0	143	20.4	137	19.6	141	20.1
99091F9 004	81	20.1	145	20.8	147	21.0	143	20.4	141	20.1	134	19.1	135	19.3
99091F9 005	83	20.7	137	19.5	136	19.4	139	19.9	147	21.0				
99091F9 006	74	18.4	130	18.5	125	17.9	115	16.4	135	19.3				
99091F9 007	75	18.9	135	19.2	131	18.8	128	18.4	129	18.4	126	18.1	126	18.0
99091F9 008	69	17.2	128	18.2	132	18.8	127	18.1	127	18.1	121	17.3	116	16.5
99091F9 009	82	20.5	144	20.6		B	149	21.3	150	21.4	143	20.5	149	21.4
99091F9 010	81	20.3	153	21.8	156	22.3	152	21.7	157	22.4	155	22.2	153	21.9
99091F9 011	96	24.0	169	24.1		B	171	24.4	173	24.7				
99091F9 012	98	24.5		B	164	23.4		B	160	22.8	147	21.0	153	21.8
99091F9 013	82	20.4	143	20.4	147	21.0	147	21.0	139	19.9	138	19.7	127	18.2
99091F9 014	85	21.2	151	21.6	154	22.0	145	20.7	150	21.4				
99091F9 015	101	25.3		B		B		B	178	25.5				
99091F9 016	94	23.4		B	158	22.5	163	23.3	165	23.6				
99091F9 017	78	19.6	129	18.4	140	20.0	137	19.5	155	22.1	114	16.3		
99091F9 018	74	18.5	135	19.3	148	21.1	142	20.3	140	20.0	140	20.0		
99091F9 019	80	19.9	131	18.7	137	19.6	135	19.3	143	20.5	136	19.5	135	19.2
99091F9 020	86	21.4		B	147	21.0	145	20.7	145	20.7	137	19.6	142	20.2

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : DK 539
TARGET DOSE : 33.00 %

SEX: FEMALE

DATES FROM-TO:		2AUG- 9AUG		9AUG-16AUG		16AUG-23AUG		23AUG-30AUG		30AUG- 6SEP		6SEP-12SEP	
DAY FROM-TO:		57-64		64-71		71-78		78-85		85-92		92-98	
ANIMAL		GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091F9	001	151	21.5	126	17.9	141	20.1	137	19.5	135	19.3	116	19.3
99091F9	002	150	21.4	142	20.3	139	19.9	136	19.4	121	17.3	114	19.0
99091F9	003	143	20.4	140	20.0	142	20.3	133	18.9	131	18.8	117	19.4
99091F9	004	142	20.3	137	19.6	135	19.3	140	20.0	142	20.3	111	18.4
99091F9	005	151	21.6	144	20.5	134	19.1	141	20.2	143	20.5	112	18.6
99091F9	006	137	19.5	130	18.5	128	18.3	141	20.1	143	20.4	121	20.2
99091F9	007	132	18.8	129	18.5	123	17.6	119	17.0	122	17.4	108	17.9
99091F9	008	119	17.1	112	16.0	116	16.6	109	15.5	115	16.4	95	15.8
99091F9	009	149	21.3	147	21.0	147	21.0	145	20.7	149	21.2	132	22.0
99091F9	010	156	22.3	155	22.2	160	22.9	159	22.8		B		B
99091F9	011	159	22.7	151	21.6	146	20.9	146	20.9	145	20.8	120	20.0
99091F9	012	207	29.6		B	157	22.4	161	23.0	158	22.6	130	21.7
99091F9	013	135	19.3	132	18.9	132	18.9	118	16.9	132	18.8	107	17.8
99091F9	014	149	21.2	150	21.4	151	21.6	148	21.1	140	20.1	120	20.0
99091F9	015	188	26.9	184	26.2		B		B		B	156	26.1
99091F9	016	156	22.2	173	24.7	148	21.1	157	22.4	152	21.8	128	21.3
99091F9	017			135	19.2	132	18.8	142	20.2	128	18.3	109	18.1
99091F9	018			147	20.9	150	21.4	138	19.8	151	21.6	112	18.6
99091F9	019	132	18.9	134	19.1	132	18.9	139	19.8	136	19.4	121	20.2
99091F9	020	150	21.4	145	20.7	144	20.6	137	19.6	138	19.7	117	19.4

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : DK 537
TARGET DOSE : 33.00 %

SEX: FEMALE

DATES FROM-TO:	7JUN- 8JUN		8JUN- 9JUN		9JUN-10JUN		10JUN-14JUN		14JUN-15JUN		15JUN-16JUN		16JUN-17JUN	
DAY FROM-TO:	1-2		2-3		3-4		4-8		8-9		9-10		10-11	
ANIMAL	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091F10 001	18	18.0	18	18.3	18	18.0	79	19.8	21	20.7	22	22.4	20	19.9
99091F10 002	16	16.3	16	16.1	17	17.2	75	18.7	19	18.7	21	20.9	19	18.5
99091F10 003	17	17.2	20	19.8	19	18.6	86	21.4	24	23.6	24	23.9	23	23.0
99091F10 004	16	16.2	21	20.5	16	15.7	74	18.6	16	16.4	18	18.2	19	19.1
99091F10 005	17	17.0	19	18.5	18	17.8	79	19.8	14	14.3	20	20.3	17	17.1
99091F10 006	17	16.8	19	18.9	18	17.7	82	20.4	16	16.4	17	16.5	17	16.5
99091F10 007	17	17.1	21	20.5	18	17.7	86	21.4	20	20.3	20	20.4	16	16.4
99091F10 008	17	16.9	20	20.4	17	16.8	84	21.1	22	21.9	19	18.5	15	14.5
99091F10 009	18	18.4	20	20.3	21	20.5	92	23.1	20	20.1	22	21.5	25	25.4
99091F10 010	15	15.0	20	20.0	20	20.1	83	20.8	22	21.6	22	21.8	15	15.2
99091F10 011	16	16.1	14	13.8	16	15.7	68	17.1	19	18.6	19	18.7	14	14.1
99091F10 012	18	17.9	20	19.7	18	18.1	83	20.7	22	22.3	18	17.5	20	19.7
99091F10 013	18	18.2	21	21.1	20	20.3	80	20.1	17	16.6	23	23.0	18	18.0
99091F10 014	16	15.9	21	20.7	18	18.3	82	20.5	17	16.9	19	19.2	20	19.8
99091F10 015	20	19.8	22	21.7	18	18.3	90	22.5	25	24.6	24	24.0	22	21.9
99091F10 016	20	19.7	22	21.9	21	20.6	85	21.3	21	21.4	19	19.2	19	19.3
99091F10 017	18	17.9	19	18.6	15	15.1	83	20.8	15	14.6	21	20.9	16	16.2
99091F10 018	17	16.5	22	21.7	17	17.0	75	18.7	19	19.3	19	19.2	12	12.0
99091F10 019	19	19.0	20	20.1	19	18.5	66	16.4	16	16.3	19	19.3	19	18.8
99091F10 020	21	20.5	25	25.4	18	17.9	99	24.8	20	20.4	22	21.8	18	17.8

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : DK 537
TARGET DOSE : 33.00 %

SEX: FEMALE

DATES FROM-TO:	17JUN-21JUN		21JUN-28JUN		28JUN- 5JUL		5JUL-12JUL		12JUL-19JUL		19JUL-26JUL		26JUL- 2AUG	
DAY FROM-TO:	11-15		15-22		22-29		29-36		36-43		43-50		50-57	
ANIMAL	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091F10 001	76	19.1	130	18.5	152	21.7		B	131	18.7				
99091F10 002	74	18.4	138	19.7	143	20.5	142	20.3	139	19.9				
99091F10 003	73	18.3	144	20.6		B	135	19.2	157	22.5	153	21.9	134	19.1
99091F10 004	79	19.7	120	17.1	135	19.3	129	18.4	137	19.6	132	18.8	130	18.5
99091F10 005	79	19.8	132	18.9	142	20.3	126	18.1	129	18.4				
99091F10 006	82	20.4	138	19.7	146	20.9	141	20.1	150	21.4				
99091F10 007	85	21.2		B	158	22.5	150	21.5	162	23.2	160	22.8	157	22.5
99091F10 008	91	22.6		B	165	23.5	166	23.7	153	21.8	143	20.4	152	21.7
99091F10 009	88	21.9		B		B		B		B		B		B
99091F10 010	84	21.1	151	21.6	160	22.9	154	22.0	157	22.5	154	22.0	157	22.4
99091F10 011	69	17.2	127	18.1	125	17.9	122	17.4	117	16.7				
99091F10 012	95	23.6		B	166	23.7		B	149	21.3	141	20.1	154	22.0
99091F10 013	79	19.8	147	21.1	151	21.6	154	22.0	160	22.8	151	21.6	150	21.5
99091F10 014	88	21.9	153	21.8	151	21.6	160	22.9	158	22.6				
99091F10 015	95	23.8	168	24.0		B	163	23.3	173	24.7				
99091F10 016	85	21.1	158	22.5	151	21.6	152	21.7	148	21.2				
99091F10 017	78	19.5	150	21.4	154	22.1	140	20.1	164	23.4	144	20.5		
99091F10 018	84	20.9	129	18.5	142	20.3	138	19.7	137	19.6	130	18.6		
99091F10 019	77	19.2	133	19.0	157	22.4	157	22.4	155	22.1	149	21.2	140	20.0
99091F10 020	96	23.9	168	24.0		B	157	22.4	163	23.3	146	20.8	151	21.6

STUDY NUMBER: 99091
DMEH NUMBER:
RTE OF ADMIN: ORAL (FEED)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

GROUP : TEST GROUP
SUBSTANCE : DK 537
TARGET DOSE : 33.00 %

SEX: FEMALE

DATES FROM-TO:	2AUG- 9AUG		9AUG-16AUG		16AUG-23AUG		23AUG-30AUG		30AUG- 6SEP		6SEP-12SEP	
DAY FROM-TO:	57-64		64-71		71-78		78-85		85-92		92-98	
ANIMAL	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY	GM	GM/DAY
99091F10 001	128	18.3	126	18.0	131	18.6	123	17.6	120	17.2	108	18.0
99091F10 002	147	21.1	142	20.2	154	22.1		B	155	22.2	119	19.8
99091F10 003	137	19.6	147	20.9	154	22.0	169	24.2	144	20.6	106	17.6
99091F10 004	134	19.1	127	18.2	131	18.7	133	19.0	133	19.0	112	18.7
99091F10 005	131	18.7	129	18.4	126	17.9	124	17.7	123	17.6	105	17.5
99091F10 006	132	18.8	155	22.1	150	21.4	155	22.1	155	22.2	131	21.9
99091F10 007	151	21.6		B	170	24.3		B	151	21.5	148	24.7
99091F10 008	123	17.6	140	20.0	156	22.2	140	20.1	136	19.4	103	17.1
99091F10 009	172	24.5	169	24.2		B	162	23.1		B	137	22.8
99091F10 010	152	21.7	147	21.0	150	21.4	157	22.5	145	20.8	130	21.6
99091F10 011	128	18.3	121	17.3	121	17.3	124	17.7	122	17.5	104	17.4
99091F10 012	157	22.4	139	19.8	147	21.0	177	25.3	158	22.5	118	19.6
99091F10 013	141	20.1	152	21.7	142	20.3	129	18.4	147	21.1	129	21.5
99091F10 014	149	21.2	146	20.8	135	19.3	146	20.9	153	21.8	122	20.3
99091F10 015	169	24.1	177	25.3	160	22.9	160	22.8	154	22.0	148	24.7
99091F10 016	159	22.8	154	22.0	150	21.4	145	20.7	142	20.3	123	20.5
99091F10 017			144	20.6	153	21.9	140	20.1	136	19.4	111	18.5
99091F10 018			149	21.2	131	18.7	142	20.3	134	19.1	111	18.5
99091F10 019	143	20.4	137	19.5		B	130	18.6	138	19.7	110	18.3
99091F10 020	157	22.4	145	20.8	157	22.4	153	21.8	146	20.8	126	21.0

INDIVIDUAL INLIFE DATA FOOTNOTES TABLE

SPECIES: RAT STRAIN/BREED: SPRAGUE-DAWLEY STUDY START DATE: 7-JUN-2000

Indivdual Body Weight Footnotes
A - Missing required information

Other blanks may result from unscheduled deaths or from experimental design.

Individual Food Weight Footnotes
A - Missing required information
B - Spilled Food

Other blanks may result from unscheduled deaths or from experimental design.

Individual Water Weight Footnotes
A - Missing required information
B - Spilled Water

Other blanks may result from unscheduled deaths or from experimental design.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL HEMATOLOGY DATA

REPORT PRINT DATE: 28-AUG-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 1 PERIOD START DATE: 16-JUL-2000 PERIOD END DATE: 31-JUL-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
M1 001	10.41	8.46	15.5	46.0	54.4	18.3	33.6	1098.	0.89	8.93	0.23	0.14	0.04	0.18
M1 002	13.04	8.61	16.6	47.8	55.5	19.3	34.8	1072.	1.38	11.12	0.22	0.14	0.07	0.12
M1 005	10.79	8.65	16.6	47.4	54.8	19.2	35.0	891.	1.85	8.21	0.43	0.15	0.06	0.10
M1 006	15.99	8.49	16.5	46.7	55.1	19.4	35.2	1032.	1.32	13.83	0.43	0.20	0.09	0.12
M1 011	11.12	8.62	16.0	46.8	54.3	18.5	34.1	1070.	1.35	9.29	0.18	0.14	0.04	0.11
M1 014	11.71	8.32	15.1	43.5	52.3	18.1	34.6	899.	1.17	9.98	0.28	0.15	0.04	0.09
M1 015	9.88	8.80	16.2	45.8	52.0	18.4	35.3	1033.	0.88	8.54	0.14	0.18	0.04	0.10
M1 016	12.91	8.33	16.0	45.3	54.4	19.2	35.3	1029.	1.32	10.91	0.21	0.26	0.05	0.16
M1 017	9.06	8.87	16.2	48.4	54.6	18.3	33.5	899.	0.74	7.68	0.26	0.12	0.03	0.22
M1 018	10.01	8.78	16.1	46.4	52.8	18.4	34.8	967.	0.86	8.70	0.22	0.09	0.04	0.11
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
M1 001	8.6	85.8	2.2	1.4	0.3	1.7	
M1 002	10.6	85.3	1.7	1.1	0.6	0.9	
M1 005	17.2	76.0	3.9	1.4	0.5	1.0	
M1 006	8.3	86.5	2.7	1.2	0.6	0.7	
M1 011	12.2	83.5	1.6	1.3	0.4	1.0	
M1 014	10.0	85.3	2.4	1.2	0.3	0.7	Z
M1 015	8.9	86.5	1.4	1.9	0.4	1.0	
M1 016	10.2	84.5	1.7	2.0	0.4	1.3	Z
M1 017	8.2	84.8	2.9	1.4	0.3	2.4	
M1 018	8.6	86.9	2.2	0.9	0.4	1.1	
N	10	10	10	10	10	10	

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL HEMATOLOGY DATA

REPORT PRINT DATE: 28-AUG-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 1 PERIOD START DATE: 16-JUL-2000 PERIOD END DATE: 31-JUL-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
M2 001	10.72	8.52	15.7	45.3	53.2	18.5	34.7	1039.	1.33	8.78	0.32	0.18	0.03	0.08
M2 002	14.44	8.28	16.0	45.7	55.2	19.3	35.0	971.	0.78	13.15	0.24	0.11	0.06	0.11
M2 005	7.71	8.41	15.8	44.9	53.4	18.8	35.2	1085.	0.83	6.26	0.36	0.14	0.03	0.09
M2 006	12.71	8.93	16.2	48.2	54.0	18.2	33.6	1036.	1.03	11.04	0.24	0.26	0.06	0.09
M2 011	13.37	8.80	16.6	48.4	55.1	18.9	34.2	984.	0.84	11.83	0.36	0.11	0.09	0.15
M2 014	12.15	8.35	16.2	46.0	55.1	19.3	35.1	889.	0.81	10.68	0.32	0.13	0.05	0.16
M2 015	16.40	8.27	16.1	46.0	55.6	19.5	35.1	1042.	1.46	13.76	0.43	0.28	0.09	0.37
M2 016	11.23	8.45	15.1	43.8	51.9	17.9	34.5	778.	1.18	9.41	0.29	0.16	0.04	0.15
M2 017	10.28	7.91	15.1	44.6	56.5	19.1	33.9	940.	0.99	8.72	0.29	0.11	0.04	0.13
M2 018	9.36	8.39	15.2	44.4	53.0	18.2	34.3	937.	0.63	8.32	0.18	0.11	0.03	0.10
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
M2 001	12.4	81.9	3.0	1.6	0.2	0.8	
M2 002	5.4	91.0	1.7	0.7	0.4	0.7	
M2 005	10.7	81.3	4.6	1.8	0.4	1.2	Z
M2 006	8.1	86.8	1.9	2.0	0.4	0.7	
M2 011	6.3	88.5	2.7	0.8	0.6	1.1	
M2 014	6.7	87.9	2.6	1.0	0.4	1.3	Z
M2 015	8.9	83.9	2.7	1.7	0.6	2.3	Z
M2 016	10.5	83.8	2.6	1.4	0.3	1.3	
M2 017	9.7	84.8	2.8	1.1	0.4	1.3	
M2 018	6.7	88.9	1.9	1.2	0.3	1.0	Z
N	10	10	10	10	10	10	

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL HEMATOLOGY DATA

REPORT PRINT DATE: 28-AUG-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 1

PERIOD START DATE: 16-JUL-2000

PERIOD END DATE: 31-JUL-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
M3 001	13.70	9.19	17.1	49.6	54.0	18.6	34.4	860.	2.25	10.52	0.46	0.17	0.07	0.22
M3 002	13.45	8.54	16.3	46.8	54.8	19.1	34.9	1048.	1.67	10.99	0.35	0.19	0.08	0.16
M3 005	10.31	8.47	15.6	45.8	54.1	18.4	34.1	1047.	0.63	9.36	0.14	0.05	0.05	0.08
M3 006	13.72	8.30	15.8	46.2	55.6	19.1	34.3	906.	1.03	12.16	0.20	0.13	0.07	0.12
M3 011	10.96	8.35	16.1	46.1	55.3	19.3	34.9	1026.	1.04	9.30	0.34	0.15	0.04	0.10
M3 014	13.89	8.14	14.5	42.1	51.7	17.9	34.6	927.	0.92	12.30	0.31	0.20	0.05	0.11
M3 015	13.91	8.54	15.7	44.9	52.6	18.3	34.9	1075.	1.98	11.11	0.44	0.12	0.06	0.20
M3 016	11.50	8.43	15.4	45.1	53.4	18.3	34.2	777.	0.81	10.14	0.31	0.09	0.04	0.11
M3 017	16.04	8.32	15.1	45.6	54.7	18.2	33.2	826.	1.07	14.31	0.29	0.08	0.07	0.22
M3 018	11.44	8.51	15.9	46.2	54.3	18.6	34.3	956.	1.10	9.84	0.22	0.10	0.04	0.14
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
M3 001	16.4	76.8	3.3	1.3	0.5	1.6	
M3 002	12.4	81.7	2.6	1.4	0.6	1.2	
M3 005	6.1	90.8	1.4	0.5	0.5	0.8	
M3 006	7.5	88.6	1.5	1.0	0.5	0.9	
M3 011	9.5	84.9	3.1	1.3	0.3	0.9	
M3 014	6.6	88.5	2.2	1.5	0.4	0.8	Z
M3 015	14.2	79.9	3.2	0.8	0.4	1.5	Z
M3 016	7.0	88.2	2.7	0.8	0.4	1.0	
M3 017	6.7	89.2	1.8	0.5	0.4	1.4	
M3 018	9.6	86.0	2.0	0.9	0.4	1.2	
N	10	10	10	10	10	10	

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL HEMATOLOGY DATA

REPORT PRINT DATE: 28-AUG-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 1 PERIOD START DATE: 16-JUL-2000 PERIOD END DATE: 31-JUL-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
M4 001	7.70	8.80	16.0	46.5	52.8	18.2	34.4	857.	1.29	5.87	0.26	0.21	0.02	0.06
M4 002	12.82	7.90	15.3	44.0	55.7	19.3	34.7	1204.	0.89	11.36	0.22	0.22	0.04	0.09
M4 005	17.59	8.82	16.4	47.7	54.0	18.6	34.5	998.	2.23	14.44	0.44	0.25	0.12	0.11
M4 006	10.61	8.60	16.2	46.2	53.8	18.8	35.0	430.	1.22	8.79	0.35	0.10	0.05	0.10
M4 011	13.90	8.82	16.4	47.8	54.2	18.5	34.2	931.	0.83	12.41	0.28	0.07	0.07	0.23
M4 014	11.57	8.77	16.1	46.2	52.6	18.3	34.8	818.	1.85	8.95	0.44	0.09	0.04	0.20
M4 015	11.44	8.16	15.8	44.8	54.9	19.3	35.2	916.	0.95	9.99	0.21	0.10	0.05	0.14
M4 016	10.53	7.62	15.1	43.3	56.8	19.8	34.8	960.	1.12	8.87	0.18	0.18	0.04	0.14
M4 017	13.23	7.99	14.9	42.9	53.7	18.7	34.7	724.	1.18	10.85	0.30	0.65	0.05	0.20
M4 018	12.08	8.95	16.5	46.1	51.6	18.5	35.8	833.	1.43	9.84	0.40	0.14	0.05	0.21
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
M4 001	16.7	76.2	3.3	2.7	0.3	0.8	
M4 002	7.0	88.6	1.7	1.7	0.3	0.7	
M4 005	12.7	82.1	2.5	1.4	0.7	0.6	
M4 006	11.6	82.8	3.3	0.9	0.4	0.9	
M4 011	6.0	89.3	2.0	0.5	0.5	1.7	
M4 014	16.0	77.3	3.8	0.7	0.3	1.8	
M4 015	8.3	87.3	1.8	0.9	0.4	1.2	Z
M4 016	10.6	84.2	1.7	1.7	0.4	1.4	
M4 017	8.9	82.0	2.3	4.9	0.4	1.5	Z
M4 018	11.9	81.5	3.3	1.1	0.4	1.8	Z
N	10	10	10	10	10	10	

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL HEMATOLOGY DATA

REPORT PRINT DATE: 28-AUG-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 1 PERIOD START DATE: 16-JUL-2000 PERIOD END DATE: 31-JUL-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
M5 001	11.62	8.68	16.6	47.7	54.9	19.1	34.8	699.	1.81	9.17	0.33	0.12	0.06	0.14
M5 002	14.61	8.31	15.3	44.2	53.2	18.4	34.7	885.	1.03	13.01	0.22	0.11	0.07	0.18
M5 005	11.74	8.45	16.3	48.2	57.0	19.4	33.9	926.	0.75	10.23	0.44	0.15	0.07	0.10
M5 006	8.39	8.09	14.9	42.9	53.1	18.5	34.8	1042.	1.03	7.00	0.20	0.05	0.03	0.09
M5 011	12.94	8.10	15.6	46.3	57.2	19.3	33.8	907.	0.60	11.69	0.35	0.08	0.05	0.17
M5 014	7.18	8.19	15.4	44.3	54.1	18.8	34.8	854.	0.53	6.31	0.13	0.08	0.02	0.11
M5 015	10.30	8.04	15.4	43.5	54.1	19.1	35.4	997.	0.54	9.26	0.19	0.12	0.04	0.15
M5 016	11.30	8.43	16.7	47.2	56.0	19.8	35.4	781.	0.71	9.92	0.30	0.18	0.05	0.14
M5 017	8.40	8.33	15.2	43.6	52.4	18.3	34.9	818.	1.32	6.55	0.27	0.14	0.03	0.10
M5 018	9.45	8.17	15.5	44.6	54.6	19.0	34.9	907.	0.74	8.29	0.16	0.13	0.03	0.10
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
M5 001	15.6	78.9	2.8	1.0	0.5	1.2	
M5 002	7.0	89.0	1.5	0.7	0.5	1.2	
M5 005	6.4	87.1	3.7	1.3	0.6	0.9	
M5 006	12.2	83.4	2.3	0.6	0.3	1.1	
M5 011	4.7	90.3	2.7	0.6	0.4	1.3	
M5 014	7.4	87.9	1.8	1.1	0.3	1.5	
M5 015	5.2	89.8	1.9	1.2	0.4	1.5	
M5 016	6.3	87.8	2.6	1.6	0.4	1.2	
M5 017	15.7	78.0	3.2	1.6	0.3	1.2	
M5 018	7.9	87.7	1.7	1.4	0.3	1.1	
N	10	10	10	10	10	10	

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL HEMATOLOGY DATA

REPORT PRINT DATE: 28-AUG-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 1 PERIOD START DATE: 16-JUL-2000 PERIOD END DATE: 31-JUL-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
M6 001	10.79	8.17	15.4	44.3	54.2	18.8	34.7	1019.	1.40	8.80	0.31	0.11	0.04	0.12
M6 002	9.95	8.39	15.5	44.8	53.4	18.5	34.6	861.	0.96	8.45	0.30	0.11	0.05	0.08
M6 005	10.70	9.25	16.5	48.4	52.4	17.9	34.1	806.	1.41	8.66	0.28	0.17	0.06	0.12
M6 006	11.84	8.66	15.5	44.9	51.9	17.9	34.5	981.	0.78	10.56	0.25	0.12	0.06	0.07
M6 011	12.96	8.50	15.9	46.0	54.2	18.7	34.5	1039.	1.47	10.61	0.31	0.30	0.05	0.22
M6 014	13.60	8.34	15.8	45.4	54.4	19.0	34.9	790.	1.59	11.40	0.25	0.15	0.06	0.16
M6 015	11.80	9.10	16.7	47.1	51.7	18.4	35.5	886.	1.69	8.91	0.62	0.19	0.07	0.31
M6 016	11.79	8.52	16.3	46.1	54.1	19.1	35.3	748.	1.49	9.35	0.47	0.14	0.04	0.30
M6 017	10.69	8.54	15.8	44.9	52.6	18.5	35.2	926.	1.28	8.93	0.21	0.10	0.04	0.13
M6 018	9.58	8.74	15.5	45.2	51.7	17.7	34.2	969.	0.80	8.42	0.16	0.07	0.04	0.09
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
M6 001	13.0	81.6	2.9	1.0	0.4	1.1	Z
M6 002	9.6	84.9	3.0	1.1	0.5	0.8	
M6 005	13.2	81.0	2.6	1.6	0.5	1.2	Z
M6 006	6.6	89.1	2.1	1.1	0.5	0.6	Z
M6 011	11.3	81.9	2.4	2.3	0.4	1.7	Z
M6 014	11.7	83.8	1.8	1.1	0.4	1.2	Z
M6 015	14.3	75.5	5.3	1.6	0.6	2.6	
M6 016	12.6	79.3	4.0	1.2	0.3	2.6	
M6 017	12.0	83.5	1.9	0.9	0.4	1.2	Z
M6 018	8.3	87.9	1.7	0.7	0.4	0.9	
N	10	10	10	10	10	10	

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL HEMATOLOGY DATA

REPORT PRINT DATE: 28-AUG-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 1 PERIOD START DATE: 16-JUL-2000 PERIOD END DATE: 31-JUL-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
M7 001	17.16	8.47	16.2	46.2	54.6	19.1	35.0	995.	1.02	15.18	0.37	0.29	0.12	0.19
M7 002	15.82	8.40	15.4	44.6	53.1	18.4	34.6	882.	1.49	13.32	0.40	0.16	0.06	0.39
M7 005	12.68	8.83	15.9	46.7	52.9	18.1	34.1	1033.	1.22	10.78	0.30	0.24	0.06	0.08
M7 006	7.46	8.33	15.5	44.2	53.1	18.5	34.9	948.	0.81	6.39	0.10	0.08	0.04	0.04
M7 011	11.64	8.93	16.5	47.2	52.8	18.5	35.0	915.	0.86	10.09	0.35	0.16	0.05	0.12
M7 014	11.58	8.51	15.4	44.1	51.8	18.1	34.9	959.	2.77	8.04	0.38	0.16	0.05	0.19
M7 015	15.55	8.15	16.2	46.9	57.5	19.9	34.6	962.	0.67	14.10	0.38	0.13	0.09	0.18
M7 016	16.87	8.33	15.2	43.7	52.5	18.2	34.7	973.	1.28	14.72	0.39	0.22	0.08	0.20
M7 017	15.36	8.35	15.9	45.3	54.2	19.0	35.0	872.	0.88	13.61	0.39	0.14	0.07	0.26
M7 018	10.92	7.62	15.4	44.6	58.5	20.2	34.5	912.	0.98	9.38	0.27	0.09	0.06	0.13
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
M7 001	5.9	88.5	2.2	1.7	0.7	1.1	Z
M7 002	9.4	84.2	2.6	1.0	0.4	2.5	
M7 005	9.7	85.0	2.3	1.9	0.5	0.6	
M7 006	10.8	85.6	1.3	1.1	0.5	0.6	
M7 011	7.4	86.8	3.0	1.4	0.5	1.0	
M7 014	23.9	69.4	3.3	1.4	0.4	1.6	Z
M7 015	4.3	90.7	2.5	0.8	0.6	1.1	
M7 016	7.6	87.2	2.3	1.3	0.5	1.2	Z
M7 017	5.8	88.6	2.6	0.9	0.5	1.7	
M7 018	9.0	85.9	2.4	0.9	0.6	1.2	
N	10	10	10	10	10	10	

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL HEMATOLOGY DATA

REPORT PRINT DATE: 28-AUG-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 1 PERIOD START DATE: 16-JUL-2000 PERIOD END DATE: 31-JUL-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
M8 001	15.51	8.35	15.9	45.7	54.8	19.0	34.7	1004.	0.84	13.97	0.35	0.15	0.05	0.16
M8 002	18.05	8.37	16.0	45.6	54.5	19.2	35.1	1042.	1.28	16.18	0.27	0.08	0.11	0.13
M8 005	15.17	8.07	15.1	43.3	53.6	18.7	34.8	1003.	0.63	13.88	0.27	0.08	0.08	0.24
M8 006	11.84	8.83	16.6	48.0	54.4	18.8	34.5	934.	0.84	10.23	0.39	0.17	0.07	0.15
M8 011	18.50	8.64	15.4	44.6	51.6	17.9	34.6	945.	1.91	15.40	0.51	0.23	0.10	0.36
M8 014	8.73	8.51	15.6	44.1	51.9	18.3	35.3	999.	1.14	7.14	0.22	0.09	0.03	0.12
M8 015	14.80	8.41	16.2	46.4	55.2	19.3	34.9	865.	1.34	12.37	0.57	0.18	0.07	0.27
M8 016	14.94	8.60	16.0	46.5	54.0	18.6	34.4	993.	1.27	12.96	0.26	0.26	0.06	0.13
M8 017	16.43	9.16	16.6	47.3	51.7	18.2	35.1	899.	1.54	13.95	0.30	0.24	0.13	0.27
M8 018	11.76	8.24	16.0	46.8	56.8	19.5	34.3	1112.	1.06	9.97	0.24	0.16	0.04	0.29
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
M8 001	5.4	90.0	2.3	0.9	0.3	1.0	
M8 002	7.1	89.6	1.5	0.5	0.6	0.7	
M8 005	4.1	91.5	1.8	0.5	0.5	1.6	
M8 006	7.1	86.4	3.3	1.4	0.6	1.3	
M8 011	10.3	83.2	2.7	1.2	0.5	1.9	
M8 014	13.0	81.8	2.5	1.0	0.3	1.4	
M8 015	9.1	83.6	3.8	1.2	0.5	1.8	Z
M8 016	8.5	86.8	1.7	1.7	0.4	0.9	
M8 017	9.4	84.9	1.8	1.5	0.8	1.6	Z
M8 018	9.0	84.8	2.0	1.4	0.4	2.4	
N	10	10	10	10	10	10	

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL HEMATOLOGY DATA

REPORT PRINT DATE: 28-AUG-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 1 PERIOD START DATE: 16-JUL-2000 PERIOD END DATE: 31-JUL-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
M9 001	10.66	8.55	16.4	46.8	54.8	19.2	35.0	964.	1.01	8.88	0.39	0.14	0.06	0.18
M9 002	12.10	8.82	15.9	45.8	51.9	18.0	34.7	994.	1.09	10.48	0.28	0.09	0.04	0.12
M9 005	11.81	8.83	16.3	47.1	53.3	18.5	34.7	741.	1.64	9.47	0.36	0.17	0.06	0.10
M9 006	16.84	8.57	16.1	46.9	54.7	18.7	34.3	1263.	1.75	14.36	0.34	0.15	0.09	0.16
M9 011	12.34	8.56	16.3	47.4	55.3	19.0	34.4	983.	0.99	10.36	0.41	0.19	0.04	0.35
M9 014	21.56	8.64	15.8	45.1	52.2	18.2	34.9	1160.	1.23	19.25	0.39	0.21	0.12	0.36
M9 015	14.38	8.66	16.0	45.1	52.1	18.4	35.4	916.	1.30	12.29	0.37	0.19	0.06	0.16
M9 016	8.89	8.79	16.3	46.1	52.4	18.5	35.3	980.	1.36	7.00	0.25	0.16	0.03	0.09
M9 017	11.95	8.34	15.5	45.2	54.2	18.6	34.3	719.	1.53	9.47	0.42	0.17	0.04	0.31
M9 018	10.65	8.08	14.5	41.3	51.1	17.9	35.1	955.	1.09	8.87	0.36	0.09	0.04	0.19
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
M9 001	9.5	83.3	3.6	1.3	0.5	1.7	
M9 002	9.0	86.6	2.3	0.8	0.3	1.0	Z
M9 005	13.9	80.2	3.1	1.4	0.5	0.8	
M9 006	10.4	85.2	2.0	0.9	0.5	0.9	
M9 011	8.0	84.0	3.3	1.5	0.4	2.8	
M9 014	5.7	89.3	1.8	1.0	0.6	1.7	
M9 015	9.1	85.5	2.6	1.3	0.4	1.1	Z
M9 016	15.3	78.8	2.8	1.8	0.4	1.0	
M9 017	12.8	79.3	3.5	1.4	0.4	2.6	Z
M9 018	10.3	83.3	3.4	0.8	0.4	1.8	a
N	10	10	10	10	10	10	

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL HEMATOLOGY DATA

REPORT PRINT DATE: 28-AUG-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 1

PERIOD START DATE: 16-JUL-2000

PERIOD END DATE: 31-JUL-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
M10 001	11.09	9.25	17.1	49.2	53.2	18.5	34.7	826.	1.03	9.28	0.41	0.23	0.05	0.10
M10 002	9.62	8.42	15.8	45.3	53.8	18.7	34.8	846.	0.96	8.19	0.22	0.14	0.03	0.08
M10 005	10.60	8.66	16.7	48.5	55.9	19.2	34.4	909.	1.10	8.76	0.33	0.14	0.05	0.23
M10 006	16.85	8.65	15.8	44.7	51.6	18.2	35.3	954.	2.36	13.65	0.42	0.20	0.09	0.12
M10 011	15.33	8.25	15.5	45.2	54.7	18.8	34.3	941.	1.73	12.87	0.29	0.15	0.06	0.24
M10 014	9.81	8.48	15.8	45.9	54.1	18.7	34.5	1003.	1.71	7.58	0.19	0.19	0.03	0.11
M10 015	8.27	8.25	15.3	44.2	53.5	18.6	34.7	948.	0.77	7.12	0.16	0.06	0.03	0.13
M10 016	15.02	8.97	16.3	46.2	51.6	18.2	35.3	988.	1.42	12.78	0.37	0.19	0.08	0.18
M10 017	10.91	8.07	15.2	43.8	54.3	18.9	34.7	895.	0.63	9.74	0.25	0.07	0.04	0.18
M10 018	14.83	8.63	16.2	46.0	53.2	18.8	35.3	879.	1.77	12.17	0.42	0.18	0.07	0.23
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
M10 001	9.3	83.6	3.7	2.1	0.5	0.9	Z
M10 002	10.0	85.2	2.3	1.4	0.3	0.8	
M10 005	10.4	82.6	3.1	1.3	0.5	2.1	
M10 006	14.0	81.0	2.5	1.2	0.5	0.7	Z
M10 011	11.3	83.9	1.9	1.0	0.4	1.5	
M10 014	17.5	77.2	2.0	1.9	0.3	1.1	Z
M10 015	9.4	86.1	1.9	0.7	0.3	1.6	
M10 016	9.4	85.1	2.5	1.3	0.5	1.2	Z
M10 017	5.8	89.3	2.3	0.7	0.4	1.6	
M10 018	11.9	82.1	2.8	1.2	0.5	1.5	Z
N	10	10	10	10	10	10	

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL HEMATOLOGY DATA

REPORT PRINT DATE: 28-AUG-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 1 PERIOD START DATE: 16-JUL-2000 PERIOD END DATE: 31-JUL-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
F1 001	10.35	8.76	15.9	45.4	51.8	18.2	35.1	763.	1.38	8.37	0.23	0.13	0.04	0.20
F1 002	6.96	8.22	15.2	44.2	53.7	18.5	34.5	1007.	0.57	5.93	0.13	0.19	0.02	0.13
F1 005	11.61	7.78	14.8	41.2	52.9	19.1	36.0	895.	0.52	10.57	0.20	0.18	0.05	0.09
F1 006	9.32	7.95	15.1	42.7	53.7	19.0	35.4	918.	0.87	7.87	0.30	0.07	0.03	0.17
F1 011	18.33	7.52	14.4	41.0	54.5	19.2	35.3	1179.	1.36	15.99	0.41	0.18	0.10	0.30
F1 014	9.44	8.02	15.7	44.5	55.5	19.6	35.3	1067.	0.74	8.07	0.25	0.20	0.03	0.13
F1 015	6.20	8.42	15.8	46.0	54.6	18.7	34.3	943.	0.54	5.30	0.20	0.06	0.01	0.09
F1 016	7.25	8.48	15.2	44.0	51.9	17.9	34.5	1050.	0.65	6.19	0.17	0.10	0.01	0.13
F1 017	13.24	7.91	14.3	40.6	51.3	18.1	35.2	1140.	1.50	10.91	0.37	0.18	0.05	0.23
F1 018	7.68	7.64	14.6	38.7	50.6	19.2	37.9	859.	0.44	6.70	0.19	0.17	0.02	0.15
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
F1 001	13.3	80.9	2.2	1.3	0.4	1.9	
F1 002	8.1	85.1	1.8	2.7	0.3	1.9	
F1 005	4.5	91.0	1.7	1.5	0.4	0.8	Z
F1 006	9.4	84.5	3.2	0.8	0.4	1.8	
F1 011	7.4	87.2	2.2	1.0	0.5	1.7	
F1 014	7.9	85.5	2.7	2.2	0.3	1.4	
F1 015	8.7	85.5	3.2	1.0	0.2	1.4	
F1 016	8.9	85.3	2.3	1.4	0.2	1.8	
F1 017	11.4	82.4	2.8	1.4	0.4	1.7	
F1 018	5.7	87.2	2.5	2.3	0.3	2.0	
N	10	10	10	10	10	10	

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL HEMATOLOGY DATA

REPORT PRINT DATE: 28-AUG-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 1 PERIOD START DATE: 16-JUL-2000 PERIOD END DATE: 31-JUL-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
F2 001	6.24	7.66	14.3	40.7	53.2	18.6	35.0	871.	0.92	5.06	0.12	0.06	0.02	0.07
F2 002	8.63	7.94	15.5	44.4	55.9	19.5	35.0	858.	1.29	7.05	0.14	0.07	0.02	0.07
F2 005	5.74	7.99	14.9	42.2	52.8	18.7	35.4	958.	0.66	4.80	0.14	0.05	0.02	0.08
F2 006	11.87	7.83	15.1	42.8	54.7	19.2	35.2	1012.	1.27	10.08	0.23	0.14	0.05	0.10
F2 011	8.30	8.61	16.0	45.3	52.6	18.6	35.3	929.	0.85	7.06	0.13	0.13	0.03	0.09
F2 014	12.44	7.93	15.4	42.5	53.6	19.4	36.1	917.	0.75	11.03	0.30	0.16	0.03	0.16
F2 015	13.01	7.88	15.2	42.7	54.2	19.3	35.6	998.	0.76	11.68	0.18	0.16	0.06	0.18
F2 016	7.38	7.13	13.7	39.5	55.4	19.3	34.8	994.	0.90	6.16	0.13	0.10	0.02	0.07
F2 017	10.69	7.94	15.1	43.3	54.6	19.0	34.8	961.	1.06	8.78	0.39	0.13	0.04	0.29
F2 018	7.89	7.95	15.4	43.7	55.0	19.4	35.3	947.	1.03	6.41	0.23	0.10	0.02	0.11
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
F2 001	14.7	81.1	1.9	1.0	0.2	1.1	
F2 002	14.9	81.6	1.6	0.8	0.3	0.8	
F2 005	11.5	83.6	2.4	0.9	0.3	1.3	
F2 006	10.7	84.9	1.9	1.2	0.4	0.9	
F2 011	10.3	85.1	1.5	1.6	0.4	1.1	
F2 014	6.0	88.7	2.4	1.3	0.3	1.3	
F2 015	5.8	89.8	1.4	1.2	0.4	1.4	
F2 016	12.2	83.5	1.8	1.4	0.2	0.9	
F2 017	9.9	82.1	3.7	1.2	0.4	2.7	
F2 018	13.1	81.3	2.9	1.2	0.2	1.3	
N	10	10	10	10	10	10	

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL HEMATOLOGY DATA

REPORT PRINT DATE: 28-AUG-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 1 PERIOD START DATE: 16-JUL-2000 PERIOD END DATE: 31-JUL-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
F3 001	7.26	8.32	15.4	43.6	52.4	18.5	35.3	866.	0.81	6.17	0.10	0.06	0.02	0.10
F3 002	13.00	7.90	14.8	41.5	52.5	18.7	35.6	741.	0.97	11.27	0.30	0.23	0.06	0.17
F3 005	11.54	7.95	15.3	42.9	53.9	19.2	35.6	1020.	0.85	10.05	0.35	0.08	0.04	0.16
F3 006	9.99	8.12	15.1	43.6	53.7	18.6	34.6	980.	0.63	8.86	0.18	0.15	0.03	0.14
F3 011	8.50	8.25	14.8	42.4	51.4	17.9	34.8	1064.	0.53	7.57	0.19	0.11	0.01	0.08
F3 014	11.41	7.73	15.0	42.5	54.9	19.4	35.3	1051.	1.14	9.95	0.14	0.06	0.03	0.09
F3 015	8.66	7.70	12.6	42.6	55.4	16.4	29.6	1133.	0.78	7.33	0.29	0.10	0.03	0.14
F3 016	14.66	8.25	15.2	43.4	52.6	18.5	35.1	1382.	1.04	12.87	0.34	0.15	0.06	0.19
F3 017	11.71	8.11	15.4	44.1	54.4	19.0	34.9	970.	1.10	9.91	0.39	0.10	0.05	0.15
F3 018	10.19	8.02	15.8	45.8	57.1	19.7	34.6	799.	0.91	8.83	0.18	0.14	0.03	0.09
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
F3 001	11.2	85.0	1.4	0.8	0.3	1.3	
F3 002	7.5	86.7	2.3	1.7	0.5	1.3	
F3 005	7.4	87.1	3.1	0.7	0.4	1.4	
F3 006	6.3	88.7	1.8	1.5	0.3	1.4	
F3 011	6.2	89.1	2.2	1.3	0.2	0.9	Z
F3 014	10.0	87.2	1.3	0.5	0.2	0.8	
F3 015	8.9	84.6	3.3	1.1	0.3	1.7	
F3 016	7.1	87.8	2.3	1.0	0.4	1.3	
F3 017	9.4	84.6	3.4	0.9	0.4	1.3	
F3 018	8.9	86.7	1.7	1.4	0.3	0.9	
N	10	10	10	10	10	10	

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL HEMATOLOGY DATA

REPORT PRINT DATE: 28-AUG-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 1 PERIOD START DATE: 16-JUL-2000 PERIOD END DATE: 31-JUL-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
F4 001	7.18	7.63	14.3	41.0	53.8	18.7	34.8	996.	0.55	6.32	0.11	0.12	0.02	0.07
F4 002	7.06	7.72	14.6	41.0	53.1	18.9	35.6	834.	0.92	5.75	0.17	0.06	0.02	0.14
F4 005	8.73	7.90	14.3	40.4	51.2	18.1	35.3	1158.	0.95	7.45	0.13	0.10	0.03	0.08
F4 006	13.43	8.22	15.2	43.1	52.4	18.5	35.2	917.	0.59	12.41	0.17	0.09	0.06	0.12
F4 011	9.40	7.37	14.2	39.0	53.0	19.2	36.3	975.	0.69	8.27	0.23	0.12	0.02	0.07
F4 014	9.69	7.80	13.8	39.6	50.8	17.7	34.9	1160.	1.10	8.09	0.23	0.16	0.03	0.07
F4 015	11.41	8.61	15.7	44.7	52.0	18.2	35.1	1093.	0.71	9.79	0.47	0.20	0.05	0.20
F4 016	12.52	7.49	13.7	39.1	52.2	18.2	34.9	1119.	0.79	11.11	0.28	0.13	0.04	0.17
F4 017	8.22	7.82	14.1	40.6	51.9	18.0	34.7	845.	0.65	7.17	0.19	0.06	0.02	0.12
F4 018	9.33	8.26	16.1	46.0	55.7	19.5	35.0	910.	0.76	7.89	0.26	0.28	0.03	0.11
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
F4 001	7.7	88.0	1.6	1.6	0.3	0.9	
F4 002	13.1	81.4	2.5	0.8	0.2	2.0	
F4 005	10.9	85.3	1.5	1.1	0.3	0.9	Z
F4 006	4.4	92.4	1.2	0.6	0.4	0.9	
F4 011	7.3	88.0	2.4	1.3	0.3	0.8	
F4 014	11.4	83.5	2.3	1.7	0.3	0.8	
F4 015	6.2	85.7	4.1	1.7	0.4	1.8	
F4 016	6.3	88.7	2.2	1.0	0.3	1.3	
F4 017	7.9	87.2	2.3	0.8	0.3	1.5	
F4 018	8.2	84.6	2.7	3.0	0.3	1.2	
N	10	10	10	10	10	10	

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL HEMATOLOGY DATA

REPORT PRINT DATE: 28-AUG-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 1 PERIOD START DATE: 16-JUL-2000 PERIOD END DATE: 31-JUL-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
F5 001	6.02	7.68	14.3	40.7	53.0	18.6	35.1	1032.	0.66	5.12	0.08	0.09	0.01	0.05
F5 002	8.25	8.03	14.8	41.5	51.6	18.4	35.6	952.	0.45	7.23	0.27	0.12	0.02	0.14
F5 005	5.39	8.50	15.0	42.3	49.7	17.6	35.4	1179.	0.55	4.55	0.11	0.08	0.02	0.09
F5 006	14.66	8.45	16.1	45.0	53.3	19.0	35.7	1004.	1.30	12.52	0.38	0.18	0.06	0.22
F5 011	10.99	8.25	15.9	45.2	54.8	19.2	35.1	1024.	0.40	10.14	0.16	0.10	0.03	0.16
F5 014	9.40	7.66	15.3	42.5	55.5	20.0	35.9	893.	1.00	7.67	0.25	0.33	0.03	0.11
F5 015	15.67	8.03	14.9	42.9	53.5	18.6	34.8	1137.	0.87	14.06	0.32	0.16	0.08	0.18
F5 016	14.10	7.73	14.2	41.5	53.7	18.4	34.2	1009.	1.25	11.92	0.37	0.19	0.06	0.31
F5 017	8.96	8.17	14.8	42.7	52.3	18.1	34.7	960.	0.84	7.50	0.31	0.19	0.03	0.10
F5 018	8.62	7.90	14.4	40.8	51.7	18.2	35.2	1099.	0.90	7.12	0.33	0.12	0.02	0.13
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
F5 001	11.0	85.1	1.3	1.5	0.2	0.9	
F5 002	5.5	87.6	3.3	1.5	0.3	1.7	
F5 005	10.2	84.4	2.0	1.5	0.3	1.6	Z
F5 006	8.9	85.4	2.6	1.2	0.4	1.5	
F5 011	3.6	92.3	1.5	0.9	0.3	1.4	
F5 014	10.6	81.6	2.7	3.6	0.3	1.2	
F5 015	5.5	89.8	2.0	1.0	0.5	1.2	
F5 016	8.9	84.6	2.6	1.3	0.4	2.2	Z
F5 017	9.4	83.7	3.4	2.1	0.3	1.2	
F5 018	10.5	82.6	3.8	1.4	0.2	1.5	
N	10	10	10	10	10	10	

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL HEMATOLOGY DATA

REPORT PRINT DATE: 28-AUG-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 1 PERIOD START DATE: 16-JUL-2000 PERIOD END DATE: 31-JUL-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
F6 001	6.42	7.98	14.9	42.7	53.5	18.6	34.8	958.	1.05	5.03	0.14	0.10	0.01	0.09
F6 002	9.45	8.13	15.7	43.8	53.8	19.3	35.8	849.	0.81	8.10	0.31	0.10	0.04	0.09
F6 005	7.33	7.63	14.5	41.4	54.3	19.0	34.9	1092.	0.46	6.48	0.15	0.17	0.01	0.07
F6 006	10.86	8.04	15.2	42.6	53.0	18.9	35.7	965.	0.97	9.44	0.21	0.12	0.04	0.08
F6 011	10.32	8.51	15.7	44.3	52.1	18.4	35.4	1070.	0.55	9.10	0.29	0.22	0.04	0.13
F6 014														
F6 015	11.17	7.21	14.3	41.5	57.5	19.9	34.5	1152.	0.62	9.96	0.30	0.10	0.04	0.15
F6 016	9.12	7.90	14.8	41.9	53.0	18.8	35.5	1063.	0.84	7.83	0.26	0.06	0.02	0.10
F6 017	12.31	7.92	15.1	43.1	54.4	19.1	35.1	1063.	0.87	10.53	0.32	0.20	0.05	0.35
F6 018	10.15	8.26	15.2	42.9	52.0	18.4	35.3	946.	1.15	8.38	0.27	0.17	0.03	0.15
N	9	9	9	9	9	9	9	9	9	9	9	9	9	9

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
F6 001	16.4	78.3	2.1	1.5	0.2	1.4	
F6 002	8.5	85.7	3.3	1.0	0.4	1.0	
F6 005	6.2	88.4	2.0	2.3	0.2	0.9	Z
F6 006	9.0	87.0	1.9	1.1	0.3	0.7	
F6 011	5.3	88.2	2.8	2.1	0.4	1.2	
F6 014							A
F6 015	5.5	89.2	2.6	0.9	0.4	1.3	
F6 016	9.3	85.9	2.9	0.6	0.3	1.0	
F6 017	7.0	85.5	2.6	1.6	0.4	2.9	Z
F6 018	11.3	82.5	2.7	1.6	0.3	1.5	
N	9	9	9	9	9	9	

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL HEMATOLOGY DATA

REPORT PRINT DATE: 28-AUG-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 1 PERIOD START DATE: 16-JUL-2000 PERIOD END DATE: 31-JUL-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
F7 001	8.29	8.08	15.2	42.6	52.7	18.8	35.7	1074.	2.78	5.11	0.18	0.08	0.02	0.12
F7 002	10.36	8.72	15.6	44.7	51.2	17.9	34.9	973.	0.71	8.98	0.32	0.13	0.03	0.19
F7 005	8.68	8.22	15.1	43.9	53.4	18.4	34.4	903.	1.01	7.12	0.18	0.20	0.03	0.14
F7 006	12.07	7.72	14.9	42.6	55.2	19.2	34.9	1021.	1.01	10.51	0.24	0.17	0.03	0.11
F7 011	8.05	8.46	15.9	44.9	53.1	18.8	35.4	1018.	0.54	6.96	0.23	0.17	0.03	0.11
F7 014	10.00	7.70	14.8	41.4	53.8	19.3	35.8	907.	0.95	8.52	0.29	0.10	0.02	0.12
F7 015	10.74	7.80	14.7	42.5	54.6	18.8	34.5	981.	0.90	9.25	0.25	0.13	0.03	0.19
F7 016	8.50	8.26	16.1	44.4	53.8	19.5	36.2	1003.	0.73	7.24	0.25	0.18	0.03	0.06
F7 017	11.26	7.91	15.2	42.9	54.3	19.2	35.4	960.	1.12	9.45	0.34	0.19	0.04	0.11
F7 018	7.05	7.76	14.2	40.4	52.0	18.2	35.0	1084.	0.61	6.10	0.18	0.06	0.00	0.09
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
F7 001	33.5	61.7	2.2	1.0	0.3	1.4	
F7 002	6.9	86.6	3.1	1.3	0.3	1.8	Z
F7 005	11.6	82.0	2.1	2.3	0.3	1.6	
F7 006	8.4	87.1	2.0	1.4	0.3	0.9	
F7 011	6.7	86.5	2.9	2.1	0.4	1.4	
F7 014	9.5	85.3	2.9	1.0	0.2	1.2	Z
F7 015	8.3	86.1	2.3	1.2	0.3	1.7	
F7 016	8.6	85.2	2.9	2.1	0.4	0.7	
F7 017	10.0	83.9	3.1	1.7	0.3	1.0	
F7 018	8.7	86.5	2.5	0.9	0.1	1.3	Z
N	10	10	10	10	10	10	

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL HEMATOLOGY DATA

REPORT PRINT DATE: 28-AUG-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 1 PERIOD START DATE: 16-JUL-2000 PERIOD END DATE: 31-JUL-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
F8 001	8.23	7.94	14.6	41.9	52.8	18.4	34.8	1053.	0.66	7.25	0.14	0.06	0.02	0.10
F8 002	6.50	7.40	14.5	40.6	54.8	19.7	35.8	1066.	0.67	5.54	0.15	0.05	0.01	0.07
F8 005	7.51	7.87	14.0	40.7	51.7	17.8	34.4	1067.	0.46	6.74	0.13	0.08	0.02	0.09
F8 006	8.94	8.18	15.1	43.5	53.2	18.5	34.7	1023.	1.77	6.74	0.26	0.03	0.03	0.12
F8 011														
F8 014	12.47	8.15	15.8	44.7	54.8	19.3	35.2	1053.	0.60	11.16	0.31	0.20	0.05	0.15
F8 015	10.90	7.94	14.7	41.9	52.7	18.5	35.1	1221.	0.79	9.62	0.25	0.05	0.05	0.14
F8 016	12.09	7.19	13.0	37.3	51.9	18.1	35.0	1258.	1.17	10.37	0.21	0.14	0.04	0.15
F8 017	9.68	8.33	15.7	44.0	52.9	18.9	35.7	1094.	0.70	8.36	0.25	0.15	0.04	0.18
F8 018	10.37	8.03	14.8	42.1	52.5	18.4	35.0	1064.	0.82	9.09	0.18	0.14	0.02	0.11
N	9	9	9	9	9	9	9	9	9	9	9	9	9	9

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
F8 001	8.0	88.1	1.7	0.7	0.3	1.2	
F8 002	10.3	85.3	2.3	0.8	0.2	1.1	
F8 005	6.1	89.7	1.7	1.1	0.2	1.2	
F8 006	19.7	75.4	2.9	0.3	0.3	1.4	
F8 011							A
F8 014	4.8	89.5	2.5	1.6	0.4	1.2	
F8 015	7.2	88.3	2.3	0.5	0.4	1.3	
F8 016	9.7	85.8	1.7	1.1	0.4	1.3	
F8 017	7.2	86.4	2.6	1.5	0.5	1.8	
F8 018	7.9	87.7	1.8	1.4	0.2	1.1	
N	9	9	9	9	9	9	

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
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INDIVIDUAL HEMATOLOGY DATA

REPORT PRINT DATE: 28-AUG-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 1 PERIOD START DATE: 16-JUL-2000 PERIOD END DATE: 31-JUL-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
F9 001	3.72	7.74	15.0	42.4	54.9	19.4	35.4	1058.	0.63	2.94	0.07	0.04	0.00	0.04
F9 002	7.05	7.44	13.8	39.2	52.7	18.5	35.1	1045.	0.35	6.45	0.09	0.08	0.02	0.06
F9 005	9.04	7.41	14.3	40.6	54.7	19.3	35.3	992.	1.04	7.36	0.29	0.17	0.02	0.16
F9 006	15.45	8.29	15.7	44.6	53.7	18.9	35.2	956.	0.68	14.11	0.20	0.23	0.06	0.17
F9 011														
F9 014	10.91	8.13	15.5	44.1	54.2	19.0	35.1	1126.	0.81	9.67	0.16	0.09	0.04	0.14
F9 015	6.62	8.27	14.8	43.1	52.1	17.9	34.4	910.	0.62	5.48	0.23	0.13	0.02	0.14
F9 016	9.06	9.11	16.1	45.4	49.8	17.7	35.6	832.	1.83	6.72	0.20	0.17	0.04	0.10
F9 017	9.99	8.69	15.6	44.2	50.9	18.0	35.3	1256.	0.42	9.05	0.20	0.15	0.04	0.12
F9 018	7.68	7.63	13.8	39.8	52.1	18.1	34.7	1015.	1.18	5.92	0.26	0.18	0.02	0.12
N	9	9	9	9	9	9	9	9	9	9	9	9	9	9

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
F9 001	16.9	79.1	1.8	1.2	0.1	1.0	
F9 002	5.0	91.5	1.3	1.1	0.3	0.8	Z
F9 005	11.5	81.4	3.2	1.9	0.2	1.8	Z
F9 006	4.4	91.4	1.3	1.5	0.4	1.1	
F9 011							A
F9 014	7.4	88.6	1.5	0.8	0.4	1.3	
F9 015	9.4	82.7	3.5	2.0	0.3	2.1	
F9 016	20.2	74.1	2.2	1.9	0.4	1.2	
F9 017	4.2	90.6	2.0	1.5	0.4	1.2	
F9 018	15.3	77.2	3.4	2.3	0.2	1.6	
N	9	9	9	9	9	9	

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL HEMATOLOGY DATA

REPORT PRINT DATE: 28-AUG-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 1 PERIOD START DATE: 16-JUL-2000 PERIOD END DATE: 31-JUL-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
F10 001	7.43	8.18	15.1	42.5	52.0	18.4	35.4	945.	0.57	6.59	0.08	0.08	0.01	0.09
F10 002	7.82	8.24	15.5	44.1	53.5	18.8	35.2	1101.	0.70	6.79	0.12	0.10	0.02	0.08
F10 005	10.79	7.65	14.6	42.1	55.0	19.1	34.7	1098.	0.58	9.56	0.35	0.11	0.04	0.14
F10 006	8.81	8.08	14.5	41.4	51.3	18.0	35.1	1086.	0.42	8.05	0.15	0.10	0.02	0.07
F10 011	13.65	8.26	15.1	42.9	52.0	18.3	35.2	1059.	2.13	10.69	0.32	0.24	0.04	0.23
F10 014	9.16	8.22	15.6	44.3	53.8	18.9	35.2	1001.	0.91	7.76	0.23	0.10	0.03	0.13
F10 015	7.43	8.10	15.4	43.1	53.2	19.0	35.7	866.	0.90	6.23	0.15	0.05	0.01	0.09
F10 016	8.73	8.16	14.9	42.0	51.4	18.2	35.4	1043.	0.72	7.43	0.29	0.12	0.03	0.14
F10 017	6.78	7.94	15.0	42.9	54.0	18.9	35.0	1054.	0.82	5.46	0.23	0.16	0.02	0.09
F10 018	7.76	7.63	14.3	40.7	53.3	18.7	35.1	716.	1.64	5.52	0.33	0.14	0.02	0.11
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
F10 001	7.7	88.7	1.1	1.1	0.2	1.3	
F10 002	9.0	86.9	1.6	1.3	0.3	1.0	
F10 005	5.3	88.6	3.3	1.0	0.4	1.3	
F10 006	4.7	91.4	1.7	1.1	0.2	0.8	Z
F10 011	15.6	78.3	2.3	1.7	0.3	1.7	
F10 014	10.0	84.7	2.5	1.1	0.3	1.4	
F10 015	12.1	83.8	2.0	0.7	0.1	1.2	
F10 016	8.3	85.1	3.4	1.4	0.3	1.6	Z
F10 017	12.1	80.6	3.3	2.4	0.3	1.3	
F10 018	21.1	71.2	4.3	1.8	0.2	1.4	
N	10	10	10	10	10	10	

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL HEMATOLOGY DATA

REPORT PRINT DATE: 28-AUG-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 2 PERIOD START DATE: 12-SEP-2000 PERIOD END DATE: 27-SEP-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
M1 001	8.43	9.49	15.8	46.6	49.2	16.7	33.9	1000.	1.26	6.32	0.29	0.17	0.07	0.31
M1 002	9.11	8.52	15.1	43.5	51.0	17.8	34.8	1102.	0.92	7.82	0.11	0.11	0.04	0.10
M1 005	8.07	9.04	15.9	46.8	51.8	17.6	34.0	867.	1.08	6.28	0.41	0.11	0.06	0.14
M1 006	14.50	10.12	16.0	52.2	51.6	15.9	30.7	1360.	1.10	12.46	0.37	0.24	0.11	0.23
M1 011	6.67	8.35	14.5	42.8	51.3	17.3	33.8	987.	1.60	4.35	0.33	0.12	0.05	0.22
M1 014	12.57	9.70	16.7	49.1	50.6	17.2	34.0	917.	2.00	9.79	0.40	0.09	0.09	0.21
M1 015	7.65	9.01	15.7	45.2	50.1	17.4	34.8	1059.	0.87	6.25	0.22	0.10	0.07	0.15
M1 016	10.33	8.39	14.3	43.8	52.2	17.1	32.7	1089.	1.32	8.34	0.26	0.17	0.07	0.18
M1 017	4.23	8.03	14.4	43.4	54.0	18.0	33.3	847.	0.72	3.14	0.12	0.09	0.03	0.13
M1 018	6.51	8.70	15.1	43.9	50.5	17.3	34.3	1055.	1.45	4.48	0.30	0.09	0.05	0.15
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
M1 001	14.9	75.0	3.5	2.0	0.8	3.7	Z
M1 002	10.1	85.8	1.2	1.2	0.4	1.2	
M1 005	13.4	77.8	5.0	1.3	0.7	1.7	
M1 006	7.6	85.9	2.6	1.6	0.7	1.6	a
M1 011	24.0	65.2	5.0	1.8	0.7	3.3	Z
M1 014	15.9	77.9	3.2	0.7	0.7	1.7	
M1 015	11.3	81.7	2.8	1.3	0.9	2.0	
M1 016	12.8	80.8	2.5	1.6	0.7	1.7	Z
M1 017	17.0	74.2	2.9	2.2	0.6	3.1	
M1 018	22.3	68.8	4.5	1.4	0.7	2.3	
N	10	10	10	10	10	10	

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL HEMATOLOGY DATA

REPORT PRINT DATE: 28-AUG-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 2 PERIOD START DATE: 12-SEP-2000 PERIOD END DATE: 27-SEP-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
M2 001	11.02	8.90	15.2	44.4	49.9	17.0	34.1	978.	1.39	8.75	0.37	0.24	0.08	0.17
M2 002	11.58	8.67	15.9	45.8	52.8	18.4	34.8	890.	0.84	10.03	0.29	0.15	0.07	0.20
M2 005	7.67	8.49	14.8	43.6	51.3	17.4	34.0	942.	0.81	6.15	0.38	0.11	0.08	0.14
M2 006	13.62	8.93	15.5	45.9	51.4	17.3	33.7	1046.	1.03	11.58	0.37	0.24	0.13	0.26
M2 011	5.05	8.47	15.2	45.9	54.3	18.0	33.2	861.	0.67	4.06	0.13	0.05	0.05	0.10
M2 014	10.68	8.31	14.9	43.7	52.6	17.9	34.1	935.	1.40	8.29	0.49	0.16	0.09	0.25
M2 015	10.32	8.58	15.0	43.9	51.1	17.5	34.2	1165.	1.52	7.94	0.41	0.18	0.06	0.20
M2 016	7.63	8.71	14.6	43.8	50.2	16.8	33.4	794.	1.20	5.81	0.32	0.09	0.06	0.15
M2 017	7.33	8.18	14.5	43.8	53.6	17.7	33.1	907.	0.80	5.94	0.15	0.12	0.10	0.23
M2 018	7.77	8.95	15.1	44.8	50.1	16.9	33.7	912.	0.80	6.35	0.24	0.13	0.08	0.17
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
M2 001	12.6	79.5	3.4	2.2	0.8	1.6	Z
M2 002	7.3	86.7	2.5	1.3	0.6	1.7	
M2 005	10.5	80.2	4.9	1.4	1.1	1.9	
M2 006	7.6	85.1	2.7	1.8	0.9	1.9	
M2 011	13.3	80.3	2.6	0.9	0.9	2.0	
M2 014	13.1	77.6	4.6	1.5	0.8	2.4	Z
M2 015	14.7	77.0	4.0	1.8	0.6	1.9	Z
M2 016	15.7	76.2	4.2	1.2	0.7	2.0	
M2 017	10.9	81.0	2.0	1.7	1.3	3.1	
M2 018	10.3	81.7	3.1	1.7	1.0	2.2	Z
N	10	10	10	10	10	10	

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL HEMATOLOGY DATA

REPORT PRINT DATE: 28-AUG-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 2 PERIOD START DATE: 12-SEP-2000 PERIOD END DATE: 27-SEP-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
M3 001	10.00	9.29	15.7	46.3	49.8	16.9	34.0	970.	1.72	7.45	0.42	0.19	0.06	0.16
M3 002	8.92	8.50	15.1	43.8	51.5	17.8	34.6	899.	1.50	6.79	0.29	0.14	0.05	0.14
M3 005	6.63	8.69	14.9	43.3	49.8	17.1	34.3	1075.	0.56	5.62	0.17	0.09	0.05	0.14
M3 006	9.15	8.17	14.5	42.1	51.5	17.7	34.4	807.	0.97	7.77	0.14	0.08	0.06	0.13
M3 011	7.81	8.45	15.1	44.8	53.0	17.9	33.8	945.	0.92	6.26	0.30	0.08	0.07	0.17
M3 014	13.32	9.02	14.9	44.5	49.3	16.6	33.6	1014.	1.21	11.13	0.40	0.28	0.11	0.19
M3 015	9.48	8.64	14.8	44.2	51.1	17.1	33.5	930.	1.58	7.21	0.39	0.10	0.04	0.16
M3 016	12.80	8.92	15.1	45.0	50.4	16.9	33.6	777.	1.17	10.95	0.39	0.08	0.07	0.14
M3 017	10.69	7.68	13.7	41.0	53.4	17.8	33.4	795.	1.50	8.23	0.41	0.15	0.12	0.27
M3 018	9.34	8.35	14.8	43.9	52.5	17.8	33.8	1273.	1.69	6.82	0.31	0.12	0.08	0.31
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
M3 001	17.2	74.5	4.2	1.9	0.6	1.6	
M3 002	16.8	76.2	3.3	1.6	0.5	1.6	
M3 005	8.4	84.7	2.6	1.3	0.8	2.1	
M3 006	10.6	84.9	1.5	0.8	0.7	1.5	
M3 011	11.8	80.1	3.9	1.1	0.9	2.2	
M3 014	9.1	83.6	3.0	2.1	0.8	1.4	
M3 015	16.7	76.1	4.2	1.0	0.4	1.7	
M3 016	9.2	85.5	3.1	0.6	0.5	1.1	
M3 017	14.0	77.0	3.8	1.4	1.1	2.6	
M3 018	18.1	73.1	3.3	1.3	0.9	3.3	
N	10	10	10	10	10	10	

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL HEMATOLOGY DATA

REPORT PRINT DATE: 28-AUG-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 2 PERIOD START DATE: 12-SEP-2000 PERIOD END DATE: 27-SEP-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
M4 001	7.66	8.60	14.9	43.4	50.5	17.3	34.2	788.	1.25	5.81	0.30	0.13	0.06	0.12
M4 002	10.84	7.68	13.8	40.7	53.0	18.0	34.0	1101.	2.08	8.09	0.28	0.16	0.08	0.16
M4 005	10.31	7.91	13.7	40.3	51.0	17.4	34.1	911.	1.45	7.92	0.48	0.20	0.08	0.19
M4 006	5.87	9.15	16.2	47.6	52.0	17.7	34.0	869.	1.14	4.34	0.13	0.10	0.05	0.10
M4 011	5.05	8.49	15.0	43.8	51.6	17.6	34.2	882.	0.97	3.70	0.14	0.06	0.03	0.14
M4 014														
M4 015	10.34	8.71	15.7	46.3	53.2	18.0	33.8	980.	2.11	7.32	0.51	0.07	0.08	0.24
M4 016	7.08	8.05	14.9	43.8	54.4	18.5	34.0	983.	1.11	5.29	0.22	0.23	0.06	0.18
M4 017	6.17	8.39	14.0	40.8	48.6	16.7	34.3	1046.	1.06	4.56	0.24	0.08	0.05	0.18
M4 018	7.08	9.25	15.8	45.7	49.5	17.1	34.5	879.	1.16	5.37	0.26	0.11	0.07	0.12
N	9	9	9	9	9	9	9	9	9	9	9	9	9	9

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
M4 001	16.3	75.7	3.9	1.7	0.7	1.6	
M4 002	19.1	74.6	2.6	1.5	0.7	1.5	Z
M4 005	14.0	76.8	4.7	1.9	0.7	1.8	
M4 006	19.4	74.0	2.2	1.7	0.9	1.7	
M4 011	19.1	73.4	2.8	1.3	0.6	2.9	
M4 014							C
M4 015	20.4	70.8	4.9	0.7	0.8	2.3	Z
M4 016	15.7	74.7	3.1	3.2	0.9	2.5	Z
M4 017	17.2	73.9	4.0	1.4	0.7	2.9	Z
M4 018	16.4	75.8	3.7	1.6	0.9	1.7	
N	9	9	9	9	9	9	

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL HEMATOLOGY DATA

REPORT PRINT DATE: 28-AUG-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 2 PERIOD START DATE: 12-SEP-2000 PERIOD END DATE: 27-SEP-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
M5 001	9.89	9.21	16.1	46.6	50.6	17.5	34.6	702.	2.22	6.76	0.52	0.13	0.08	0.19
M5 002	15.88	8.77	15.3	43.6	49.7	17.4	35.1	865.	1.23	13.94	0.27	0.16	0.09	0.18
M5 005	6.41	8.43	15.4	46.0	54.5	18.3	33.6	899.	0.53	5.23	0.31	0.10	0.08	0.16
M5 006	6.63	8.89	15.4	44.7	50.2	17.3	34.3	1107.	1.11	5.01	0.23	0.08	0.04	0.16
M5 011	7.83	8.09	14.5	43.8	54.2	17.9	33.0	872.	0.51	6.70	0.30	0.09	0.07	0.17
M5 014	6.89	8.76	14.9	45.6	52.1	17.1	32.8	852.	0.82	5.53	0.22	0.11	0.06	0.14
M5 015	5.94	7.95	14.0	41.3	52.0	17.6	33.9	963.	0.69	4.67	0.31	0.09	0.05	0.14
M5 016	6.64	8.24	15.0	43.8	53.2	18.2	34.2	828.	0.75	5.24	0.32	0.15	0.04	0.14
M5 017	7.39	8.46	14.8	42.3	50.0	17.5	35.0	829.	1.28	5.42	0.34	0.10	0.07	0.17
M5 018	8.28	8.19	15.0	43.7	53.3	18.3	34.3	786.	0.59	7.28	0.15	0.11	0.05	0.10
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
M5 001	22.4	68.3	5.2	1.3	0.8	1.9	Z
M5 002	7.8	87.8	1.7	1.0	0.6	1.2	
M5 005	8.2	81.5	4.9	1.6	1.3	2.5	
M5 006	16.8	75.5	3.5	1.2	0.7	2.3	
M5 011	6.5	85.5	3.9	1.1	0.9	2.1	
M5 014	11.9	80.3	3.2	1.6	0.9	2.0	
M5 015	11.6	78.6	5.2	1.5	0.8	2.4	
M5 016	11.3	78.9	4.8	2.3	0.7	2.1	
M5 017	17.3	73.4	4.6	1.4	1.0	2.3	Z
M5 018	7.2	87.9	1.8	1.3	0.6	1.2	Z
N	10	10	10	10	10	10	

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL HEMATOLOGY DATA

REPORT PRINT DATE: 28-AUG-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 2 PERIOD START DATE: 12-SEP-2000 PERIOD END DATE: 27-SEP-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
M6 001	7.73	8.86	15.6	45.8	51.7	17.6	34.1	1136.	1.14	6.01	0.25	0.12	0.06	0.14
M6 002	9.04	8.66	15.3	44.6	51.4	17.6	34.3	867.	0.97	7.51	0.28	0.11	0.06	0.11
M6 005	6.60	8.74	14.9	44.1	50.4	17.0	33.7	740.	0.91	5.20	0.25	0.05	0.07	0.13
M6 006	6.28	8.71	14.9	43.7	50.2	17.1	34.1	1079.	0.63	5.21	0.15	0.10	0.04	0.15
M6 011	8.84	9.20	15.9	47.4	51.5	17.3	33.6	1177.	1.28	6.86	0.33	0.20	0.04	0.13
M6 014	7.93	8.80	15.1	45.3	51.5	17.2	33.4	787.	1.87	5.53	0.20	0.14	0.06	0.13
M6 015	10.12	9.22	15.6	45.0	48.7	16.9	34.7	854.	1.99	7.20	0.46	0.20	0.09	0.19
M6 016	6.47	7.88	14.2	41.6	52.8	18.0	34.1	841.	1.29	4.50	0.33	0.11	0.08	0.16
M6 017	7.99	8.91	15.3	45.2	50.7	17.1	33.8	935.	1.20	6.19	0.21	0.11	0.07	0.21
M6 018	8.21	9.00	15.6	44.8	49.8	17.3	34.7	987.	1.32	6.40	0.23	0.08	0.06	0.12
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
M6 001	14.8	77.8	3.3	1.6	0.7	1.8	Z
M6 002	10.7	83.1	3.1	1.3	0.6	1.3	
M6 005	13.7	78.7	3.8	0.8	1.0	2.0	
M6 006	10.0	83.0	2.4	1.5	0.7	2.4	Z
M6 011	14.4	77.6	3.7	2.3	0.4	1.5	a
M6 014	23.6	69.7	2.5	1.7	0.7	1.7	
M6 015	19.6	71.2	4.5	2.0	0.9	1.9	
M6 016	19.9	69.5	5.2	1.8	1.2	2.5	
M6 017	15.0	77.5	2.7	1.3	0.9	2.7	Z
M6 018	16.1	77.9	2.8	1.0	0.8	1.4	Z
N	10	10	10	10	10	10	

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL HEMATOLOGY DATA

REPORT PRINT DATE: 28-AUG-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 2 PERIOD START DATE: 12-SEP-2000 PERIOD END DATE: 27-SEP-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
M7 001	12.44	8.86	15.1	43.9	49.6	17.1	34.5	1123.	1.44	9.82	0.52	0.33	0.09	0.24
M7 002	14.72	8.63	15.0	44.0	51.0	17.4	34.0	905.	1.24	12.61	0.39	0.11	0.12	0.25
M7 005	6.91	9.15	15.2	45.1	49.3	16.6	33.8	1006.	0.88	5.50	0.18	0.16	0.06	0.12
M7 006	5.70	8.54	14.7	43.9	51.4	17.2	33.5	927.	1.13	4.23	0.12	0.07	0.06	0.10
M7 011	6.76	9.14	16.0	46.6	51.0	17.5	34.3	920.	1.23	4.94	0.28	0.08	0.07	0.17
M7 014	7.92	8.62	14.2	41.3	47.9	16.5	34.5	1090.	2.69	4.11	0.50	0.16	0.12	0.34
M7 015	7.49	7.67	15.0	43.6	56.9	19.5	34.3	920.	0.88	6.02	0.34	0.06	0.06	0.14
M7 016	12.10	8.61	14.4	41.9	48.7	16.7	34.3	977.	1.56	9.48	0.41	0.25	0.12	0.29
M7 017	8.78	8.57	15.1	43.6	50.8	17.6	34.6	907.	1.16	6.81	0.38	0.14	0.08	0.22
M7 018	7.37	8.01	15.1	43.9	54.8	18.9	34.5	946.	1.20	5.44	0.35	0.09	0.09	0.20
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
M7 001	11.6	78.9	4.2	2.7	0.7	1.9	a
M7 002	8.4	85.7	2.7	0.7	0.8	1.7	
M7 005	12.7	79.6	2.7	2.2	0.9	1.8	z
M7 006	19.8	74.2	2.0	1.2	1.0	1.7	
M7 011	18.1	73.0	4.2	1.2	1.0	2.6	
M7 014	34.0	51.8	6.4	2.0	1.5	4.2	z
M7 015	11.7	80.3	4.5	0.8	0.8	1.9	
M7 016	12.8	78.3	3.4	2.0	1.0	2.4	a
M7 017	13.2	77.5	4.3	1.6	0.9	2.4	a
M7 018	16.3	73.9	4.7	1.2	1.2	2.7	z
N	10	10	10	10	10	10	

STUDY NUMBER: 99091 INDIVIDUAL HEMATOLOGY DATA REPORT PRINT DATE: 28-AUG-2001
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT
STUDY START DATE: 7-JUN-2000 STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 2 PERIOD START DATE: 12-SEP-2000 PERIOD END DATE: 27-SEP-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
M8 001	10.03	8.67	15.2	44.2	50.9	17.5	34.4	1038.	0.97	8.33	0.31	0.12	0.06	0.24
M8 002	14.32	8.65	15.3	44.7	51.7	17.7	34.1	956.	1.01	12.52	0.37	0.09	0.10	0.23
M8 005	10.71	8.20	14.3	42.8	52.3	17.4	33.3	1007.	0.95	9.17	0.24	0.09	0.06	0.19
M8 006	8.61	8.83	15.3	46.0	52.0	17.3	33.2	895.	0.95	6.85	0.38	0.14	0.06	0.22
M8 011	13.46	8.95	14.6	43.7	48.8	16.3	33.3	884.	1.27	11.13	0.56	0.19	0.09	0.22
M8 014	7.08	8.86	15.1	44.5	50.2	17.0	33.8	1091.	1.86	4.69	0.26	0.09	0.07	0.12
M8 015	13.85	7.88	14.5	42.0	53.3	18.4	34.5	846.	2.11	10.30	0.66	0.25	0.16	0.38
M8 016	11.31	8.58	15.2	44.9	52.4	17.7	33.9	929.	1.58	8.90	0.34	0.24	0.08	0.17
M8 017	12.59	9.11	15.7	45.5	50.0	17.2	34.5	918.	2.31	9.30	0.41	0.22	0.12	0.22
M8 018	7.96	8.20	15.0	45.0	54.9	18.3	33.3	999.	1.68	5.72	0.14	0.15	0.09	0.18
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
M8 001	9.7	83.1	3.1	1.1	0.6	2.4	
M8 002	7.1	87.4	2.6	0.6	0.7	1.6	Z
M8 005	8.9	85.6	2.3	0.9	0.6	1.8	
M8 006	11.1	79.6	4.4	1.6	0.7	2.6	
M8 011	9.4	82.7	4.2	1.4	0.6	1.7	
M8 014	26.2	66.3	3.6	1.3	0.9	1.7	
M8 015	15.2	74.3	4.7	1.8	1.2	2.8	Z
M8 016	13.9	78.7	3.0	2.2	0.7	1.5	
M8 017	18.4	73.9	3.3	1.8	1.0	1.7	Z
M8 018	21.0	71.9	1.8	1.8	1.1	2.3	
N	10	10	10	10	10	10	

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL HEMATOLOGY DATA

REPORT PRINT DATE: 28-AUG-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 2 PERIOD START DATE: 12-SEP-2000 PERIOD END DATE: 27-SEP-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
M9 001	8.53	8.60	15.2	43.8	50.9	17.6	34.6	1108.	1.25	6.50	0.44	0.18	0.04	0.11
M9 002	11.68	8.71	14.7	43.0	49.4	16.9	34.1	945.	1.33	9.74	0.25	0.09	0.09	0.19
M9 005	6.03	9.00	15.5	46.7	51.9	17.3	33.3	871.	0.66	4.79	0.36	0.09	0.04	0.08
M9 006	11.44	9.10	16.1	47.5	52.2	17.6	33.8	1185.	1.57	9.34	0.20	0.07	0.07	0.19
M9 011	8.91	8.76	15.5	46.4	53.0	17.7	33.4	915.	0.95	7.12	0.29	0.15	0.10	0.30
M9 014	10.46	8.97	15.2	44.8	50.0	16.9	33.8	1130.	1.32	8.24	0.43	0.19	0.09	0.20
M9 015	6.89	9.16	15.4	45.4	49.6	16.9	34.0	981.	1.23	5.25	0.18	0.07	0.04	0.12
M9 016	7.57	8.69	14.8	43.4	49.9	17.0	34.1	840.	1.24	5.78	0.21	0.15	0.05	0.14
M9 017	8.78	8.27	14.9	43.6	52.8	18.0	34.1	720.	1.52	6.53	0.30	0.15	0.08	0.21
M9 018	8.79	7.57	13.3	38.5	50.8	17.6	34.6	1019.	1.18	6.83	0.40	0.13	0.07	0.18
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
M9 001	14.7	76.3	5.1	2.2	0.5	1.3	Z
M9 002	11.4	83.3	2.2	0.8	0.8	1.6	Z
M9 005	11.0	79.4	6.0	1.6	0.6	1.4	
M9 006	13.8	81.6	1.7	0.6	0.6	1.7	
M9 011	10.7	79.9	3.3	1.6	1.1	3.4	
M9 014	12.6	78.7	4.1	1.8	0.8	1.9	
M9 015	17.8	76.2	2.6	1.0	0.6	1.7	Z
M9 016	16.4	76.3	2.8	2.0	0.7	1.8	
M9 017	17.3	74.3	3.4	1.8	0.9	2.4	
M9 018	13.4	77.8	4.6	1.4	0.8	2.1	Z
N	10	10	10	10	10	10	

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL HEMATOLOGY DATA

REPORT PRINT DATE: 28-AUG-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 2 PERIOD START DATE: 12-SEP-2000 PERIOD END DATE: 27-SEP-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
M10 001	9.18	9.67	16.6	47.8	49.4	17.1	34.7	932.	1.30	6.93	0.45	0.22	0.09	0.20
M10 002	11.07	8.76	15.6	45.9	52.4	17.8	33.9	842.	1.09	9.36	0.26	0.13	0.07	0.16
M10 005	5.41	8.27	14.9	44.6	53.9	18.0	33.4	846.	0.77	4.17	0.20	0.10	0.04	0.13
M10 006	11.10	8.58	14.4	42.7	49.7	16.8	33.8	989.	2.52	7.81	0.39	0.14	0.07	0.17
M10 011	10.44	8.37	14.7	43.8	52.3	17.5	33.5	912.	1.25	8.48	0.28	0.13	0.06	0.23
M10 014	8.12	8.35	14.4	42.7	51.1	17.2	33.7	970.	2.13	5.43	0.25	0.11	0.06	0.15
M10 015	7.02	8.46	14.8	43.5	51.4	17.6	34.2	912.	0.84	5.77	0.16	0.09	0.05	0.11
M10 016	10.30	8.46	14.6	42.8	50.6	17.3	34.2	1103.	2.67	7.08	0.21	0.13	0.07	0.14
M10 017	4.96	8.02	14.3	42.8	53.4	17.9	33.4	722.	0.81	3.82	0.09	0.05	0.06	0.12
M10 018	7.27	8.29	14.4	43.0	51.9	17.4	33.5	947.	1.33	5.44	0.19	0.09	0.06	0.15
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
M10 001	14.1	75.5	4.9	2.4	0.9	2.2	
M10 002	9.9	84.5	2.4	1.2	0.7	1.4	
M10 005	14.2	77.0	3.8	1.8	0.8	2.3	
M10 006	22.7	70.4	3.5	1.3	0.6	1.5	
M10 011	12.0	81.2	2.7	1.3	0.6	2.2	
M10 014	26.2	66.9	3.1	1.4	0.7	1.8	Z
M10 015	11.9	82.2	2.2	1.2	0.8	1.6	Z
M10 016	25.9	68.8	2.0	1.2	0.7	1.4	Z
M10 017	16.4	77.1	1.9	1.0	1.2	2.5	
M10 018	18.3	74.8	2.7	1.3	0.8	2.1	Z
N	10	10	10	10	10	10	

STUDY NUMBER: 99091 INDIVIDUAL HEMATOLOGY DATA REPORT PRINT DATE: 28-AUG-2001
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT
STUDY START DATE: 7-JUN-2000 STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 2 PERIOD START DATE: 12-SEP-2000 PERIOD END DATE: 27-SEP-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
F1 001	5.69	8.14	14.8	43.3	53.2	18.2	34.2	787.	0.78	4.60	0.13	0.04	0.05	0.09
F1 002	6.69	8.00	14.6	43.4	54.3	18.2	33.6	1006.	0.52	5.79	0.14	0.07	0.05	0.13
F1 005	7.41	7.81	14.4	42.3	54.2	18.4	33.9	884.	0.84	6.11	0.19	0.11	0.04	0.12
F1 006	5.97	9.61	15.3	52.2	54.3	16.0	29.4	1121.	0.69	4.77	0.23	0.08	0.05	0.14
F1 011	14.25	7.15	14.0	38.6	54.0	19.6	36.2	1308.	2.07	11.43	0.27	0.17	0.09	0.23
F1 014	5.08	6.71	14.4	38.0	56.6	21.5	38.0	1000.	0.63	4.04	0.11	0.10	0.05	0.15
F1 015	4.79	8.05	15.1	45.2	56.1	18.7	33.4	973.	0.58	3.75	0.16	0.09	0.06	0.15
F1 016	5.03	8.97	15.8	48.5	54.0	17.6	32.6	1127.	0.74	3.79	0.20	0.12	0.04	0.15
F1 017	7.87	8.14	14.6	42.6	52.4	18.0	34.3	1074.	1.11	6.22	0.23	0.15	0.04	0.13
F1 018	6.35	7.55	13.3	39.5	52.3	17.6	33.8	792.	1.43	4.16	0.35	0.18	0.03	0.21
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
F1 001	13.7	80.8	2.4	0.7	0.8	1.6	
F1 002	7.7	86.5	2.1	1.0	0.7	2.0	
F1 005	11.3	82.4	2.6	1.5	0.5	1.6	
F1 006	11.5	79.9	3.9	1.4	0.9	2.4	
F1 011	14.5	80.2	1.9	1.2	0.6	1.6	
F1 014	12.5	79.5	2.2	1.9	1.0	2.9	
F1 015	12.0	78.2	3.4	1.9	1.2	3.2	
F1 016	14.7	75.3	4.0	2.3	0.8	2.9	
F1 017	14.1	79.1	2.9	1.9	0.5	1.6	
F1 018	22.5	65.4	5.5	2.9	0.5	3.2	
N	10	10	10	10	10	10	

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL HEMATOLOGY DATA

REPORT PRINT DATE: 28-AUG-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 2 PERIOD START DATE: 12-SEP-2000 PERIOD END DATE: 27-SEP-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
F2 001														
F2 002	7.52	8.09	15.5	46.0	56.8	19.2	33.8	807.	0.80	6.33	0.16	0.05	0.07	0.12
F2 005	4.91	8.07	15.1	43.7	54.1	18.7	34.6	719.	0.62	4.08	0.06	0.03	0.03	0.09
F2 006	5.67	7.77	14.7	42.9	55.1	18.9	34.4	995.	0.77	4.52	0.13	0.09	0.05	0.11
F2 011	7.08	8.66	15.7	45.8	52.8	18.2	34.4	934.	1.47	5.19	0.14	0.12	0.06	0.10
F2 014	5.73	8.22	15.3	44.2	53.8	18.6	34.6	854.	0.57	4.66	0.19	0.10	0.05	0.14
F2 015	5.75	7.96	14.8	43.5	54.6	18.6	34.0	926.	0.56	4.57	0.27	0.12	0.05	0.18
F2 016	5.69	7.12	13.7	40.4	56.7	19.3	34.0	862.	0.77	4.49	0.17	0.06	0.06	0.14
F2 017	6.31	7.88	14.6	44.1	55.9	18.5	33.1	1159.	1.61	4.10	0.31	0.06	0.05	0.17
F2 018	4.91	8.05	15.6	45.1	56.0	19.4	34.7	879.	0.74	3.94	0.09	0.04	0.03	0.08
N	9	9	9	9	9	9	9	9	9	9	9	9	9	9

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
F2 001							B
F2 002	10.7	84.2	2.1	0.6	0.9	1.6	
F2 005	12.7	83.0	1.3	0.7	0.6	1.7	
F2 006	13.6	79.7	2.3	1.6	1.0	1.9	
F2 011	20.8	73.3	2.0	1.7	0.8	1.5	
F2 014	10.0	81.3	3.4	1.8	0.9	2.5	
F2 015	9.8	79.4	4.7	2.1	0.8	3.1	
F2 016	13.5	78.9	3.0	1.0	1.1	2.4	
F2 017	25.6	64.9	4.9	1.0	0.8	2.7	
F2 018	15.0	80.1	1.9	0.8	0.7	1.6	
N	9	9	9	9	9	9	

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL HEMATOLOGY DATA

REPORT PRINT DATE: 28-AUG-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 2 PERIOD START DATE: 12-SEP-2000 PERIOD END DATE: 27-SEP-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
F3 001	6.70	7.73	14.4	42.0	54.3	18.6	34.2	714.	1.20	5.17	0.10	0.04	0.07	0.12
F3 002	6.36	7.89	14.3	42.0	53.3	18.1	33.9	727.	1.13	4.71	0.20	0.11	0.05	0.16
F3 005	5.94	7.49	14.1	40.7	54.3	18.8	34.7	892.	0.71	4.61	0.34	0.06	0.05	0.16
F3 006	5.01	8.26	15.1	43.6	52.8	18.3	34.6	872.	0.69	3.85	0.19	0.14	0.03	0.10
F3 011	5.91	8.05	13.6	41.3	51.3	16.9	33.0	947.	0.65	4.44	0.45	0.12	0.04	0.21
F3 014	8.10	7.87	14.9	43.1	54.8	19.0	34.6	905.	0.84	6.76	0.22	0.07	0.07	0.15
F3 015	6.38	7.35	14.0	40.3	54.9	19.1	34.8	1054.	0.79	4.88	0.33	0.10	0.06	0.20
F3 016	6.29	8.09	14.5	42.6	52.7	17.9	33.9	1336.	0.63	5.28	0.12	0.08	0.05	0.12
F3 017	10.19	8.04	15.2	44.9	55.9	18.9	33.8	911.	1.19	8.32	0.32	0.09	0.06	0.20
F3 018	8.72	7.44	14.6	42.7	57.5	19.7	34.2	1056.	1.07	7.13	0.19	0.11	0.04	0.18
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
F3 001	17.9	77.1	1.5	0.6	1.1	1.7	
F3 002	17.8	74.0	3.1	1.7	0.9	2.6	
F3 005	11.9	77.7	5.8	1.1	0.8	2.7	
F3 006	13.7	76.9	3.9	2.9	0.6	2.0	
F3 011	10.9	75.2	7.7	2.1	0.6	3.6	
F3 014	10.3	83.3	2.7	0.9	0.9	1.9	
F3 015	12.4	76.5	5.2	1.6	1.0	3.2	
F3 016	10.0	83.9	2.0	1.3	0.7	2.0	
F3 017	11.7	81.7	3.2	0.9	0.6	1.9	
F3 018	12.2	81.8	2.2	1.2	0.5	2.1	
N	10	10	10	10	10	10	

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL HEMATOLOGY DATA

REPORT PRINT DATE: 28-AUG-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 2 PERIOD START DATE: 12-SEP-2000 PERIOD END DATE: 27-SEP-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
F4 001	6.83	7.70	14.1	41.7	54.1	18.3	33.9	895.	0.71	5.59	0.24	0.11	0.05	0.12
F4 002	5.35	7.74	14.4	41.8	54.1	18.7	34.5	749.	0.48	4.48	0.15	0.08	0.06	0.12
F4 005	7.04	8.44	14.7	43.0	51.0	17.4	34.2	1061.	0.85	5.75	0.22	0.07	0.05	0.10
F4 006	10.77	8.67	15.5	44.7	51.6	17.9	34.7	973.	1.20	8.92	0.27	0.09	0.09	0.20
F4 011	6.50	7.78	14.4	41.6	53.4	18.5	34.6	1018.	1.01	4.97	0.25	0.07	0.04	0.15
F4 014	6.34	7.99	13.6	39.6	49.6	17.0	34.3	1345.	0.86	4.88	0.26	0.11	0.05	0.18
F4 015	5.84	9.05	16.1	47.0	51.9	17.8	34.2	849.	0.75	4.58	0.24	0.10	0.05	0.12
F4 016	7.01	7.12	12.9	38.1	53.5	18.1	33.9	984.	0.98	5.45	0.27	0.12	0.05	0.14
F4 017														
F4 018	12.29	7.92	15.1	44.3	55.9	19.1	34.1	994.	1.88	9.46	0.42	0.25	0.08	0.19
N	9	9	9	9	9	9	9	9	9	9	9	9	9	9

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
F4 001	10.5	81.9	3.5	1.6	0.7	1.8	
F4 002	8.9	83.6	2.7	1.5	1.0	2.2	
F4 005	12.1	81.6	3.1	1.1	0.7	1.4	
F4 006	11.1	82.9	2.5	0.8	0.8	1.9	
F4 011	15.6	76.5	3.9	1.0	0.6	2.4	
F4 014	13.5	77.0	4.1	1.7	0.8	2.8	
F4 015	12.8	78.4	4.2	1.8	0.8	2.0	
F4 016	14.0	77.7	3.9	1.6	0.7	2.0	
F4 017							B
F4 018	15.3	77.0	3.4	2.1	0.7	1.5	
N	9	9	9	9	9	9	

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL HEMATOLOGY DATA

REPORT PRINT DATE: 28-AUG-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 2 PERIOD START DATE: 12-SEP-2000 PERIOD END DATE: 27-SEP-2000

TEST TYPE:		WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:		X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL															
F5	001	6.43	8.06	14.5	43.4	53.8	18.0	33.5	1002.	0.79	5.24	0.19	0.07	0.04	0.10
F5	002	6.96	7.81	14.2	41.6	53.3	18.3	34.2	872.	0.72	5.57	0.27	0.16	0.05	0.19
F5	005	7.53	8.48	14.7	42.8	50.5	17.3	34.3	1162.	0.87	6.02	0.25	0.06	0.09	0.24
F5	006	10.48	8.12	14.6	42.0	51.7	18.0	34.8	878.	0.84	8.87	0.28	0.08	0.11	0.30
F5	011	9.17	8.19	15.7	44.8	54.7	19.2	35.2	939.	0.58	7.96	0.22	0.15	0.08	0.18
F5	014	5.82	7.18	13.6	39.9	55.6	18.9	34.1	985.	0.83	4.41	0.18	0.15	0.05	0.20
F5	015	7.82	8.33	15.4	45.0	54.0	18.5	34.2	1043.	0.72	6.42	0.37	0.07	0.07	0.17
F5	016	7.25	7.89	14.4	42.4	53.7	18.3	34.0	951.	1.04	5.66	0.29	0.11	0.04	0.10
F5	017	6.46	8.16	15.0	43.3	53.1	18.3	34.6	832.	1.08	4.78	0.32	0.13	0.04	0.13
F5	018	6.47	8.12	14.7	43.2	53.2	18.1	34.0	1050.	0.88	5.06	0.25	0.08	0.04	0.16
N		10	10	10	10	10	10	10	10	10	10	10	10	10	10

TEST TYPE:		NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:		%	%	%	%	%	%	
ANIMAL								
F5	001	12.3	81.6	2.9	1.0	0.6	1.5	
F5	002	10.3	80.0	3.9	2.3	0.8	2.7	
F5	005	11.5	80.0	3.3	0.8	1.2	3.2	
F5	006	8.0	84.7	2.7	0.8	1.0	2.9	
F5	011	6.4	86.8	2.4	1.6	0.9	1.9	
F5	014	14.3	75.8	3.1	2.5	0.9	3.4	
F5	015	9.3	82.0	4.8	0.9	0.8	2.2	
F5	016	14.4	78.1	4.1	1.5	0.6	1.4	
F5	017	16.7	73.9	4.9	2.0	0.6	2.0	
F5	018	13.6	78.2	3.9	1.3	0.6	2.4	
N		10	10	10	10	10	10	

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL HEMATOLOGY DATA

REPORT PRINT DATE: 28-AUG-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 2 PERIOD START DATE: 12-SEP-2000 PERIOD END DATE: 27-SEP-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
F6 001	6.92	8.18	14.5	44.0	53.9	17.7	32.9	926.	0.62	5.72	0.22	0.15	0.06	0.15
F6 002	4.57	7.69	14.5	43.8	56.9	18.9	33.2	964.	0.54	3.67	0.21	0.06	0.03	0.07
F6 005	5.41	7.76	14.6	42.3	54.5	18.8	34.4	958.	0.45	4.53	0.20	0.10	0.04	0.09
F6 006	12.30	7.96	14.6	42.2	53.0	18.3	34.6	888.	1.31	10.33	0.23	0.13	0.09	0.21
F6 011	6.60	8.12	14.7	42.0	51.7	18.1	35.0	870.	0.52	5.60	0.20	0.11	0.05	0.12
F6 014	13.11	8.34	15.2	43.8	52.5	18.2	34.7	949.	6.21	5.87	0.46	0.10	0.11	0.36
F6 015	6.85	7.62	14.9	44.5	58.4	19.5	33.4	965.	0.51	5.81	0.24	0.06	0.06	0.17
F6 016	6.75	8.03	14.5	42.6	53.1	18.1	34.1	1079.	0.96	5.18	0.33	0.08	0.05	0.15
F6 017	5.46	7.63	14.0	41.4	54.3	18.4	33.9	932.	0.78	4.12	0.26	0.10	0.06	0.14
F6 018	7.34	8.13	14.9	43.4	53.4	18.3	34.4	810.	1.24	5.60	0.23	0.10	0.04	0.12
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
F6 001	9.0	82.6	3.2	2.1	0.8	2.2	
F6 002	11.9	80.2	4.6	1.3	0.6	1.5	
F6 005	8.2	83.7	3.7	1.9	0.7	1.7	
F6 006	10.6	84.0	1.9	1.0	0.7	1.7	
F6 011	7.9	84.9	3.0	1.6	0.8	1.9	
F6 014	47.4	44.8	3.5	0.8	0.8	2.7	
F6 015	7.5	84.8	3.5	0.9	0.8	2.5	
F6 016	14.2	76.8	5.0	1.2	0.7	2.2	
F6 017	14.3	75.4	4.7	1.9	1.0	2.6	
F6 018	17.0	76.4	3.1	1.3	0.6	1.6	
N	10	10	10	10	10	10	

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL HEMATOLOGY DATA

REPORT PRINT DATE: 28-AUG-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 2 PERIOD START DATE: 12-SEP-2000 PERIOD END DATE: 27-SEP-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
F7 001	6.36	8.08	15.1	42.8	53.0	18.7	35.3	900.	1.19	4.79	0.20	0.05	0.04	0.09
F7 002	7.53	8.91	15.7	46.8	52.5	17.6	33.5	807.	0.74	6.15	0.27	0.09	0.08	0.21
F7 005	9.63	8.19	14.8	43.9	53.6	18.1	33.8	714.	1.10	7.67	0.40	0.19	0.06	0.21
F7 006	9.73	7.93	14.9	43.5	54.9	18.8	34.3	953.	1.02	8.14	0.21	0.12	0.07	0.17
F7 011	6.27	8.37	15.3	43.6	52.1	18.3	35.1	808.	0.78	5.02	0.20	0.09	0.04	0.13
F7 014	6.44	7.91	14.5	42.4	53.6	18.4	34.3	848.	0.69	5.14	0.28	0.10	0.05	0.18
F7 015	6.34	7.86	15.0	44.4	56.5	19.1	33.8	843.	0.69	5.05	0.25	0.07	0.07	0.21
F7 016	5.71	7.99	15.0	43.1	53.9	18.7	34.7	875.	0.67	4.59	0.24	0.08	0.04	0.10
F7 017	6.23	8.31	15.9	46.1	55.5	19.1	34.4	993.	0.66	5.00	0.23	0.14	0.05	0.15
F7 018	7.03	8.41	15.1	44.6	53.0	18.0	33.9	991.	0.83	5.83	0.18	0.03	0.05	0.10
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
F7 001	18.6	75.3	3.1	0.8	0.6	1.5	
F7 002	9.8	81.6	3.5	1.2	1.0	2.8	
F7 005	11.5	79.6	4.1	2.0	0.7	2.1	
F7 006	10.5	83.7	2.1	1.3	0.7	1.7	
F7 011	12.5	80.1	3.2	1.5	0.6	2.1	
F7 014	10.8	79.8	4.3	1.6	0.8	2.8	
F7 015	10.8	79.7	4.0	1.1	1.1	3.3	
F7 016	11.7	80.3	4.2	1.4	0.6	1.8	
F7 017	10.6	80.2	3.7	2.2	0.9	2.4	
F7 018	11.8	83.0	2.6	0.5	0.8	1.4	
N	10	10	10	10	10	10	

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL HEMATOLOGY DATA

REPORT PRINT DATE: 28-AUG-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 2 PERIOD START DATE: 12-SEP-2000 PERIOD END DATE: 27-SEP-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
F8 001	6.73	7.89	14.3	41.8	53.0	18.2	34.3	1017.	0.87	5.48	0.15	0.04	0.05	0.14
F8 002	4.74	7.25	13.6	40.3	55.5	18.7	33.8	906.	0.59	3.79	0.19	0.05	0.03	0.09
F8 005	8.97	8.16	14.6	42.3	51.8	17.8	34.4	1056.	0.75	7.62	0.25	0.12	0.07	0.16
F8 006	6.34	8.44	15.2	44.0	52.1	18.0	34.6	971.	1.16	4.76	0.24	0.02	0.03	0.14
F8 011	5.64	7.73	14.5	43.2	55.8	18.7	33.5	642.	0.65	4.51	0.18	0.10	0.05	0.16
F8 014	7.64	8.49	15.2	45.1	53.1	17.9	33.8	1155.	1.31	5.64	0.35	0.11	0.07	0.16
F8 015	6.44	8.27	15.3	44.0	53.2	18.5	34.7	1038.	0.81	5.26	0.16	0.05	0.03	0.13
F8 016	11.33	8.05	14.7	42.1	52.2	18.2	34.9	1268.	1.59	8.92	0.47	0.13	0.05	0.17
F8 017	6.80	8.01	15.0	43.5	54.3	18.8	34.5	882.	0.74	5.58	0.24	0.07	0.03	0.12
F8 018	9.47	8.64	15.8	46.3	53.5	18.2	34.1	923.	1.26	7.49	0.29	0.19	0.07	0.17
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
F8 001	12.9	81.5	2.2	0.7	0.7	2.0	
F8 002	12.5	79.9	4.1	1.0	0.7	1.8	
F8 005	8.4	84.9	2.8	1.3	0.8	1.8	
F8 006	18.3	75.0	3.7	0.3	0.5	2.1	
F8 011	11.5	80.0	3.1	1.8	0.8	2.8	
F8 014	17.1	73.8	4.6	1.5	0.9	2.1	
F8 015	12.5	81.7	2.5	0.8	0.4	2.0	
F8 016	14.0	78.8	4.2	1.1	0.5	1.5	
F8 017	10.9	82.1	3.6	1.1	0.5	1.7	
F8 018	13.3	79.1	3.1	2.0	0.7	1.8	
N	10	10	10	10	10	10	

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL HEMATOLOGY DATA

REPORT PRINT DATE: 28-AUG-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 2 PERIOD START DATE: 12-SEP-2000 PERIOD END DATE: 27-SEP-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
F9 001	6.20	7.46	14.2	41.6	55.7	19.0	34.1	905.	0.99	4.74	0.25	0.04	0.04	0.15
F9 002	4.82	7.53	13.6	39.8	52.8	18.0	34.2	953.	0.63	3.86	0.14	0.05	0.04	0.10
F9 005	5.62	8.06	14.7	42.7	53.0	18.3	34.5	956.	1.19	3.89	0.26	0.16	0.04	0.09
F9 006	7.82	7.51	14.0	39.6	52.7	18.6	35.3	1002.	0.73	6.48	0.24	0.14	0.07	0.17
F9 011	4.68	8.10	14.6	42.7	52.7	18.0	34.1	864.	0.41	3.90	0.14	0.11	0.02	0.10
F9 014	5.94	7.88	15.1	44.6	56.6	19.2	33.9	850.	0.72	4.92	0.13	0.05	0.03	0.09
F9 015	4.79	8.14	14.5	43.2	53.1	17.8	33.5	877.	1.00	3.27	0.21	0.08	0.06	0.18
F9 016	5.29	8.74	15.2	44.4	50.8	17.4	34.2	1049.	1.05	3.58	0.37	0.09	0.04	0.17
F9 017	6.32	8.64	15.6	44.8	51.9	18.1	34.9	1086.	0.53	5.47	0.12	0.07	0.05	0.08
F9 018	8.83	8.35	15.3	44.6	53.4	18.3	34.2	993.	2.07	6.05	0.27	0.21	0.07	0.17
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
F9 001	16.0	76.4	4.0	0.6	0.6	2.4	
F9 002	13.0	80.2	2.8	1.1	0.8	2.1	
F9 005	21.1	69.1	4.6	2.9	0.7	1.6	
F9 006	9.3	82.8	3.0	1.8	0.9	2.1	
F9 011	8.8	83.2	2.9	2.4	0.5	2.2	
F9 014	12.1	82.8	2.2	0.9	0.5	1.5	
F9 015	20.8	68.1	4.3	1.7	1.3	3.7	
F9 016	19.9	67.6	6.9	1.7	0.8	3.2	
F9 017	8.3	86.6	1.9	1.2	0.7	1.3	
F9 018	23.4	68.6	3.0	2.3	0.7	1.9	
N	10	10	10	10	10	10	

STUDY NUMBER: 99091 INDIVIDUAL HEMATOLOGY DATA REPORT PRINT DATE: 28-AUG-2001
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT
STUDY START DATE: 7-JUN-2000 STRAIN/BREED: SPRAGUE-DAWLEY

PERIOD: 2 PERIOD START DATE: 12-SEP-2000 PERIOD END DATE: 27-SEP-2000

TEST TYPE:	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	PLT	ABS NEUT	ABS LYMPH	ABS MONO	ABS EOS	ABS BASO	ABS LUC
UNITS:	X10E3 uL	X10E6 uL	g/dl	%	fL	pg	g/dl	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL	X10E3 uL
ANIMAL														
F10 001	6.44	7.92	13.9	41.3	52.1	17.5	33.7	895.	0.95	5.17	0.10	0.08	0.05	0.10
F10 002	5.29	8.11	15.2	43.7	53.9	18.8	34.8	894.	0.49	4.38	0.22	0.06	0.04	0.11
F10 005	9.03	7.96	15.0	43.7	54.9	18.8	34.3	964.	0.63	7.84	0.26	0.09	0.07	0.14
F10 006	7.09	8.06	13.8	39.5	49.0	17.1	35.0	1091.	0.38	6.28	0.15	0.09	0.05	0.14
F10 011	11.40	7.62	13.7	40.2	52.8	18.0	34.2	966.	1.64	9.11	0.22	0.07	0.10	0.25
F10 014	5.64	7.93	15.0	43.0	54.3	18.9	34.8	883.	0.82	4.32	0.24	0.11	0.03	0.12
F10 015	5.86	8.59	15.8	46.5	54.1	18.3	33.9	810.	0.93	4.50	0.22	0.05	0.05	0.12
F10 016	6.06	8.61	15.3	44.6	51.8	17.8	34.4	980.	0.62	4.89	0.25	0.10	0.05	0.15
F10 017	6.62	8.19	15.4	45.4	55.4	18.8	34.0	1037.	0.86	5.01	0.40	0.15	0.05	0.15
F10 018	6.52	8.13	15.0	44.2	54.4	18.5	34.0	1067.	0.72	5.14	0.36	0.09	0.05	0.16
N	10	10	10	10	10	10	10	10	10	10	10	10	10	10

TEST TYPE:	NEUT	LYMPH	MONO	EOS	BASO	LUC	FOOT NOTES
UNITS:	%	%	%	%	%	%	
ANIMAL							
F10 001	14.8	80.2	1.5	1.3	0.8	1.5	
F10 002	9.2	82.7	4.2	1.1	0.8	2.0	
F10 005	7.0	86.9	2.9	1.0	0.8	1.6	
F10 006	5.4	88.5	2.1	1.3	0.7	1.9	
F10 011	14.4	80.0	2.0	0.6	0.9	2.2	
F10 014	14.6	76.6	4.3	1.9	0.5	2.2	
F10 015	15.9	76.8	3.7	0.8	0.8	2.0	
F10 016	10.2	80.7	4.1	1.7	0.8	2.5	
F10 017	12.9	75.7	6.1	2.3	0.7	2.3	
F10 018	11.1	78.9	5.5	1.3	0.7	2.5	
N	10	10	10	10	10	10	

FOOTNOTE DESCRIPTORS

A	SAMPLE CLOTTED
B	NO SAMPLE SUBMITTED
C	LABORATORY ACCIDENT
D	INSUFFICIENT QUANTITY
E	MANUAL DIFF COUNT DONE, LUC NOT COUNTED
F	MANUAL RETIC COUNT DONE
G	INVALID CELL COUNT
H	ANIMAL NOT FASTED
I	ANIMAL EXCLUDED
J	RETIC-LAB ACCIDENT
K	SLIGHT ANISOCYTOSIS
L	MODERATE ANISOCYTOSIS
M	MARKED ANISOCYTOSIS
N	SLIGHT MICROCYTOSIS
O	MODERATE MICROCYTOSIS
P	MARKED MICROCYTOSIS
Q	SLIGHT MACROCYTOSIS
R	MODERATE MACROCYTOSIS
S	MARKED MACROCYTOSIS
T	SLIGHT HYPOCHROMASIA
U	MODERATE HYPOCHROMASIA
V	MARKED HYPOCHROMASIA
W	SLIGHT HYPERCHROMASIA
X	MODERATE HYPERCHROMASIA
Y	MARKED HYPERCHROMASIA
Z	SLIGHT ANISOCHROMASIA
a	MODERATE ANISOCHROMASIA
b	MARKED ANISOCHROMASIA
c	SLIGHT POLYCHROMASIA
d	MODERATE POLYCHROMASIA
e	MARKED POLYCHROMASIA
f	SLIGHT POIKILOCYTOSIS
g	MODERATE POIKILOCYTOSIS
h	MARKED POIKILOCYTOSIS
i	FEW ATYPICAL LYMPHOCYTES
j	MOD ATYPICAL LYMPHOCYTES
k	MANY ATYPICAL LYMPHOCYTES
l	PLATELET CLUMPS OBSERVED
m	PLATELETS APPEAR INCREASED
n	PLATELETS APPEAR DECREASED
o	PLATELETS APPEAR LARGE
p	SLIGHT CRENATION
q	MODERATE CRENATION
r	MARKED CRENATION
s	SMUDGE CELLS OBSERVED
t	A FEW TARGET CELLS OBSERVED
u	MOD NUMBER OF TARGET CELLS OBSERVED
v	NUMEROUS TARGET CELLS OBSERVED
w	HOWELL-JOLLY BODY OBSERVED
x	WBC COUNT APPEARS INCREASED
y	WBC COUNT APPEARS DECREASED
z	LYMPHOCYTE CLUMPS SEEN
AA	SLIGHT ROULEAUX
BB	MODERATE ROULEAUX
CC	MARKED ROULEAUX
DD	ONLY 25 CELLS COUNTED
EE	ONLY 50 CELLS COUNTED
FF	LEUKOCYTOSIS; 200 CELLS COUNTED
GG	ONE MAST CELL OBSERVED
HH	MAST CELLS OBSERVED
II	ANALYZED AT OUTSIDE FACILITY
JJ	ERYTHROPHAGOCYTOSIS NOTED
KK	METARUBRICYTE NOTED
LL	LIKELY LYMPHOCYTIC LEUKEMIA
MM	OCCASIONAL MITOSIS
zz	FOOTNOTE NOT FOUND

ANIMAL ID NUMBER	PT SEC	APTT SEC
M1 001	11.5	15.4
M1 002	12.4	17.5
M1 005	13.8	16.9
M1 006	11.7	15.4
M1 011	12.8	16.8
M1 014	12.1	15.6
M1 015	13.6	18.9
M1 016	13.0	17.7
M1 017	12.6	16.6
M1 018	13.3	16.0
Number	10	10

ANIMAL ID NUMBER	PT SEC	APTT SEC
M2 001	12.6	15.0
M2 002	12.3	14.7
M2 005	12.6	14.7
M2 006	12.0	15.1
M2 011	11.7	13.2
M2 014	11.7	15.1
M2 015	11.7	15.0
M2 016	12.1	15.6
M2 017	12.1	15.3
M2 018	12.8	15.8
Number	10	10

M3 001	12.3	16.8
M3 002	11.8	16.6
M3 005	11.7	15.1
M3 006	13.9	24.3
M3 011	13.5	19.6
M3 014A		
M3 015	12.1	16.0
M3 016	12.1	15.9
M3 017	12.4	15.4
M3 018	11.4	15.0
Number	9	9

M4 001	12.0	14.4
M4 002	11.7	15.4
M4 005	11.8	13.5
M4 006A		
M4 011A		
M4 014	11.7	14.8
M4 015	12.1	16.5
M4 016	12.4	16.2
M4 017	12.8	14.5
M4 018	12.4	15.6
Number	8	8

M5 001	11.7	16.8
M5 002	11.7	15.4
M5 005	11.5	14.5
M5 006	12.3	15.1
M5 011	12.3	15.4
M5 014	13.5	18.6
M5 015	12.1	16.3
M5 016	12.0	17.4
M5 017	12.3	16.8
M5 018	12.3	14.3
Number	10	10

M6 001	11.7	15.8
M6 002	11.5	9.30
M6 005	12.0	12.3
M6 006	14.3	20.1
M6 011	12.0	15.6
M6 014	11.5	12.4
M6 015	12.0	16.2
M6 016	11.1	15.3
M6 017	11.8	14.3
M6 018	12.1	18.0
Number	10	10

A- Sample clotted. No data reported.
PT- Prothrombin Time, APTT-Activated Partial Thromboplastin Time, SEC-Seconds

ANIMAL ID NUMBER	PT SEC	APTT SEC	ANIMAL ID NUMBER	PT SEC	APTT SEC
M7 001	11.4	17.4	M8 001	11.7	17.3
M7 002	11.4	14.8	M8 002	11.4	10.9
M7 005	12.3	16.6	M8 005	12.3	13.6
M7 006A			M8 006	12.4	15.9
M7 011	11.5	14.8	M8 011	11.8	15.8
M7 014	12.3	16.6	M8 014	12.3	15.4
M7 015	12.4	16.2	M8 015	11.7	14.3
M7 016	11.8	17.3	M8 016	12.3	15.4
M7 017	12.1	16.0	M8 017	12.3	15.9
M7 018	12.0	15.6	M8 018	12.3	15.8
Number	9	9	Number	10	10
M9 001	11.3	15.8	M10 001	12.0	17.3
M9 002	12.4	15.6	M10 002	11.3	16.2
M9 005	11.7	10.6	M10 005	11.8	16.0
M9 006	12.3	15.1	M10 006	13.6	21.4
M9 011	12.1	16.0	M10 011	11.7	15.4
M9 014	12.3	17.7	M10 014	12.1	16.2
M9 015	11.8	15.4	M10 015	12.3	17.5
M9 016	11.5	15.8	M10 016	11.8	14.1
M9 017	12.4	16.2	M10 017	12.6	17.3
M9 018	12.3	15.3	M10 018	13.6	19.2
Number	10	10	Number	10	10

A - Sample clotted. No data reported.
PT- Prothrombin Time, APTT-Activated Partial Thromboplastin Time, SEC-Seconds

ANIMAL ID NUMBER	PT SEC	APTT SEC	ANIMAL ID NUMBER	PT SEC	APTT SEC
F1 001	11.7	12.4	F2 001A		
F1 002	11.3	14.1	F2 002	11.7	12.8
F1 005	10.9	13.0	F2 005	11.1	16.3
F1 006	11.4	12.4	F2 006	11.5	12.0
F1 011	11.1	10.3	F2 011	10.9	14.1
F1 014	11.8	14.7	F2 014	11.5	15.6
F1 015	11.7	16.9	F2 015	10.8	13.6
F1 016B	11.8	13.0	F2 016	11.1	16.9
F1 017	11.5	14.1	F2 017A		
F1 018	10.5	11.1	F2 018	11.3	13.3
Number	10	10	**Number**	8	8
F3 001	10.9	9.75	F4 001	11.4	12.6
F3 002	10.5	11.4	F4 002	11.5	13.3
F3 005	10.8	13.6	F4 005	11.1	12.3
F3 006	11.3	13.8	F4 006	11.3	13.8
F3 011	10.9	14.8	F4 011	11.4	15.3
F3 014	11.8	15.1	F4 014	10.9	12.4
F3 015	10.6	16.0	F4 015	10.9	15.0
F3 016	11.4	15.3	F4 016	10.8	15.3
F3 017	11.3	14.5	F4 017	10.3	7.80
F3 018	10.6	11.4	F4 018	11.1	14.4
Number	10	10	**Number**	10	10
F5 001	10.6	12.1	F6 001	11.1	14.7
F5 002	11.1	14.3	F6 002	11.1	14.5
F5 005	10.5	14.5	F6 005	10.9	11.1
F5 006	11.5	15.1	F6 006	11.4	15.0
F5 011	11.8	13.2	F6 011	11.3	14.4
F5 014	11.5	15.4	F6 014	11.8	15.0
F5 015	10.5	12.8	F6 015	11.4	15.4
F5 016	10.8	13.5	F6 016	10.2	14.1
F5 017	10.9	14.1	F6 017	10.6	15.4
F5 018	11.1	11.4	F6 018	10.8	14.3
Number	10	10	**Number**	10	10

A - Sample clotted. No date reported.
B - Slight hemolysis.
PT- Prothrombin Time, APTT-Activated Partial Thromboplastin Time, SEC-Seconds

ANIMAL ID NUMBER	PT SEC	APTT SEC
F7 001	11.7	13.9
F7 002	11.1	14.5
F7 005	10.5	15.4
F7 006	12.1	15.9
F7 011	11.7	14.7
F7 014	11.5	15.0
F7 015	10.8	15.8
F7 016	11.3	15.1
F7 017	11.1	18.9
F7 018A		
Number	9	9

ANIMAL ID NUMBER	PT SEC	APTT SEC
F8 001	11.4	15.6
F8 002	11.3	13.5
F8 005	11.5	11.1
F8 006	11.4	15.8
F8 011	10.9	18.0
F8 014	11.3	13.6
F8 015	12.1	12.3
F8 016	10.6	15.3
F8 017	11.5	14.4
F8 018	11.4	15.3
Number	10	10

F9 001	10.6	15.4
F9 002	11.3	14.8
F9 005	11.3	11.8
F9 006	10.9	14.7
F9 011	11.1	15.6
F9 014	11.8	14.4
F9 015	11.1	14.7
F9 016	10.6	15.8
F9 017	10.9	15.1
F9 018	10.9	10.6
Number	10	10

F10 001	12.0	13.6
F10 002	10.9	13.8
F10 005	10.9	12.4
F10 006	10.9	15.8
F10 011	11.7	14.3
F10 014	10.3	15.6
F10 015	11.4	16.2
F10 016	10.8	13.3
F10 017	11.5	14.1
F10 018	10.9	20.1
Number	10	10

A- Sample clotted. No date reported.
PT- Prothrombin Time, APTT-Activated Partial Thromboplastin Time , SEC-Seconds

STUDY NO. 99091 PERIOD 1 FROM DATE 16-JUL-2000 TO 30-JUL-2000

TEST TYPE:	ALBUMIN	ALK PHOS	SGPT /ALT	SGOT /AST	TOT BILI	BUN	CALCIUM	CREAT	GAMMA-GT	GLUCOSE	PHOS	T PROTEIN	DIR BILI	SODIUM
UNITS:	g/dL	U/L	U/L	U/L	mg/dL	mg/dL	mg/dL	mg/dL	U/L	mg/dL	mg/dL	g/dL	mg/dL	mmol/L
ANIMAL														
M1 001	4.1	143.	38.	90.	0.2	13.1	9.6	0.2	0.	118.	7.3	6.5	< 0.1	146.
M1 002	4.2	137.	41.	99.	0.2	12.0	10.0	0.3	0.	95.	7.4	6.6	< 0.1	147.
M1 005	4.2	155.	31.	112.	0.2	11.6	10.0	0.2	0.	114.	7.5	6.2#	0.1	145.
M1 006	4.1	133.	40.	98.	0.1	13.2	10.5	0.3	0.	115.	8.2	6.7	< 0.1	148.
M1 011	4.0	124.	30.	96.	0.1	13.6	10.2	0.3	0.	106.	7.8	6.4	< 0.1	143.
M1 014	4.2	152.	41.	83.	0.1	10.9	10.7	0.2	0.	104.	7.4	6.5	0.1	145.
M1 015	3.9	136.	32.	104.	0.1	11.2	9.5	0.2	0.	88.	7.5	6.4	< 0.1	142.
M1 016	4.1	141.	36.	110.	0.1	11.4	10.2	0.1#	0.	97.	7.9	6.6	< 0.1	144.
M1 017	4.2	135.	38.	119.	0.1	11.9	10.2	0.3	0.	102.	6.9	6.4	< 0.1	145.
M1 018	4.3	147.	40.	104.	0.1	12.1	10.3	0.3	0.	98.	7.7	6.5	< 0.1	145.
N	10	10	10	10	10	10	10	10	10	10	10	10	2	10
MEAN	4.1	140.	37.	102.	0.1	12.1	10.1	0.2	0.	104.	7.6	6.5	0.1	145.
STD DEV	0.12	9.3	4.2	10.7	0.05	0.91	0.37	0.07	0.0	9.7	0.36	0.14	0.00	1.8

TEST TYPE:	POTASSIUM	CHLORIDE	A/G RATIO?
UNITS:	mmol/L	mmol/L	
ANIMAL			
M1 001	4.5	96.	1.71
M1 002	5.0	97.	1.75
M1 005	5.3	95.	2.10
M1 006	5.2	99.#	1.58
M1 011	5.3	96.	1.67
M1 014	4.5	98.	1.83
M1 015	4.7	95.	1.56
M1 016	5.2	95.	1.64
M1 017	4.9	96.	1.91
M1 018	5.0	96.	1.95
N	10	10	10
MEAN	5.0	96.	1.77
STD DEV	0.31	1.3	0.176

++++++++++++++++++++++++++++++

? = ALBUMIN/GLOBULIN RATIO IS DETERMINED BY ALBUMIN DIVIDED BY GLOBULIN (TOTAL PROTEIN MINUS ALBUMIN)
= 2 STANDARD DEVIATIONS FROM GROUP MEAN
* = 3 OR MORE STANDARD DEVIATIONS FROM GROUP MEAN

STUDY NO. 99091 PERIOD 1 FROM DATE 16-JUL-2000 TO 30-JUL-2000

TEST TYPE:	ALBU-MIN	ALK PHOS	SGPT /ALT	SGOT /AST	TOT BILI	BUN	CAL-CIUM	CREAT	GAMMA -GT	GLU-COSE	PHOS	T PRO-TEIN	DIR BILI	SODI-UM
UNITS:	g/dL	U/L	U/L	U/L	mg/dL	mg/dL	mg/dL	mg/dL	U/L	mg/dL	mg/dL	g/dL	mg/dL	mmol/L
ANIMAL														
M2 001	4.1	151.	40.	84.	0.1	14.7	9.8	0.2	0.	120.	7.4	6.8#	< 0.1	146.
M2 002	4.0	137.	45.	95.	0.1	10.6	9.3	0.2	0.	117.	7.2	6.0	< 0.1	146.
M2 005	4.0	125.	46.	136.	0.2	12.0	9.6	0.4#	0.	90.	7.5	6.5	< 0.1	144.
M2 006	4.1	87.#	33.	139.	0.2	11.8	9.9	0.3	0.	92.	7.4	6.2	< 0.1	144.
M2 011	4.2	129.	35.	100.	0.1	13.9	10.2	0.2	0.	93.	8.2	6.3	0.1	145.
M2 014	3.9	123.	26.	87.	0.1	12.7	10.2	0.2	1.	113.	8.5	6.2	0.1	145.
M2 015	4.1	145.	32.	101.	0.1	13.8	10.0	0.2	0.	109.	7.6	6.5	< 0.1	145.
M2 016	4.0	112.	39.	113.	0.2	14.6	9.2	0.3	1.	127.	7.2	6.0	< 0.1	142.
M2 017	3.9	124.	29.	95.	0.1	14.1	9.3	0.2	0.	111.	6.6	6.1	< 0.1	143.
M2 018	4.1	155.	31.	91.	0.1	11.1	9.5	0.2	0.	127.	7.2	6.1	< 0.1	145.
N	10	10	10	10	10	10	10	10	10	10	10	10	2	10
MEAN	4.0	129.	36.	104.	0.1	12.9	9.7	0.2	0.	110.	7.5	6.3	0.1	145.
STD DEV	0.10	20.0	6.7	19.4	0.05	1.49	0.37	0.07	0.4	13.9	0.54	0.26	0.00	1.3

TEST TYPE:	POTA-SSIUM	CHLO-RIDE	A/G RATIO?
UNITS:	mmol/L	mmol/L	
ANIMAL			
M2 001	4.8	98.	1.52
M2 002	5.2	97.	2.00
M2 005	4.8	94.	1.60
M2 006	5.0	97.	1.95
M2 011	4.9	96.	2.00
M2 014	4.6	96.	1.70
M2 015	5.0	95.	1.71
M2 016	4.8	96.	2.00
M2 017	4.8	95.	1.77
M2 018	5.2	96.	2.05
N	10	10	10
MEAN	4.9	96.	1.83
STD DEV	0.19	1.2	0.193

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= 2 STANDARD DEVIATIONS FROM GROUP MEAN
* = 3 OR MORE STANDARD DEVIATIONS FROM GROUP MEAN

STUDY NO. 99091 PERIOD 1 FROM DATE 16-JUL-2000 TO 30-JUL-2000

TEST TYPE: / UNITS:	ALBU-MIN g/dL	ALK PHOS U/L	SGPT /ALT U/L	SGOT /AST U/L	TOT BILI mg/dL	BUN mg/dL	CAL-CIUM mg/dL	CREAT mg/dL	GAMMA -GT U/L	GLU-COSE mg/dL	PHOS mg/dL	T PRO-TEIN g/dL	DIR BILI mg/dL	SODI-UM mmol/L
ANIMAL														
M3 001	4.1	147.	40.	146.	0.1	16.2	10.0	0.3	0.	81.	7.6	6.6	< 0.1	148.#
M3 002	4.3	156.	41.	138.	0.1	15.2	9.6	0.4	0.	115.	8.0	6.6	< 0.1	146.
M3 005	4.1	125.	32.	141.	0.1	14.8	9.9	0.3	0.	116.	7.8	6.6	< 0.1	144.
M3 006	4.3	125.	26.#	82.	0.1	14.1	10.0	0.4	0.	100.	7.0	6.6	< 0.1	144.
M3 011	4.2	143.	35.	96.	0.1	12.5	10.1	0.3	0.	100.	7.6	6.3	0.1	146.
M3 014	4.0	162.	39.	84.	0.1	15.5	9.4	0.4	0.	128.	6.8	6.4	< 0.1	145.
M3 015	4.2	139.	35.	100.	0.2#	15.5	9.9	0.3	0.	97.	7.4	6.3	< 0.1	144.
M3 016	4.1	155.	38.	101.	0.1	14.6	9.6	0.3	0.	102.	7.8	6.0	0.1	145.
M3 017	4.0	130.	45.	97.	0.1	10.9	10.0	0.2	0.	121.	7.2	6.0	< 0.1	143.
M3 018	4.1	131.	38.	81.	0.1	10.9	10.0	0.3	0.	107.	6.9	6.2	< 0.1	146.
N	10	10	10	10	10	10	10	10	10	10	10	10	2	10
MEAN	4.1	141.	37.	107.	0.1	14.0	9.9	0.3	0.	107.	7.4	6.4	0.1	145.
STD DEV	0.11	13.5	5.3	25.3	0.03	1.92	0.23	0.06	0.0	13.7	0.42	0.24	0.00	1.4

TEST TYPE: / UNITS:	POTA-SSIUM mmol/L	CHLO-RIDE mmol/L	A/G RATIO?
ANIMAL			
M3 001	5.5	97.	1.64
M3 002	5.2	97.	1.87
M3 005	5.1	95.	1.64
M3 006	4.9	96.	1.87
M3 011	4.8	99.	2.00
M3 014	4.5	99.	1.67
M3 015	4.9	96.	2.00
M3 016	4.4	97.	2.16
M3 017	5.1	96.	2.00
M3 018	4.5	97.	1.95
N	10	10	10
MEAN	4.9	97.	1.88
STD DEV	0.35	1.3	0.178

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STUDY NO. 99091 PERIOD 1 FROM DATE 16-JUL-2000 TO 30-JUL-2000

TEST TYPE:	ALBU-MIN	ALK PHOS	SGPT /ALT	SGOT /AST	TOT BILI	BUN	CAL-CIUM	CREAT	GAMMA -GT	GLU-COSE	PHOS	T PRO-TEIN	DIR BILI	SODI-UM
UNITS:	g/dL	U/L	U/L	U/L	mg/dL	mg/dL	mg/dL	mg/dL	U/L	mg/dL	mg/dL	g/dL	mg/dL	mmol/L
ANIMAL														
M4 001	4.4	136.	49.	161.	0.1	14.7	9.3	0.4#	0.	99.	7.3	6.4	< 0.1	148.
M4 002	4.1	97.	30.	134.	0.1	15.7	9.8	0.3	0.	91.	8.3	6.5	< 0.1	147.
M4 005	4.3	114.	40.	95.	0.1	11.6	10.3	0.3	0.	103.	7.6	6.4	< 0.1	145.
M4 006	4.1	126.	43.	128.	0.2	12.8	10.1	0.3	0.	99.	8.7	6.8	< 0.1	144.
M4 011	4.6	118.	32.	89.	0.1	16.5	10.4	0.3	0.	110.	7.7	7.2#	< 0.1	144.
M4 014	3.9	158.	40.	164.	0.2	20.3#	9.7	0.3	0.	92.	8.7	5.9	0.1	142.
M4 015	4.3	107.	38.	81.	0.2	13.4	10.0	0.3	0.	102.	7.8	6.3	0.1	143.
M4 016	3.8	118.	37.	116.	0.1	14.6	9.5	0.3	0.	105.	7.9	5.9	< 0.1	144.
M4 017	4.2	147.	35.	101.	< 0.1	14.0	10.2	0.3	0.	111.	8.1	6.5	< 0.1	144.
M4 018	4.2	161.	41.	117.	0.2	14.8	10.4	0.3	0.	108.	8.1	6.3	0.1	147.
N	10	10	10	10	9	10	10	10	10	10	10	10	3	10
MEAN	4.2	128.	39.	119.	0.1	14.8	10.0	0.3	0.	102.	8.0	6.4	0.1	145.
STD DEV	0.23	21.6	5.5	28.6	0.05	2.38	0.38	0.03	0.0	6.9	0.46	0.39	0.00	1.9

TEST TYPE:	POTA-SSIUM	CHLO-RIDE	A/G RATIO?
UNITS:	mmol/L	mmol/L	
ANIMAL			
M4 001	4.7	99.	2.20
M4 002	5.3	98.	1.71
M4 005	4.6	98.	2.05
M4 006	5.0	96.	1.52
M4 011	5.4	96.	1.77
M4 014	4.9	94.	1.95
M4 015	4.7	95.	2.15
M4 016	4.7	96.	1.81
M4 017	5.2	97.	1.83
M4 018	5.2	98.	2.00
N	10	10	10
MEAN	5.0	97.	1.90
STD DEV	0.29	1.6	0.211

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STUDY 9 PERI 1 FRO TE 1 L-2 O 3 L-20

TEST TYPE: / UNITS:	ALBUMIN g/dL	ALK PHOS U/L	SGPT /ALT U/L	SGOT /AST U/L	TOT BILI mg/dL	BUN mg/dL	CALCIUM mg/dL	CREAT mg/dL	GAMMA-GT U/L	GLUCOSE mg/dL	PHOS mg/dL	T PROTEIN g/dL	DIR BILI mg/dL	SODIUM mmol/L
ANIMAL														
M5 001	4.1	121.	46.	142.	0.2	17.8	9.8	0.3	0.	91.	8.1	6.3	0.1	151.
M5 002	4.3	151.	35.	89.	< 0.1	13.0	9.7	0.2	0.	117.	8.0	6.5	< 0.1	148.
M5 005	4.2	120.	45.	136.	0.1	15.7	10.2	0.3	0.	119.	7.0	6.5	< 0.1	146.
M5 006	4.0	146.	34.	86.	0.1	14.9	9.6	0.2	0.	108.	6.0#	6.3	< 0.1	143.
M5 011	4.1	143.	35.	132.	0.1	14.6	9.8	0.4	0.	152.#	7.6	6.4	0.1	144.
M5 014	4.0	114.	36.	132.	0.1	17.0	9.4	0.3	0.	98.	7.3	6.1	< 0.1	147.
M5 015	4.0	127.	42.	104.	0.2	19.6	9.6	0.3	1.	84.	7.6	5.9	0.1	143.
M5 016	4.3	130.	31.	98.	0.1	16.4	10.3	0.3	1.	105.	7.8	6.8	< 0.1	144.
M5 017	3.8	125.	35.	98.	0.1	13.1	9.8	0.2	0.	88.	7.3	5.5	< 0.1	147.
M5 018	4.0	125.	35.	88.	0.1	12.9	10.1	0.4	0.	101.	7.2	5.7	< 0.1	148.
N	10	10	10	10	9	10	10	10	10	10	10	10	3	10
MEAN	4.1	130.	37.	111.	0.1	15.5	9.8	0.3	0.	106.	7.4	6.2	0.1	146.
STD DEV	0.15	12.3	5.1	22.3	0.04	2.24	0.29	0.07	0.4	19.8	0.60	0.40	0.00	2.6

TEST TYPE: / UNITS:	POTASSIUM mmol/L	CHLORIDE mmol/L	A/G RATIO?
ANIMAL			
M5 001	5.0	99.	1.86
M5 002	4.7	98.	1.95
M5 005	5.3	97.	1.83
M5 006	4.5	97.	1.74
M5 011	5.2	96.	1.78
M5 014	4.9	100.	1.90
M5 015	4.8	95.	2.11
M5 016	5.3	96.	1.72
M5 017	4.6	99.	2.24
M5 018	4.8	99.	2.35
N	10	10	10
MEAN	4.9	98.	1.95
STD DEV	0.28	1.6	0.216

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STUDY NO. 99091 PERIOD 1 FROM DATE 16-JUL-2000 TO 30-JUL-2000

TEST TYPE: UNITS:	ALBU-MIN g/dL	ALK PHOS U/L	SGPT /ALT U/L	SGOT /AST U/L	TOT BILI mg/dL	BUN mg/dL	CAL-CIUM mg/dL	CREAT mg/dL	GAMMA -GT U/L	GLU-COSE mg/dL	PHOS mg/dL	T PRO-TEIN g/dL	DIR BILI mg/dL	SODI-UM mmol/L
ANIMAL														
M6 001	4.2	143.	37.	115.	0.2	16.5	9.6	0.4	0.	84.#	7.1	6.4	0.1	148.
M6 002	4.3	185.	41.	115.	0.2	17.0	9.6	0.4	0.	119.	7.7	6.3	0.1	148.
M6 005	4.1	135.	44.	100.	0.2	17.2	9.8	0.3	0.	104.	7.2	6.3	0.1	145.
M6 006	4.1	135.	44.	100.	0.2	17.2	9.8	0.4	0.	104.	7.3	6.3	0.1	146.
M6 011	4.2	155.	47.	107.	0.2	12.2	9.9	0.3	0.	104.	7.6	6.5	0.1	145.
M6 014	4.4	120.	40.	101.	0.2	13.0	10.2	0.3	1.	117.	7.4	6.6	0.1	146.
M6 015	4.3	203.	51.	139.#	0.1	15.0	10.4	0.2	0.	110.	7.9	6.5	< 0.1	146.
M6 016	4.4	199.	48.	105.	0.1	16.3	10.0	0.3	1.	113.	8.1	6.4	0.1	148.
M6 017	4.2	109.	37.	77.	0.1	15.1	9.6	0.3	0.	117.	6.7	6.0	< 0.1	147.
M6 018	4.1	156.	45.	85.	0.1	14.8	9.6	0.2	0.	117.	7.1	5.9	< 0.1	145.
N	10	10	10	10	10	10	10	10	10	10	10	10	7	10
MEAN	4.2	154.	43.	104.	0.2	15.4	9.9	0.3	0.	109.	7.4	6.3	0.1	146.
STD DEV	0.12	32.3	4.6	17.0	0.05	1.75	0.28	0.07	0.4	10.6	0.42	0.22	0.00	1.3

TEST TYPE: UNITS:	POTA-SSIUM mmol/L	CHLO-RIDE mmol/L	A/G RATIO?
ANIMAL			
M6 001	5.1	99.	1.91
M6 002	5.2	100.	2.15
M6 005	4.9	98.	1.86
M6 006	5.0	99.	1.86
M6 011	5.1	97.	1.83
M6 014	5.0	98.	2.00
M6 015	5.0	97.	1.95
M6 016	5.1	100.	2.20
M6 017	4.4#	99.	2.33
M6 018	5.0	97.	2.28
N	10	10	10
MEAN	5.0	98.	2.04
STD DEV	0.22	1.2	0.187

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[redacted]STUDY NO [redacted]9909[redacted] [redacted]PERIOD[redacted] [redacted]FROM DATE 16-[redacted]2000 TO 30-[redacted]2000[redacted]

TEST TYPE: UNITS:	ALBU-MIN g/dL	ALK PHOS U/L	SGPT /ALT U/L	SGOT /AST U/L	TOT BILI mg/dL	BUN mg/dL	CAL-CIUM mg/dL	CREAT mg/dL	GAMMA -GT U/L	GLU-COSE mg/dL	PHOS mg/dL	T PRO-TEIN g/dL	DIR BILI mg/dL	SODI-UM mmol/L
ANIMAL														
M7 001	4.0	163.	54.#	124.	0.1	14.8	10.0	0.3	0.	135.	8.3	6.6	< 0.1	147.
M7 002	4.0	179.	37.	99.	0.1	12.4	9.7	0.3	0.	106.	7.7	6.0	0.1	147.
M7 005	3.8	169.	37.	98.	0.1	13.5	10.0	0.4	0.	102.	7.6	6.3	< 0.1	146.
M7 006	4.3	163.	32.	98.	0.2#	16.2	10.0	0.3	0.	89.	7.1	6.4	0.1	146.
M7 011	4.3	155.	34.	112.	0.1	16.6	10.1	0.1#	0.	111.	8.1	6.8	< 0.1	144.
M7 014	4.1	92.	31.	121.	0.1	12.9	9.7	0.3	0.	94.	7.7	6.6	< 0.1	145.
M7 015	4.1	113.	47.	97.	0.1	15.1	10.1	0.3	0.	122.	7.3	6.3	< 0.1	148.
M7 016	4.0	84.	36.	87.	0.1	13.5	9.7	0.2	0.	115.	8.1	6.2	< 0.1	146.
M7 017	4.0	119.	37.	99.	0.1	14.3	10.0	0.3	0.	117.	7.7	6.5	< 0.1	147.
M7 018	4.0	101.	36.	77.	0.1	13.9	10.1	0.3	0.	115.	7.6	6.2	< 0.1	147.
N	10	10	10	10	10	10	10	10	10	10	10	10	2	10
MEAN	4.1	134.	38.	101.	0.1	14.3	9.9	0.3	0.	111.	7.7	6.4	0.1	146.
STD DEV	0.15	35.6	7.1	14.4	0.03	1.37	0.17	0.08	0.0	13.5	0.37	0.24	0.00	1.2

TEST TYPE: UNITS:	POTA-SSIUM mmol/L	CHLO-RIDE mmol/L	A/G RATIO?
ANIMAL			
M7 001	5.3	97.	1.54
M7 002	5.1	100.	2.00
M7 005	4.7	99.	1.52
M7 006	5.1	99.	2.05
M7 011	5.5	95.#	1.72
M7 014	4.7	97.	1.64
M7 015	5.2	100.	1.86
M7 016	4.7	98.	1.82
M7 017	4.9	98.	1.60
M7 018	5.1	98.	1.82
N	10	10	10
MEAN	5.0	98.	1.76
STD DEV	0.28	1.5	0.184

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STUDY NO. 99091 PERIOD 1 FROM DATE 16-JUL-2000 TO 30-JUL-2000

TEST TYPE: ANIMAL	ALBUMIN	ALK PHOS	SGPT /ALT	SGOT /AST	TOT BILI	BUN	CALCIUM	CREAT	GAMMA -GT	GLUCOSE	PHOS	T PROTEIN	DIR BILI	SODIUM
UNITS:	g/dL	U/L	U/L	U/L	mg/dL	mg/dL	mg/dL	mg/dL	U/L	mg/dL	mg/dL	g/dL	mg/dL	mmol/L
M8 001	4.4	151.	33.	108.	0.1	12.8	9.6	0.3	0.	109.	7.6	6.5	< 0.1	148.
M8 002	4.3	135.	38.	105.	0.1	16.3	9.7	0.3	0.	105.	8.1	6.7	< 0.1	150.#
M8 005	4.1	159.	43.	95.	0.2	13.2	9.7	0.3	0.	123.	7.2	6.2	0.1	146.
M8 006	4.3	112.	36.	101.	0.2	13.3	10.9#	0.3	0.	113.	7.9	6.8	< 0.1	145.
M8 011	3.8	129.	36.	102.	0.1	14.7	9.9	0.2	0.	107.	7.9	6.2	< 0.1	147.
M8 014	4.0	128.	30.	94.	0.1	14.0	10.1	0.3	0.	117.	7.5	6.2	< 0.1	146.
M8 015	4.2	133.	48.	114.	0.1	12.7	9.9	0.3	0.	103.	7.8	6.3	< 0.1	148.
M8 016	4.2	147.	28.	93.	0.1	11.3	9.7	0.3	0.	124.	8.6	6.3	< 0.1	146.
M8 017	4.2	109.	39.	115.	0.1	11.3	10.2	0.3	0.	93.	7.6	6.2	0.1	145.
M8 018	3.9	183.	33.	109.	0.1	10.8	9.9	0.2	0.	105.	8.2	5.8	0.1	146.
N	10	10	10	10	10	10	10	10	10	10	10	10	3	10
MEAN	4.1	139.	36.	104.	0.1	13.0	10.0	0.3	0.	110.	7.8	6.3	0.1	147.
STD DEV	0.19	22.2	6.0	8.0	0.04	1.69	0.38	0.04	0.0	9.6	0.40	0.29	0.00	1.6

TEST TYPE: ANIMAL	POTASSIUM	CHLORIDE	A/G RATIO?
UNITS:	mmol/L	mmol/L	
M8 001	5.5	99.	2.10
M8 002	5.4	99.	1.79
M8 005	4.7	98.	1.95
M8 006	5.2	97.	1.72
M8 011	4.7	100.	1.58
M8 014	5.0	98.	1.82
M8 015	4.7	99.	2.00
M8 016	5.4	98.	2.00
M8 017	4.5	96.	2.10
M8 018	4.7	97.	2.05
N	10	10	10
MEAN	5.0	98.	1.91
STD DEV	0.37	1.2	0.174

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STUDY NO. 99091 PERIOD 1 FROM DATE 16-JUL-2000 TO 30-JUL-2000

TEST TYPE:	ALBU-MIN	ALK PHOS	SGPT /ALT	SGOT /AST	TOT BILI	BUN	CAL-CIUM	CREAT	GAMMA -GT	GLU-COSE	PHOS	T PRO-TEIN	DIR BILI	SODI-UM
UNITS:	g/dL	U/L	U/L	U/L	mg/dL	mg/dL	mg/dL	mg/dL	U/L	mg/dL	mg/dL	g/dL	mg/dL	mmol/L
ANIMAL														
M9 001	4.2	192.	36.	114.	0.2	15.6	9.7	0.3	0.	105.	8.2	6.4	< 0.1	150.#
M9 002	4.3	151.	39.	124.	0.1	11.9	9.9	0.2	0.	110.	7.9	6.4	0.1	149.
M9 005	4.3	159.	41.	108.	0.2	17.0	10.3	0.3	0.	103.	7.4	6.5	0.1	145.
M9 006	4.3	144.	34.	100.	0.1	10.8	10.3	0.4	1.#	99.	7.7	6.3	0.1	147.
M9 011	4.1	190.	32.	104.	0.2	13.1	9.6	0.3	0.	103.	7.7	6.2	0.1	145.
M9 014	4.3	162.	34.	100.	0.1	13.1	10.0	0.4	0.	87.	8.1	6.2	< 0.1	146.
M9 015	4.2	115.	42.	114.	0.2	17.1	9.9	0.3	0.	120.	7.3	6.4	0.1	146.
M9 016	4.0	124.	37.	113.	0.1	15.8	9.5	0.3	0.	90.	7.1	5.9	< 0.1	145.
M9 017	3.9	142.	38.	106.	0.1	12.2	9.9	0.3	0.	107.	8.1	5.6#	0.1	146.
M9 018	4.1	145.	36.	116.	0.1	15.7	9.8	0.3	0.	110.	7.3	6.3	0.1	146.
N	10	10	10	10	10	10	10	10	10	10	10	10	7	10
MEAN	4.2	152.	37.	110.	0.1	14.2	9.9	0.3	0.	103.	7.7	6.2	0.1	147.
STD DEV	0.14	24.9	3.2	7.7	0.05	2.27	0.26	0.06	0.3	9.7	0.39	0.27	0.00	1.7

TEST TYPE:	POTA-SSIUM	CHLO-RIDE	A/G RATIO?
UNITS:	mmol/L	mmol/L	
ANIMAL			
M9 001	5.3	99.	1.91
M9 002	5.0	99.	2.05
M9 005	4.8	97.	1.95
M9 006	5.0	99.	2.15
M9 011	4.7	96.	1.95
M9 014	4.9	97.	2.26
M9 015	4.9	97.	1.91
M9 016	4.9	95.	2.11
M9 017	5.1	99.	2.29
M9 018	4.6	97.	1.86
N	10	10	10
MEAN	4.9	98.	2.04
STD DEV	0.20	1.4	0.153

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= 2 STANDARD DEVIATIONS FROM GROUP MEAN
* = 3 OR MORE STANDARD DEVIATIONS FROM GROUP MEAN

STUDY NO. 99091 PERIOD 1 FROM DATE 16-JUL-2000 TO 30-JUL-2000

TEST TYPE:	ALBU-	ALK	SGPT	SGOT	TOT	BUN	CAL-	CREAT	GAMMA	GLU-	PHOS	T PRO-	DIR	SODI-
:	MIN	PHOS	/ALT	/AST	BILI		CIUM		-GT	COSE		TEIN	BILI	UM
UNITS:	g/dL	U/L	U/L	U/L	mg/dL	mg/dL	mg/dL	mg/dL	U/L	mg/dL	mg/dL	g/dL	mg/dL	mmol/L
ANIMAL														
M10 001	4.3	146.	35.	103.	0.2#	13.7	10.2	0.3	0.	98.	8.2	6.8	< 0.1	150.
M10 002	4.5	204.	36.	114.	0.1	13.7	10.6	0.2#	0.	105.	7.8	6.6	0.1	151.
M10 005	4.3	164.	39.	148.	0.1	13.2	9.7	0.3	0.	98.	8.2	6.7	< 0.1	146.
M10 006	4.4	107.	40.	97.	0.1	13.6	10.8	0.3	0.	105.	8.0	6.6	0.1	145.
M10 011	3.9	94.	35.	94.	0.1	13.0	9.4	0.3	0.	103.	6.9	6.0	< 0.1	147.
M10 014	4.2	198.	53.#	111.	0.1	13.7	9.8	0.3	0.	103.	7.3	6.4	< 0.1	147.
M10 015	4.1	138.	41.	120.	0.1	11.3	9.5	0.3	0.	125.	7.1	6.0	< 0.1	147.
M10 016	4.5	238.	46.	137.	0.1	12.3	9.9	0.3	0.	109.	7.5	6.4	0.1	148.
M10 017	4.0	95.	39.	116.	0.1	16.0#	9.9	0.3	0.	110.	7.1	5.9	< 0.1	146.
M10 018	4.1	123.	34.	113.	0.1	13.2	9.6	0.4#	0.	125.	7.4	6.3	< 0.1	143.
N	10	10	10	10	10	10	10	10	10	10	10	10	3	10
MEAN	4.2	151.	40.	115.	0.1	13.4	9.9	0.3	0.	108.	7.6	6.4	0.1	147.
STD DEV	0.21	49.5	5.9	16.8	0.03	1.20	0.46	0.05	0.0	9.7	0.47	0.32	0.00	2.3

TEST TYPE:	POTA-	CHLO-	A/G
:	SSIUM	RIDE	RATIO?
UNITS:	mmol/L	mmol/L	
ANIMAL			
M10 001	4.9	98.	1.72
M10 002	5.2	101.	2.14
M10 005	5.2	98.	1.79
M10 006	5.0	99.	2.00
M10 011	5.4	99.	1.86
M10 014	5.1	98.	1.91
M10 015	5.2	101.	2.16
M10 016	5.0	99.	2.37
M10 017	4.7	99.	2.11
M10 018	4.9	96.	1.86
N	10	10	10
MEAN	5.1	99.	1.99
STD DEV	0.20	1.5	0.200

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STUDY NO. 99091 PERIOD 1 FROM DATE 16-JUL-2000 TO 30-JUL-2000

TEST TYPE:	ALBU-	ALK	SGPT	SGOT	TOT	BUN	CAL-	CREAT	GAMMA.	GLU-	PHOS	T PRO-	DIR	SODI-
:	MIN	PHOS	/ALT	/AST	BILI		CIUM		-GT	COSE		TEIN	BILI	UM
UNITS:	g/dL	U/L	U/L	U/L	mg/dL	mg/dL	mg/dL	mg/dL	U/L	mg/dL	mg/dL	g/dL	mg/dL	mmol/L
ANIMAL														
F1 001	4.6	118.	59.#	129.	0.1	16.8	10.2	0.4#	0.	115.	6.0	6.7	< 0.1	145.
F1 002	4.2	94.	32.	110.	0.1	13.0	10.0	0.3	0.	101.	6.2	6.2	< 0.1	147.
F1 005	4.5	104.	34.	116.	0.2#	15.5	9.8	0.3	1.	112.	6.8	6.3	0.1	144.
F1 006	4.4	78.	23.	86.	0.1	19.1	10.0	0.3	1.	123.	6.2	6.3	< 0.1	143.
F1 011	4.8	95.	38.	92.	0.1	15.6	10.4	0.3	0.	113.	6.6	7.0	< 0.1	143.
F1 014	4.6	81.	49.	113.	0.1	15.3	10.7	0.3	0.	91.	7.5	6.6	< 0.1	146.
F1 015	4.3	72.	29.	79.	0.1	17.5	10.2	0.3	0.	108.	7.2	6.4	< 0.1	146.
F1 016	4.8	54.	27.	61.	0.1	25.7#	10.5	0.3	0.	104.	6.0	6.8	0.1	145.
F1 017	4.4	71.	27.	96.	0.1	20.2	10.5	0.3	0.	103.	6.5	6.7	< 0.1	144.
F1 018	4.9	78.	32.	77.	0.1	15.1	10.8	0.2#	0.	128.	6.5	7.2	0.1	145.
N	10	10	10	10	10	10	10	10	10	10	10	10	3	10
MEAN	4.6	85.	35.	96.	0.1	17.4	10.3	0.3	0.	110.	6.6	6.6	0.1	145.
STD DEV	0.23	18.5	11.1	21.0	0.03	3.59	0.32	0.05	0.4	10.9	0.50	0.33	0.00	1.3

TEST TYPE:	POTA-	CHLO-	A/G
:	SSIUM	RIDE	RATIO?
UNITS:	mmol/L	mmol/L	
ANIMAL			
F1 001	5.1	100.	2.19
F1 002	4.8	102.	2.10
F1 005	5.0	96.	2.50
F1 006	4.7	97.	2.32
F1 011	4.8	96.	2.18
F1 014	4.8	97.	2.30
F1 015	4.8	96.	2.05
F1 016	4.7	99.	2.40
F1 017	4.5	94.	1.91
F1 018	4.7	97.	2.13
N	10	10	10
MEAN	4.8	97.	2.21
STD DEV	0.17	2.3	0.174

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STUDY NO. 99091 PERIOD 1 FROM DATE 16-JUL-2000 TO 30-JUL-2000

TEST TYPE:	ALBU-MIN	ALK PHOS	SGPT /ALT	SGOT /AST	TOT BILI	BUN	CAL-CIUM	CREAT	GAMMA -GT	GLU-COSE	PHOS	T PRO-TEIN	DIR BILI	SODI-UM
UNITS:	g/dL	U/L	U/L	U/L	mg/dL	mg/dL	mg/dL	mg/dL	U/L	mg/dL	mg/dL	g/dL	mg/dL	mmol/L
ANIMAL														
F2 001	4.3	89.	29.	115.	0.1	14.1	9.5	0.3	0.	114.	5.6	6.4	< 0.1	144.
F2 002	4.5	75.	22.#	95.	0.1	14.9	9.4	0.2	2.	121.	5.4	6.5	< 0.1	145.
F2 005	4.7	81.	35.	97.	0.1	16.6	10.0	0.4	0.	119.	5.4	6.6	< 0.1	146.
F2 006	4.4	75.	33.	91.	0.1	14.2	9.8	0.2	2.	121.	6.0	6.3	< 0.1	145.
F2 011	4.4	78.	29.	111.	0.1	12.0	9.9	0.2	0.	100.	6.0	6.8	0.1	145.
F2 014	4.4	65.	28.	80.	0.1	14.9	10.3	0.3	0.	103.	6.6	6.6	< 0.1	145.
F2 015	4.6	74.	33.	93.	0.2#	17.7	9.8	0.4	0.	108.	6.9	6.5	0.1	146.
F2 016	4.3	60.	29.	66.	0.1	16.7	9.9	0.3	0.	138.	5.4	6.6	< 0.1	144.
F2 017	4.5	72.	30.	78.	0.1	15.0	10.0	0.4	0.	129.	5.8	6.5	< 0.1	144.
F2 018	4.5	97.	33.	94.	0.1	15.4	10.7#	0.2	1.	97.	7.0	6.3	0.1	146.
N	10	10	10	10	10	10	10	10	10	10	10	10	3	10
MEAN	4.5	77.	30.	92.	0.1	15.2	9.9	0.3	1.	115.	6.0	6.5	0.1	145.
STD DEV	0.13	10.7	3.7	14.7	0.03	1.60	0.37	0.09	0.8	13.1	0.62	0.15	0.00	0.8

TEST TYPE:	POTA-SSIUM	CHLO-RIDE	A/G RATIO?
UNITS:	mmol/L	mmol/L	
ANIMAL			
F2 001	4.6	98.	2.05
F2 002	4.4	97.	2.25
F2 005	4.1#	100.	2.47
F2 006	4.7	97.	2.32
F2 011	4.6	97.	1.83
F2 014	5.1	99.	2.00
F2 015	4.6	98.	2.42
F2 016	4.6	98.	1.87
F2 017	4.8	97.	2.25
F2 018	4.7	96.	2.50
N	10	10	10
MEAN	4.6	98.	2.20
STD DEV	0.26	1.2	0.245

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STUDY NO. 99091 PERIOD 1 FROM DATE 16-JUL-2000 TO 30-JUL-2000

TEST TYPE:	ALBU-	ALK	SGPT	SGOT	TOT	BUN	CAL-	CREAT	GAMMA	GLU-	PHOS	T PRO-	DIR	SODI-
:	MIN	PHOS	/ALT	/AST	BILI		CIUM		-GT	COSE		TEIN	BILI	UM
UNITS:	g/dL	U/L	U/L	U/L	mg/dL	mg/dL	mg/dL	mg/dL	U/L	mg/dL	mg/dL	g/dL	mg/dL	mmol/L
ANIMAL														
F3 001	4.7	105.	37.	109.	0.1	13.6	9.9	0.3	0.	121.	6.5	6.7	< 0.1	144.
F3 002	5.4	57.	50.	100.	0.1	13.9	10.8	0.3	1.	101.	6.3	7.7#	0.1	144.
F3 005	5.3	61.	48.	133.	0.1	17.4	10.7	0.3	1.	114.	6.2	7.2	0.1	144.
F3 006	4.7	76.	35.	98.	0.1	13.9	10.0	0.4	2.#	124.	7.4#	6.8	0.1	146.
F3 011	4.6	96.	32.	114.	0.1	16.7	10.0	0.3	0.	112.	6.5	6.9	< 0.1	146.
F3 014	4.9	80.	32.	102.	0.1	18.7	10.2	0.4	0.	120.	6.2	6.9	0.1	145.
F3 015	4.8	72.	30.	81.	< 0.1	13.3	10.5	0.3	0.	113.	6.1	6.7	< 0.1	146.
F3 016	4.2	92.	33.	82.	0.1	15.5	10.5	0.3	0.	120.	6.6	6.5	< 0.1	146.
F3 017	4.5	56.	24.	79.	0.1	13.0	10.4	0.3	0.	90.	6.0	6.4	0.1	145.
F3 018	4.8	73.	47.	103.	0.1	17.8	10.5	0.3	0.	100.	6.4	6.8	< 0.1	147.
N	10	10	10	10	9	10	10	10	10	10	10	10	5	10
MEAN	4.8	77.	37.	100.	0.1	15.4	10.4	0.3	0.	112.	6.4	6.9	0.1	145.
STD DEV	0.35	16.7	8.7	16.7	0.00	2.11	0.31	0.04	0.7	11.1	0.39	0.37	0.00	1.1

TEST TYPE:	POTA-	CHLO-	A/G
:	SSIUM	RIDE	RATIO?
UNITS:	mmol/L	mmol/L	
ANIMAL			
F3 001	4.7	98.	2.35
F3 002	4.9	96.	2.35
F3 005	4.8	95.	2.79
F3 006	4.9	96.	2.24
F3 011	4.6	97.	2.00
F3 014	4.6	98.	2.45
F3 015	4.7	97.	2.53
F3 016	4.7	98.	1.83
F3 017	4.7	97.	2.37
F3 018	4.7	100.#	2.40
N	10	10	10
MEAN	4.7	97.	2.33
STD DEV	0.11	1.4	0.267

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STUDY NO. 99091 PERIOD 1 FROM DATE 16-JUL-2000 TO 30-JUL-2000

TEST TYPE:	ALBU-	ALK	SGPT	SGOT	TOT	BUN	CAL-	CREAT	GAMMA	GLU-	PHOS	T PRO-	DIR	SODI-
:	MIN	PHOS	/ALT	/AST	BILI		CIUM		-GT	COSE		TEIN	BILI	UM
UNITS:	g/dL	U/L	U/L	U/L	mg/dL	mg/dL	mg/dL	mg/dL	U/L	mg/dL	mg/dL	g/dL	mg/dL	mmol/L
ANIMAL														
F4 001	4.8	73.	32.	74.	0.1	16.1	10.1	0.4	0.	141.	5.0	6.7	< 0.1	144.
F4 002	4.7	73.	32.	106.	0.1	16.1	10.1	0.3	1.	97.	5.9	6.9	< 0.1	144.
F4 005	4.6	96.	34.	110.	0.1	16.5	9.8	0.4	1.	111.	6.0	6.5	< 0.1	145.
F4 006	4.4	71.	33.	108.	0.1	16.9	9.9	0.4	1.	99.	6.9	6.7	< 0.1	145.
F4 011	4.3	80.	29.	101.	0.2	19.6	10.1	0.4	0.	98.	7.2	6.2#	0.1	146.
F4 014	4.7	107.	20.#	114.	0.1	27.5#	10.1	0.4	0.	126.	7.6	6.7	0.1	145.
F4 015	4.6	68.	42.	100.	0.2	17.6	10.5	0.3	0.	101.	7.3	6.8	0.1	145.
F4 016	4.6	62.	36.	80.	0.1	18.1	10.7	0.3	0.	115.	7.2	6.8	< 0.1	144.
F4 017	4.5	61.	27.	81.	0.1	14.2	9.8	0.3	0.	133.	6.2	6.5	0.1	147.#
F4 018	4.6	48.	31.	88.	0.1	12.9	10.3	0.3	0.	95.	6.2	6.8	0.1	145.
N	10	10	10	10	10	10	10	10	10	10	10	10	5	10
MEAN	4.6	74.	32.	96.	0.1	17.5	10.1	0.4	0.	112.	6.6	6.7	0.1	145.
STD DEV	0.15	17.1	5.8	14.3	0.04	3.97	0.29	0.05	0.5	16.6	0.82	0.21	0.00	0.9

TEST TYPE:	POTA-	CHLO-	A/G
:	SSIUM	RIDE	RATIO?
UNITS:	mmol/L	mmol/L	
ANIMAL			
F4 001	4.1	98.	2.53
F4 002	4.7	97.	2.14
F4 005	4.6	99.	2.42
F4 006	4.7	96.	1.91
F4 011	4.8	99.	2.26
F4 014	5.5#	100.	2.35
F4 015	5.0	97.	2.09
F4 016	4.8	96.	2.09
F4 017	4.4	99.	2.25
F4 018	4.9	97.	2.09
N	10	10	10
MEAN	4.8	98.	2.21
STD DEV	0.37	1.4	0.184

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STUDY NO. 99091 PERIOD 1 FROM DATE 16-JUL-2000 TO 30-JUL-2000

TEST TYPE:	ALBU-MIN	ALK PHOS	SGPT /ALT	SGOT /AST	TOT BILI	BUN	CAL-CIUM	CREAT	GAMMA -GT	GLU-COSE	PHOS	T PRO-TEIN	DIR BILI	SODI-UM
UNITS:	g/dL	U/L	U/L	U/L	mg/dL	mg/dL	mg/dL	mg/dL	U/L	mg/dL	mg/dL	g/dL	mg/dL	mmol/L
ANIMAL														
F5 001	4.6	83.	24.	86.	0.1	16.3	9.8	0.5#	0.	115.	5.1	6.3	< 0.1	143.
F5 002	4.2	75.	32.	109.	0.1	15.1	9.7	0.3	2.	116.	6.2	6.0	< 0.1	145.
F5 005	4.4	65.	32.	81.	0.1	11.1#	9.6	0.2	2.	110.	6.2	6.0	< 0.1	145.
F5 006	4.6	63.	35.	82.	0.1	16.7	10.5	0.3	0.	97.	7.5	6.9	0.1	146.
F5 011	4.5	97.	30.	92.	0.1	15.4	10.0	0.3	0.	103.	5.8	6.4	0.1	148.
F5 014	4.9	91.	38.	105.	0.1	15.9	10.5	0.4	0.	104.	7.7	7.0	< 0.1	147.
F5 015	4.6	98.	36.	88.	0.2	16.2	10.3	0.3	0.	121.	6.3	6.5	0.1	146.
F5 016	4.4	74.	36.	94.	0.1	15.5	10.4	0.2	0.	96.	8.1	6.6	0.1	146.
F5 017	4.5	75.	105.#	181.#	0.1	15.2	10.6	0.3	1.	122.	7.0	6.6	0.1	144.
F5 018	4.7	58.	29.	81.	0.2	17.4	10.5	0.2	0.	105.	6.5	6.8	0.1	146.
N	10	10	10	10	10	10	10	10	10	10	10	10	6	10
MEAN	4.5	78.	40.	100.	0.1	15.5	10.2	0.3	1.	109.	6.6	6.5	0.1	146.
STD DEV	0.19	14.1	23.3	30.1	0.04	1.70	0.38	0.09	0.8	9.4	0.93	0.34	0.00	1.4

TEST TYPE:	POTA-SSIUM	CHLO-RIDE	A/G RATIO?
UNITS:	mmol/L	mmol/L	
ANIMAL			
F5 001	4.0#	98.	2.71
F5 002	5.0	99.	2.33
F5 005	4.7	98.	2.75
F5 006	4.5	95.	2.00
F5 011	4.4	103.#	2.37
F5 014	4.9	100.	2.33
F5 015	4.6	98.	2.42
F5 016	4.9	98.	2.00
F5 017	4.6	96.	2.14
F5 018	4.9	98.	2.24
N	10	10	10
MEAN	4.7	98.	2.33
STD DEV	0.30	2.2	0.256

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* = 3 OR MORE STANDARD DEVIATIONS FROM GROUP MEAN

STUDY NO. 99091 PERIOD 1 FROM DATE 16-JUL-2000 TO 30-JUL-2000

TEST TYPE: / UNITS:	ALBUMIN g/dL	ALK PHOS U/L	SGPT /ALT U/L	SGOT /AST U/L	TOT BILI mg/dL	BUN mg/dL	CALCIUM mg/dL	CREAT mg/dL	GAMMA-GT U/L	GLUCOSE mg/dL	PHOS mg/dL	T PROTEIN g/dL	DIR BILI mg/dL	SODIUM mmol/L
ANIMAL														
F6 001	4.7	116.	27.	80.	0.1	12.9#	10.1	0.3	1.	105.	6.5	6.8	< 0.1	146.
F6 002	4.4	68.	36.	116.	0.1	15.8	10.2	0.3	2.#	131.	7.0	6.7	< 0.1	145.
F6 005	4.2	78.	34.	90.	0.1	16.2	9.7#	0.3	1.	113.	6.4	6.1	< 0.1	146.
F6 006	4.6	54.	36.	88.	0.2	16.8	10.3	0.4	0.	99.	6.2	6.8	0.1	147.
F6 011	4.4	66.	41.	108.	0.1	19.3	10.0	0.4	0.	115.	6.7	6.4	< 0.1	146.
F6 014	3.8#	89.	54.#	123.	0.1	16.7	10.4	0.3	0.	94.	7.8#	6.4	< 0.1	147.
F6 015	4.5	101.	40.	98.	0.1	17.4	10.3	0.3	0.	103.	6.9	6.9	< 0.1	147.
F6 016	4.7	92.	27.	78.	0.2	18.3	10.3	0.3	0.	114.	6.2	6.7	0.1	147.
F6 017	4.8	84.	37.	98.	0.1	15.0	10.5	0.3	0.	124.	6.9	7.3	< 0.1	146.
F6 018	4.2	85.	30.	86.	0.1	18.2	10.3	0.2	1.	91.	6.4	6.3	< 0.1	145.
N	10	10	10	10	10	10	10	10	10	10	10	10	2	10
MEAN	4.4	83.	36.	97.	0.1	16.7	10.2	0.3	1.	109.	6.7	6.6	0.1	146.
STD DEV	0.30	18.0	7.9	15.1	0.04	1.84	0.23	0.06	0.7	12.9	0.48	0.35	0.00	0.8

TEST TYPE: / UNITS:	POTASSIUM mmol/L	CHLORIDE mmol/L	A/G RATIO?
ANIMAL			
F6 001	4.2	99.	2.24
F6 002	5.4	96.#	1.91
F6 005	4.7	98.	2.21
F6 006	4.3	98.	2.09
F6 011	5.0	100.	2.20
F6 014	5.6	100.	1.46#
F6 015	4.5	99.	1.87
F6 016	4.7	99.	2.35
F6 017	4.9	98.	1.92
F6 018	5.3	98.	2.00
N	10	10	10
MEAN	4.9	99.	2.03
STD DEV	0.47	1.2	0.255

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? = ALBUMIN/GLOBULIN RATIO IS DETERMINED BY ALBUMIN DIVIDED BY GLOBULIN (TOTAL PROTEIN MINUS ALBUMIN)
= 2 STANDARD DEVIATIONS FROM GROUP MEAN
* = 3 OR MORE STANDARD DEVIATIONS FROM GROUP MEAN

[redacted]DY [redacted] 990[redacted] [redacted]ERIO[redacted] [redacted]ROM [redacted] 16 [redacted]-2000 [redacted] 30-[redacted]-2000 [redacted]

TEST TYPE: UNITS:	ALBUMIN g/dL	ALK PHOS U/L	SGPT /ALT U/L	SGOT /AST U/L	TOT BILI mg/dL	BUN mg/dL	CALCIUM mg/dL	CREAT mg/dL	GAMMA-GT U/L	GLUCOSE mg/dL	PHOS mg/dL	T PROTEIN g/dL	DIR BILI mg/dL	SODIUM mmol/L
ANIMAL														
F7 001	4.5	111.	36.	107.	0.1	17.5	9.8	0.4	0.	103.	5.9	6.7	< 0.1	146.
F7 002	4.5	80.	32.	94.	0.1	12.5	10.1	0.4	2.	102.	6.9	6.3	< 0.1	146.
F7 005	5.1	136.#	32.	94.	0.1	13.4	10.1	0.3	1.	102.	6.3	7.1	< 0.1	149.#
F7 006	4.7	53.	32.	82.	0.2	16.5	10.3	0.2	0.	110.	6.4	7.0	0.1	145.
F7 011	4.5	106.	31.	73.	0.1	13.9	10.5	0.4	1.	99.	6.7	6.5	< 0.1	146.
F7 014	4.7	84.	65.#	126.#	0.1	17.8	10.1	0.4	2.	121.	6.7	6.8	< 0.1	147.
F7 015	4.8	68.	35.	77.	0.1	14.0	10.4	0.3	0.	109.	5.9	7.0	0.1	145.
F7 016	4.7	81.	30.	81.	0.2	16.4	10.7	0.2	0.	101.	7.5	7.1	< 0.1	146.
F7 017	4.9	77.	30.	71.	0.1	13.7	10.6	0.3	1.	119.	5.7	7.0	< 0.1	146.
F7 018	4.4	64.	30.	67.	0.1	17.2	10.1	0.2	0.	128.	5.9	6.6	0.1	146.
N	10	10	10	10	10	10	10	10	10	10	10	10	3	10
MEAN	4.7	86.	35.	87.	0.1	15.3	10.3	0.3	1.	109.	6.4	6.8	0.1	146.
STD DEV	0.21	24.9	10.6	18.4	0.04	1.97	0.28	0.09	0.8	10.0	0.57	0.28	0.00	1.1

TEST TYPE: UNITS:	POTASSIUM mmol/L	CHLORIDE mmol/L	A/G RATIO?
ANIMAL			
F7 001	4.2	100.	2.05
F7 002	4.9	97.	2.50
F7 005	3.8#	99.	2.55
F7 006	4.6	97.	2.04
F7 011	5.0	99.	2.25
F7 014	4.7	100.	2.24
F7 015	4.8	98.	2.18
F7 016	5.1	98.	1.96
F7 017	4.5	98.	2.33
F7 018	4.8	99.	2.00
N	10	10	10
MEAN	4.6	99.	2.21
STD DEV	0.39	1.1	0.206

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STUDY NO. 99091 PERIOD 1 FROM DATE 16-JUL-2000 TO 30-JUL-2000

TEST TYPE: UNITS:	ALBUMIN g/dL	ALK PHOS U/L	SGPT /ALT U/L	SGOT /AST U/L	TOT BILI mg/dL	BUN mg/dL	CALCIUM mg/dL	CREAT mg/dL	GAMMA-GT U/L	GLUCOSE mg/dL	PHOS mg/dL	T PROTEIN g/dL	DIR BILI mg/dL	SODIUM mmol/L
ANIMAL														
F8 001	4.6	87.	32.	113.	0.1	21.5	9.8	0.5	0.	98.	6.3	6.4	0.1	146.
F8 002	4.3	62.	33.	93.	0.1	12.6	9.6	0.3	1.	132.	7.1	6.0	< 0.1	146.
F8 005	4.3	81.	48.	113.	0.1	22.2	9.9	0.4	1.	119.	6.4	6.0	0.1	146.
F8 006	4.8	95.	33.	105.	0.1	17.2	10.2	0.3	0.	101.	6.3	6.7	0.1	147.
F8 011	4.3	95.	27.	79.	0.1	17.9	9.9	0.4	0.	160.#	7.5	6.3	< 0.1	149.#
F8 014	4.2	99.	44.	121.	0.1	15.8	10.4	0.3	0.	111.	7.3	6.4	< 0.1	146.
F8 015	4.2	56.	28.	91.	0.2	15.0	10.3	0.2	0.	109.	6.2	6.2	0.1	146.
F8 016	4.5	88.	36.	161.#	0.1	13.3	10.1	0.3	0.	107.	6.7	6.9	< 0.1	145.
F8 017	4.7	63.	32.	82.	0.2	18.2	10.6	0.2	0.	105.	6.5	6.7	0.1	147.
F8 018	4.4	67.	36.	77.	0.2	13.3	10.2	0.3	0.	136.	6.8	6.2	0.1	147.
N	10	10	10	10	10	10	10	10	10	10	10	10	6	10
MEAN	4.4	79.	35.	104.	0.1	16.7	10.1	0.3	0.	118.	6.7	6.4	0.1	147.
STD DEV	0.21	15.9	6.6	25.4	0.05	3.35	0.30	0.09	0.4	19.4	0.46	0.30	0.00	1.1

TEST TYPE: UNITS:	POTASSIUM mmol/L	CHLORIDE mmol/L	A/G RATIO?
ANIMAL			
F8 001	4.6	99.	2.56
F8 002	4.9	98.	2.53
F8 005	4.9	99.	2.53
F8 006	4.4	99.	2.53
F8 011	4.7	100.	2.15
F8 014	5.0	98.	1.91
F8 015	5.1	100.	2.10
F8 016	5.2	99.	1.87
F8 017	4.8	98.	2.35
F8 018	4.7	97.	2.44
N	10	10	10
MEAN	4.8	99.	2.30
STD DEV	0.24	0.9	0.267

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* = 3 OR MORE STANDARD DEVIATIONS FROM GROUP MEAN

[redacted]UDY [redacted] 99[redacted] [redacted]ERI[redacted]1 [redacted]FRO[redacted]TE 1[redacted]L-20[redacted]O 30[redacted]-20[redacted]

TEST TYPE: UNITS:	ALBUMIN g/dL	ALK PHOS U/L	SGPT /ALT U/L	SGOT /AST U/L	TOT BILI mg/dL	BUN mg/dL	CALCIUM mg/dL	CREAT mg/dL	GAMMA-GT U/L	GLUCOSE mg/dL	PHOS mg/dL	T PROTEIN g/dL	DIR BILI mg/dL	SODIUM mmol/L
ANIMAL														
F9 001	4.8	98.	62.	148.#	0.1	17.0	9.7	0.4	1.	110.	5.6	6.9	< 0.1	145.
F9 002	4.4	75.	26.	115.	0.2	16.9	9.8	0.3	1.	122.	5.8	6.5	0.1	146.
F9 005	4.4	82.	42.	84.	0.1	14.5	10.5	0.3	3.#	129.	6.8	6.4	< 0.1	147.
F9 006	4.8	89.	40.	98.	0.1	16.6	10.1	0.4	0.	91.	6.8	7.3	0.1	147.
F9 011	4.8	73.	44.	88.	0.1	14.2	11.1	0.3	1.	140.	6.9	7.2	< 0.1	147.
F9 014	4.4	84.	38.	80.	0.2	19.3	10.7	0.3	1.	109.	6.9	6.6	0.1	145.
F9 015	4.9	72.	60.	115.	0.1	16.4	10.1	0.4	1.	119.	6.9	6.8	0.1	147.
F9 016	4.8	87.	36.	116.	0.1	16.0	10.7	0.4	1.	99.	6.3	7.5	< 0.1	146.
F9 017	4.3	100.	32.	86.	0.1	12.1	10.3	0.2	0.	103.	6.6	6.1	< 0.1	148.
F9 018	4.7	74.	28.	68.	0.1	16.0	10.2	0.3	0.	130.	5.8	6.3	< 0.1	147.
N	10	10	10	10	10	10	10	10	10	10	10	10	4	10
MEAN	4.6	83.	41.	100.	0.1	15.9	10.3	0.3	1.	115.	6.4	6.8	0.1	147.
STD DEV	0.23	10.2	12.1	23.6	0.04	1.94	0.43	0.07	0.9	15.4	0.52	0.46	0.00	1.0

TEST TYPE: UNITS:	POTASSIUM mmol/L	CHLORIDE mmol/L	A/G RATIO?
ANIMAL			
F9 001	4.3	99.	2.29
F9 002	5.1	99.	2.10
F9 005	4.6	99.	2.20
F9 006	4.6	100.	1.92
F9 011	4.9	100.	2.00
F9 014	4.8	97.#	2.00
F9 015	4.6	100.	2.58
F9 016	5.4	99.	1.78
F9 017	5.1	101.	2.39
F9 018	4.4	100.	2.94#
N	10	10	10
MEAN	4.8	99.	2.22
STD DEV	0.35	1.1	0.346

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STUDY NO. 99091 PERIOD 1 FROM DATE 16-JUL-2000 TO 30-JUL-2000

TEST TYPE:	ALBU-MIN	ALK PHOS	SGPT /ALT	SGOT /AST	TOT BILI	BUN	CAL-CIUM	CREAT	GAMMA -GT	GLU-COSE	PHOS	T PRO-TEIN	DIR BILI	SODI-UM
UNITS:	g/dL	U/L	U/L	U/L	mg/dL	mg/dL	mg/dL	mg/dL	U/L	mg/dL	mg/dL	g/dL	mg/dL	mmol/L
ANIMAL														
F10 001	4.4	79.	40.	105.	0.2#	17.5	10.1	0.4	0.	110.	6.1	6.5	0.1	148.
F10 002	4.9	51.	26.	72.	0.1	16.9	9.9	0.4	2.#	116.	6.0	6.6	0.1	147.
F10 005	5.0	69.	31.	77.	< 0.1	14.2	10.7	0.2	1.	120.	6.0	6.6	0.1	146.
F10 006	4.9	98.	29.	97.	0.1	20.1#	10.1	0.3	1.	120.	5.9	7.0	0.1	147.
F10 011	5.0	85.	41.	122.#	0.1	16.7	10.5	0.4	0.	82.#	6.3	7.4	< 0.1	147.
F10 014	4.9	92.	30.	80.	0.1	14.6	10.4	0.3	0.	129.	6.2	6.8	< 0.1	148.
F10 015	4.7	96.	27.	88.	0.1	16.9	10.2	0.4	0.	100.	6.3	6.7	< 0.1	146.
F10 016	4.7	96.	31.	87.	0.1	15.7	11.1	0.3	0.	106.	7.1#	6.8	< 0.1	147.
F10 017	4.4	54.	29.	68.	0.1	13.6	10.7	0.1#	1.	120.	6.0	6.2	< 0.1	147.
F10 018	4.8	36.	34.	84.	0.1	15.6	11.4	0.3	1.	120.	6.8	7.1	< 0.1	146.
N	10	10	10	10	9	10	10	10	10	10	10	10	4	10
MEAN	4.8	76.	32.	88.	0.1	16.2	10.5	0.3	1.	112.	6.3	6.8	0.1	147.
STD DEV	0.22	22.1	5.1	16.3	0.03	1.89	0.47	0.10	0.7	13.5	0.39	0.34	0.00	0.7

TEST TYPE:	POTA-SSIUM	CHLO-RIDE	A/G RATIO?
UNITS:	mmol/L	mmol/L	
ANIMAL			
F10 001	4.5	100.	2.10
F10 002	4.3	99.	2.88
F10 005	4.7	99.	3.13#
F10 006	4.8	100.	2.33
F10 011	5.3	101.	2.08
F10 014	4.8	100.	2.58
F10 015	4.9	99.	2.35
F10 016	4.8	99.	2.24
F10 017	4.9	99.	2.44
F10 018	5.0	98.	2.09
N	10	10	10
MEAN	4.8	99.	2.42
STD DEV	0.27	0.8	0.351

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= 2 STANDARD DEVIATIONS FROM GROUP MEAN
* = 3 OR MORE STANDARD DEVIATIONS FROM GROUP MEAN

[redacted]UDY [redacted] 99[redacted] [redacted]ERI[redacted]2 [redacted]FRO[redacted]TE 1[redacted]P-20[redacted]O 27[redacted]-20[redacted]

TEST TYPE:	ALBU-	ALK	SGPT	SGOT	TOT	BUN	CAL-	CREAT	GAMMA	GLU-	PHOS	T PRO-	DIR	SODI-
:	MIN	PHOS	/ALT	/AST	BILI		CIUM		-GT	COSE		TEIN	BILI	UM
UNITS:	g/dL	U/L	U/L	U/L	mg/dL	mg/dL	mg/dL	mg/dL	U/L	mg/dL	mg/dL	g/dL	mg/dL	mmol/L
ANIMAL														
M1 001	4.5	92.	49.	89.	0.2	16.1	11.1	0.6	F	265.	9.5	7.1	0.1	148.
M1 002	4.4	81.	51.	93.	0.2	15.0	10.9	0.5	F	182.	9.3	7.1	0.1	148.
M1 005	4.3	76.	32.	83.	0.2	16.8	11.6	0.5	F	216.	12.6	6.6	0.1	143.
M1 006	4.5	65.	48.	77.	0.2	14.6	11.6	0.6	F	219.	10.3	7.3	G	149.
M1 011	4.2	87.	37.	88.	0.2	17.2	11.3	0.5	F	212.	11.5	6.7	G	151.
M1 014	4.3	105.	38.	66.	0.2	15.4	11.6	0.5	F	258.	9.7	6.7	0.1	150.
M1 015	4.3	85.	38.	70.	H	14.5	11.3	0.5	F	183.	9.0	6.8	G	148.
M1 016	4.2	72.	33.	65.	H	14.4	11.7	0.4	F	175.	10.2	6.5	G	145.
M1 017	4.1	71.	37.	66.	H	17.2	10.8	0.6	F	180.	10.1	6.1	G	144.
M1 018	4.5	104.	46.	79.	H	15.9	11.5	0.6	F	230.	11.3	6.8	G	147.
N	10	10	10	10	6	10	10	10	0	10	10	10	4	10
MEAN	4.3	84.	41.	78.	0.2	15.7	11.3	0.5	0.	212.	10.4	6.8	0.1	147.
STD DEV	0.14	13.6	6.9	10.5	0.00	1.10	0.32	0.07	0.0	32.4	1.13	0.34	0.00	2.6

TEST TYPE:	POTA-	CHLO-	A/G
:	SSIUM	RIDE	RATIO?
UNITS:	mmol/L	mmol/L	
ANIMAL			
M1 001	6.5	96.	1.73
M1 002	7.2	100.	1.63
M1 005	12.0#	98.	1.87
M1 006	5.9	99.	1.61
M1 011	7.3	102.	1.68
M1 014	5.3	101.	1.79
M1 015	6.3	99.	1.72
M1 016	7.6	99.	1.83
M1 017	9.1	102.	2.05
M1 018	8.6	102.	1.96
N	10	10	10
MEAN	7.6	100.	1.79
STD DEV	1.94	2.0	0.142

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STUDY NO. 99091 PERIOD 2 FROM DATE 12-SEP-2000 TO 27-SEP-2000

TEST TYPE: UNITS:	ALBUMIN g/dL	ALK PHOS U/L	SGPT /ALT U/L	SGOT /AST U/L	TOT BILI mg/dL	BUN mg/dL	CALCIUM mg/dL	CREAT mg/dL	GAMMA-GT U/L	GLUCOSE mg/dL	PHOS mg/dL	T PROTEIN g/dL	DIR BILI mg/dL	SODIUM mmol/L
ANIMAL														
M2 001	4.5	90.	46.	85.	H	16.2	11.2	0.5	F	184.	9.9	7.3	G	150.
M2 002	4.4	93.	42.	78.	H	14.6	11.0	0.5	F	229.	9.7	6.6	0.1	149.
M2 005	4.1	75.	39.	77.	0.2	15.3	11.3	0.6	F	213.	12.3	6.9	0.1	150.
M2 006	4.4	58.#	34.	81.	0.2	15.0	11.4	0.6	F	180.	9.3	7.0	0.1	149.
M2 011	4.3	80.	40.	78.	0.2	20.8#	11.6	0.5	F	258.	12.6	6.4	0.1	149.
M2 014	4.1	71.	43.	79.	H	16.1	11.3	0.5	F	267.	9.5	6.7	0.1	152.
M2 015	4.4	77.	34.	63.#	0.2	14.2	12.0	0.5	F	211.	9.5	7.0	G	147.
M2 016	3.8#	74.	43.	91.	H	17.6	11.5	0.6	F	181.	11.1	6.0	G	143.
M2 017	4.1	79.	34.	76.	H	17.1	11.0	0.6	F	233.	8.7	6.5	G	147.
M2 018	4.4	82.	37.	72.	H	15.2	11.8	0.5	F	311.	11.1	6.7	G	145.
N	10	10	10	10	4	10	10	10	0	10	10	10	5	10
MEAN	4.3	78.	39.	78.	0.2	16.2	11.4	0.5	0.	227.	10.4	6.7	0.1	148.
STD DEV	0.22	9.8	4.3	7.4	0.00	1.94	0.32	0.05	0.0	42.5	1.33	0.37	0.00	2.6

TEST TYPE: UNITS:	POTASSIUM mmol/L	CHLORIDE mmol/L	A/G RATIO?
ANIMAL			
M2 001	6.8	100.	1.61
M2 002	7.5	101.	2.00
M2 005	8.3	100.	1.46
M2 006	7.0	101.	1.69
M2 011	8.5	101.	2.05
M2 014	5.4#	100.	1.58
M2 015	7.7	99.	1.69
M2 016	8.2	99.	1.73
M2 017	7.1	103.#	1.71
M2 018	8.7	100.	1.91
N	10	10	10
MEAN	7.5	100.	1.74
STD DEV	1.00	1.2	0.188

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= 2 STANDARD DEVIATIONS FROM GROUP MEAN
* = 3 OR MORE STANDARD DEVIATIONS FROM GROUP MEAN

[redacted]UDY [redacted] 99[redacted] [redacted]ERI[redacted]2 [redacted]FROM [redacted]E 12-[redacted]-20[redacted] TO 27-[redacted]-200[redacted]

TEST TYPE: UNITS:	ALBU-MIN g/dL	ALK PHOS U/L	SGPT /ALT U/L	SGOT /AST U/L	TOT BILI mg/dL	BUN mg/dL	CAL-CIUM mg/dL	CREAT mg/dL	GAMMA -GT U/L	GLU-COSE mg/dL	PHOS mg/dL	T PRO-TEIN g/dL	DIR BILI mg/dL	SODI-UM mmol/L
ANIMAL														
M3 001	4.5	102.	47.	100.	0.2	15.5	11.3	0.6	F	199.	9.9	7.0	0.1	153.
M3 002	4.4	93.	45.	89.	H	15.9	11.0	0.6	F	227.	9.0	6.7	G	153.
M3 005	4.3	74.	35.	71.	H	16.3	10.2#	0.5	F	160.#	9.0	6.8	G	147.
M3 006	4.4	55.	24.#	60.	H	17.5	11.1	0.5	F	219.	12.3	6.6	0.1	147.
M3 011	4.2	79.	36.	74.	0.2	18.3	11.7	0.5	F	218.	12.1	6.2	0.1	148.
M3 014	4.3	104.	44.	77.	0.2	14.0	10.9	0.5	F	225.	9.4	6.8	G	149.
M3 015	4.3	77.	41.	81.	H	13.6	11.8	0.6	F	201.	10.2	6.5	G	145.
M3 016	4.2	106.	46.	101.	0.2	18.9	11.1	0.6	F	234.	9.8	6.3	0.1	145.
M3 017	4.1	64.	40.	85.	H	14.5	11.0	0.5	F	180.	9.4	6.4	G	146.
M3 018	3.9#	64.	37.	80.	H	13.7	11.7	0.5	F	215.	10.1	6.6	G	148.
N	10	10	10	10	4	10	10	10	0	10	10	10	4	10
MEAN	4.3	82.	40.	82.	0.2	15.8	11.2	0.5	0.	208.	10.1	6.6	0.1	148.
STD DEV	0.17	18.4	6.9	12.7	0.00	1.92	0.48	0.05	0.0	23.1	1.17	0.25	0.00	2.9

TEST TYPE: UNITS:	POTA-SSIUM mmol/L	CHLO-RIDE mmol/L	A/G RATIO?
ANIMAL			
M3 001	7.4	102.	1.80
M3 002	5.5	103.	1.91
M3 005	6.9	99.	1.72
M3 006	9.5	101.	2.00
M3 011	8.3	103.	2.10
M3 014	5.1	100.	1.72
M3 015	9.2	98.	1.95
M3 016	6.6	100.	2.00
M3 017	7.2	103.	1.78
M3 018	7.0	103.	1.44#
N	10	10	10
MEAN	7.3	101.	1.84
STD DEV	1.43	1.9	0.191

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STUDY NO. 99091 PERIOD 2 FROM DATE 12-SEP-2000 TO 27-SEP-2000

TEST TYPE:	ALBU-	ALK	SGPT	SGOT	TOT	BUN	CAL-	CREAT	GAMMA	GLU-	PHOS	T PRO-	DIR	SODI-
:	MIN	PHOS	/ALT	/AST	BILI		CIUM		-GT	COSE		TEIN	BILI	UM
UNITS:	g/dL	U/L	U/L	U/L	mg/dL	mg/dL	mg/dL	mg/dL	U/L	mg/dL	mg/dL	g/dL	mg/dL	mmol/L
ANIMAL														
M4 001	4.4	80.	51.	111.	0.2	18.2	11.4	0.6	F	190.	12.2	6.6	G	151.
M4 002	3.8	53.	32.	73.	0.2	13.6	11.5	0.5	F	174.	11.1	6.2	0.1	148.
M4 005	4.1	63.	42.	102.	H	29.0#	10.9	0.6	F	261.	10.4	6.2	G	148.
M4 006	4.5	84.	54.	81.	H	17.5	12.1	0.6	F	238.	12.5	7.6	G	147.
M4 011	4.9	65.	33.	63.	0.2	24.4	12.0	0.6	F	243.	9.7	7.5	G	150.
M4 014	4.5	92.	41.	95.	0.2	19.7	12.0	0.5	F	213.	14.7#	6.8	0.1	155.#
M4 015	4.5	70.	39.	73.	0.2	14.9	11.8	0.6	F	185.	10.8	6.8	0.1	146.
M4 016	4.1	91.	34.	86.	H	16.4	11.1	0.5	F	161.	10.0	6.1	0.1	146.
M4 017	4.5	71.	31.	72.	H	14.5	11.3	0.5	F	247.	10.4	7.1	G	147.
M4 018	4.4	90.	39.	82.	H	17.1	11.4	0.5	F	177.	10.2	6.8	G	152.
N	10	10	10	10	5	10	10	10	0	10	10	10	4	10
MEAN	4.4	76.	40.	84.	0.2	18.5	11.6	0.6	0.	209.	11.2	6.8	0.1	149.
STD DEV	0.30	13.5	7.8	15.0	0.00	4.79	0.41	0.05	0.0	36.0	1.53	0.52	0.00	2.9

TEST TYPE:	POTA-	CHLO-	A/G
:	SSIUM	RIDE	RATIO?
UNITS:	mmol/L	mmol/L	
ANIMAL			
M4 001	8.5	105.	2.00
M4 002	7.2	102.	1.58
M4 005	9.3	104.	1.95
M4 006	11.0#	100.	1.45
M4 011	6.2	100.	1.88
M4 014	6.8	101.	1.96
M4 015	8.5	99.	1.96
M4 016	6.7	101.	2.05
M4 017	6.9	103.	1.73
M4 018	5.7	104.	1.83
N	10	10	10
MEAN	7.7	102.	1.84
STD DEV	1.62	2.0	0.194

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STUDY NO. 99091 PERIOD 2 FROM DATE 12-SEP-2000 TO 27-SEP-2000

TEST TYPE:	ALBU-	ALK	SGPT	SGOT	TOT	BUN	CAL-	CREAT	GAMMA	GLU-	PHOS	T PRO-	DIR	SODI-
:	MIN	PHOS	/ALT	/AST	BILI		CIUM		-GT	COSE		TEIN	BILI	UM
UNITS:	g/dL	U/L	U/L	U/L	mg/dL	mg/dL	mg/dL	mg/dL	U/L	mg/dL	mg/dL	g/dL	mg/dL	mmol/L
ANIMAL														
M5 001	4.5	86.	45.	101.	0.3#	17.8	11.3	0.5	F	172.	9.8	6.9	0.1	153.
M5 002	4.8	90.	34.	75.	H	15.7	11.2	0.6	F	191.	9.4	7.3	G	148.
M5 005	4.6	71.	43.	86.	0.2	18.1	11.3	0.6	F	236.	10.8	7.0	0.1	152.
M5 006	4.5	89.	38.	77.	H	14.2	11.7	0.5	F	248.	8.1	7.3	G	152.
M5 011	4.3	79.	37.	86.	H	14.8	11.4	0.5	F	183.	8.9	6.6	0.1	149.
M5 014	4.3	68.	39.	80.	H	13.9	11.5	0.5	F	184.	9.6	6.4	G	150.
M5 015	4.0	72.	46.	76.	0.2	24.7#	11.1	0.5	F	238.	8.1	6.0	G	146.
M5 016	4.2	61.	37.	73.	0.2	16.9	11.6	0.5	F	155.	9.3	6.6	G	147.
M5 017	4.1	73.	52.#	94.	0.2	15.2	11.3	0.5	F	189.	8.9	6.5	G	148.
M5 018	4.1	104.	39.	73.	0.2	16.8	11.7	0.5	F	195.	11.8#	6.2	G	145.
N	10	10	10	10	6	10	10	10	0	10	10	10	3	10
MEAN	4.3	79.	41.	82.	0.2	16.8	11.4	0.5	0.	199.	9.5	6.7	0.1	149.
STD DEV	0.25	12.9	5.4	9.5	0.04	3.13	0.21	0.04	0.0	30.9	1.14	0.44	0.00	2.7

TEST TYPE:	POTA-	CHLO-	A/G
:	SSIUM	RIDE	RATIO?
UNITS:	mmol/L	mmol/L	
ANIMAL			
M5 001	6.2	101.	1.87
M5 002	5.6	98.#	1.92
M5 005	9.5	103.	1.92
M5 006	4.9	102.	1.61
M5 011	7.0	103.	1.87
M5 014	6.2	102.	2.05
M5 015	6.7	100.	2.00
M5 016	6.9	101.	1.75
M5 017	5.8	104.	1.71
M5 018	9.8	103.	1.95
N	10	10	10
MEAN	6.9	102.	1.86
STD DEV	1.60	1.8	0.137

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STUDY NO. 99091 PERIOD 2 FROM DATE 12-SEP-2000 TO 27-SEP-2000

TEST TYPE: UNITS:	ALBUMIN g/dL	ALK PHOS U/L	SGPT /ALT U/L	SGOT /AST U/L	TOT BILI mg/dL	BUN mg/dL	CALCIUM mg/dL	CREAT mg/dL	GAMMA-GT U/L	GLUCOSE mg/dL	PHOS mg/dL	T PROTEIN g/dL	DIR BILI mg/dL	SODIUM mmol/L
ANIMAL														
M6 001	4.8	92.	34.	76.	0.2	16.0	11.8	0.6	F	220.	9.5	7.6#	0.1	149.
M6 002	4.3	95.	42.	74.	0.2	14.5	10.7	0.5	F	171.	10.8	6.5	0.1	147.
M6 005	4.1	90.	59.	83.	0.2	17.3	10.5	0.6	F	164.	11.3	6.3	G	144.
M6 006	4.1	70.	35.	73.	H	22.3#	11.2	0.6	F	236.	11.0	6.5	0.1	150.
M6 011	4.5	90.	50.	90.	0.2	16.3	12.2	0.6	F	233.	10.9	6.9	0.1	145.
M6 014	4.6	79.	57.	91.	H	14.6	12.4	0.5	F	208.	10.6	6.9	0.1	146.
M6 015	4.4	107.	55.	92.	H	17.8	10.8	0.5	F	184.	9.0	6.9	G	150.
M6 016	4.3	108.	49.	85.	H	17.6	11.4	0.6	F	217.	9.1	6.6	G	148.
M6 017	4.3	72.	37.	65.	0.2	15.7	11.3	0.6	F	226.	10.7	6.6	G	147.
M6 018	4.4	100.	45.	75.	0.2	16.9	10.7	0.5	F	180.	9.9	6.5	G	149.
N	10	10	10	10	6	10	10	10	0	10	10	10	5	10
MEAN	4.4	90.	46.	80.	0.2	16.9	11.3	0.6	0.	204.	10.3	6.7	0.1	148.
STD DEV	0.21	13.3	9.2	9.1	0.00	2.22	0.66	0.05	0.0	26.8	0.84	0.37	0.00	2.1

TEST TYPE: UNITS:	POTASSIUM mmol/L	CHLORIDE mmol/L	A/G RATIO?
ANIMAL			
M6 001	6.5	99.	1.71
M6 002	6.7	100.	1.95
M6 005	9.2	99.	1.86
M6 006	7.2	104.	1.71
M6 011	10.5	100.	1.87
M6 014	10.0	100.	2.00
M6 015	6.6	104.	1.76
M6 016	7.0	104.	1.87
M6 017	8.4	105.	1.87
M6 018	7.1	105.	2.10
N	10	10	10
MEAN	7.9	102.	1.87
STD DEV	1.50	2.6	0.124

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[redacted]TUD[redacted] 9[redacted] [redacted] PER[redacted] 2 [redacted] FR[redacted]ATE [redacted]EP-2[redacted]TO 2[redacted]P-2[redacted]

TEST TYPE:	ALBU-	ALK	SGPT	SGOT	TOT	BUN	CAL-	CREAT	GAMMA	GLU-	PHOS	T PRO-	DIR	SODI-
:	MIN	PHOS	/ALT	/AST	BILI		CIUM		-GT	COSE		TEIN	BILI	UM
UNITS:	g/dL	U/L	U/L	U/L	mg/dL	mg/dL	mg/dL	mg/dL	U/L	mg/dL	mg/dL	g/dL	mg/dL	mmol/L
ANIMAL														
M7 001	4.3	125.	60.	99.	0.2	14.7	11.0	0.6	F	211.	9.7	7.1	0.1	149.
M7 002	4.2	107.	48.	102.	0.2	15.9	11.4	0.5	F	210.	11.5	6.5	0.1	145.
M7 005	4.0	99.	46.	107.	H	16.3	10.4	0.5	F	178.	8.6	6.9	G	153.
M7 006	4.4	85.	36.	70.	0.2	20.7#	11.5	0.5	F	153.	13.1#	6.7	0.1	149.
M7 011	4.4	94.	43.	82.	H	17.5	12.0	0.6	F	214.	9.3	7.1	G	149.
M7 014	3.8#	67.	42.	87.	H	14.4	11.1	0.5	F	157.	8.6	6.8	0.1	150.
M7 015	4.2	73.	44.	87.	0.2	17.0	11.2	0.5	F	186.	10.1	6.7	G	148.
M7 016	4.2	57.	39.	81.	0.2	18.6	11.3	0.5	F	246.	9.5	6.9	G	147.
M7 017	4.3	88.	56.	103.	H	15.9	11.0	0.5	F	222.	9.4	7.2	G	150.
M7 018	4.2	63.	37.	68.	0.2	14.1	11.1	0.5	F	224.	8.1	6.7	G	151.
N	10	10	10	10	6	10	10	10	0	10	10	10	4	10
MEAN	4.2	86.	45.	89.	0.2	16.5	11.2	0.5	0.	200.	9.8	6.9	0.1	149.
STD DEV	0.18	21.3	7.8	13.8	0.00	2.04	0.41	0.04	0.0	30.4	1.50	0.22	0.00	2.2

TEST TYPE:	POTA-	CHLO-	A/G
:	SSIUM	RIDE	RATIO?
UNITS:	mmol/L	mmol/L	
ANIMAL			
M7 001	6.4	99.	1.54
M7 002	7.8	101.	1.83
M7 005	6.4	104.	1.38
M7 006	9.2	103.	1.91
M7 011	6.7	98.	1.63
M7 014	6.5	102.	1.27
M7 015	8.1	105.	1.68
M7 016	5.9	101.	1.56
M7 017	7.8	106.	1.48
M7 018	6.4	105.	1.68
N	10	10	10
MEAN	7.1	102.	1.59
STD DEV	1.04	2.7	0.195

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STUDY NO. 99091 PERIOD 2 FROM DATE 12-SEP-2000 TO 27-SEP-2000

TEST TYPE:	ALBU-MIN	ALK PHOS	SGPT /ALT	SGOT /AST	TOT BILI	BUN	CAL-CIUM	CREAT	GAMMA -GT	GLU-COSE	PHOS	T PRO-TEIN	DIR BILI	SODI-UM
UNITS:	g/dL	U/L	U/L	U/L	mg/dL	mg/dL	mg/dL	mg/dL	U/L	mg/dL	mg/dL	g/dL	mg/dL	mmol/L
ANIMAL														
M8 001	4.4	76.	31.	72.	0.2	13.9	10.8	0.5	F	218.	9.6	6.5	0.1	144.#
M8 002	4.4	77.	38.	69.	0.2	18.4	11.1	0.5	F	194.	10.0	6.9	0.1	149.
M8 005	4.3	87.	62.	111.	H	14.9	11.2	0.6	F	224.	11.7	6.7	G	148.
M8 006	4.5	76.	36.	70.	0.2	17.0	13.0#	0.6	F	298.	11.4	7.1	G	150.
M8 011	4.0	93.	65.	117.	H	16.7	11.8	0.5	F	278.	10.7	6.8	G	148.
M8 014	4.3	81.	39.	72.	0.2	14.8	12.5	0.5	F	218.	11.0	6.7	0.1	147.
M8 015	4.2	90.	53.	88.	0.2	16.3	10.8	0.5	F	197.	8.8	6.5	G	151.
M8 016	4.1	83.	37.	80.	0.2	14.7	11.3	0.4	F	262.	10.3	6.7	G	148.
M8 017	4.5	74.	50.	107.	0.2	13.2	11.2	0.5	F	201.	8.8	7.0	G	151.
M8 018	3.9	107.#	41.	85.	H	13.9	10.7	0.5	F	214.	10.0	6.1#	G	150.
N	10	10	10	10	7	10	10	10	0	10	10	10	3	10
MEAN	4.3	84.	45.	87.	0.2	15.4	11.4	0.5	0.	230.	10.2	6.7	0.1	149.
STD DEV	0.21	10.2	11.6	18.2	0.00	1.65	0.77	0.06	0.0	36.1	1.00	0.29	0.00	2.1

TEST TYPE:	POTA-SSIUM	CHLO-RIDE	A/G RATIO?
UNITS:	mmol/L	mmol/L	
ANIMAL			
M8 001	6.5	96.	2.10
M8 002	6.0	98.	1.76
M8 005	10.0	103.	1.79
M8 006	7.3	100.	1.73
M8 011	7.5	102.	1.43
M8 014	9.7	100.	1.79
M8 015	5.8	105.	1.83
M8 016	6.6	103.	1.58
M8 017	5.8	105.	1.80
M8 018	7.7	109.	1.77
N	10	10	10
MEAN	7.3	102.	1.76
STD DEV	1.51	3.8	0.171

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STUDY NO. 99091 PERIOD 2 FROM DATE 12-SEP-2000 TO 27-SEP-2000

TEST TYPE:	ALBU-MIN	ALK PHOS	SGPT /ALT	SGOT /AST	TOT BILI	BUN	CAL-CIUM	CREAT	GAMMA -GT	GLU-COSE	PHOS	T PRO-TEIN	DIR BILI	SODI-UM
UNITS:	g/dL	U/L	U/L	U/L	mg/dL	mg/dL	mg/dL	mg/dL	U/L	mg/dL	mg/dL	g/dL	mg/dL	mmol/L
ANIMAL														
M9 001	4.4	110.	47.	92.	0.2	16.7	10.9	0.5	F	185.	10.3	6.8	G	146.
M9 002	4.3	102.	39.	82.	0.2	14.1	11.1	0.5	F	201.	10.5	6.5	0.1	147.
M9 005	4.6	82.	57.	94.	0.2	19.2	12.2	0.6	F	256.	13.7	7.1	0.1	149.
M9 006	4.8	90.	51.	97.	0.2	19.5	12.9#	0.6	F	235.	16.3#	7.3	0.1	155.
M9 011	4.5	95.	32.	72.	H	16.7	11.0	0.6	F	211.	10.1	7.3	G	161.#
M9 014	4.4	87.	42.	84.	H	14.2	12.2	0.6	F	226.	9.3	6.7	0.1	150.
M9 015	4.4	69.	46.	89.	0.2	17.8	11.2	0.5	F	207.	11.1	6.9	G	147.
M9 016	3.9#	84.	47.	80.	H	17.7	11.4	0.6	F	189.	9.6	6.2	G	148.
M9 017	4.3	85.	45.	98.	0.2	14.4	11.0	0.5	F	196.	9.9	6.7	G	147.
M9 018	4.4	90.	55.	105.	0.2	17.8	10.8	0.6	F	220.	7.7	6.9	G	150.
N	10	10	10	10	7	10	10	10	0	10	10	10	4	10
MEAN	4.4	89.	46.	89.	0.2	16.8	11.5	0.6	0.	213.	10.9	6.8	0.1	150.
STD DEV	0.23	11.3	7.4	9.9	0.00	1.99	0.71	0.05	0.0	22.1	2.44	0.34	0.00	4.6

TEST TYPE:	POTA-SSIUM	CHLO-RIDE	A/G RATIO?
UNITS:	mmol/L	mmol/L	
ANIMAL			
M9 001	6.6	100.	1.83
M9 002	6.4	99.	1.95
M9 005	9.3	100.	1.84
M9 006	8.8	106.	1.92
M9 011	7.3	108.	1.61
M9 014	6.4	101.	1.91
M9 015	9.7	105.	1.76
M9 016	6.7	105.	1.70
M9 017	7.5	105.	1.79
M9 018	6.0	105.	1.76
N	10	10	10
MEAN	7.5	103.	1.81
STD DEV	1.33	3.1	0.108

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? = ALBUMIN/GLOBULIN RATIO IS DETERMINED BY ALBUMIN DIVIDED BY GLOBULIN (TOTAL PROTEIN MINUS ALBUMIN)

= 2 STANDARD DEVIATIONS FROM GROUP MEAN

* = 3 OR MORE STANDARD DEVIATIONS FROM GROUP MEAN

STUDY NO. 99091 PERIOD 2 FROM DATE 12-SEP-2000 TO 27-SEP-2000

TEST TYPE:	ALBU-	ALK	SGPT	SGOT	TOT.	BUN	CAL-	CREAT	GAMMA	GLU-	PHOS	T PRO-	DIR	SODI-
:	MIN	PHOS	/ALT	/AST	BILI		CIUM		-GT	COSE		TEIN	BILI	UM
UNITS:	g/dL	U/L	U/L	U/L	mg/dL	mg/dL	mg/dL	mg/dL	U/L	mg/dL	mg/dL	g/dL	mg/dL	mmol/L
ANIMAL														
M10 001	4.5	87.	45.	88.	0.2	15.5	11.4	0.6	F	205.	11.1	7.0	0.1	149.
M10 002	5.0#	117.	40.	89.	0.2	15.5	12.2	0.5	F	206.	14.6#	7.6#	0.1	148.
M10 005	3.9	98.	38.	68.	H	16.6	10.8	0.5	F	193.	9.6	6.2	G	141.#
M10 006	4.4	59.	36.	73.	H	16.8	12.7	0.6	F	310.#	10.7	6.7	0.1	147.
M10 011	4.2	56.	36.	70.	H	12.2#	11.5	0.5	F	163.	8.8	6.5	G	149.
M10 014	4.2	108.	58.#	79.	H	15.1	12.1	0.5	F	219.	9.6	6.5	G	151.
M10 015	4.3	79.	37.	79.	0.2	16.2	11.2	0.6	F	212.	9.5	6.6	G	149.
M10 016	4.4	131.	42.	81.	0.2	14.8	11.4	0.5	F	225.	10.5	7.0	G	149.
M10 017	4.4	64.	39.	78.	H	15.7	10.8	0.6	F	174.	8.1	6.7	G	150.
M10 018	4.2	71.	42.	69.	H	16.3	11.4	0.5	F	197.	11.3	6.6	G	148.
N	10	10	10	10	4	10	10	10	0	10	10	10	3	10
MEAN	4.3	87.	41.	77.	0.2	15.5	11.6	0.5	0.	210.	10.4	6.7	0.1	148.
STD DEV	0.28	25.8	6.5	7.4	0.00	1.32	0.61	0.05	0.0	39.9	1.79	0.38	0.00	2.7

TEST TYPE:	POTA-	CHLO-	A/G
:	SSIUM	RIDE	RATIO?
UNITS:	mmol/L	mmol/L	
ANIMAL			
M10 001	7.5	98.	1.80
M10 002	10.5#	101.	1.92
M10 005	6.6	95.	1.70
M10 006	6.8	100.	1.91
M10 011	6.8	103.	1.83
M10 014	6.6	102.	1.83
M10 015	6.5	106.	1.87
M10 016	7.0	105.	1.69
M10 017	6.3	109.	1.91
M10 018	7.2	105.	1.75
N	10	10	10
MEAN	7.2	102.	1.82
STD DEV	1.22	4.1	0.087

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[redacted]UDY [redacted] 99[redacted] [redacted]PERI[redacted]2 [redacted]FROM [redacted]TE 12-SEP-2000 TO 27-SEP-2000[redacted]

TEST TYPE: UNITS:	ALBU-MIN g/dL	ALK PHOS U/L	SGPT /ALT U/L	SGOT /AST U/L	TOT BILI mg/dL	BUN mg/dL	CAL-CIUM mg/dL	CREAT mg/dL	GAMMA -GT U/L	GLU-COSE mg/dL	PHOS mg/dL	T PRO-TEIN g/dL	DIR BILI mg/dL	SODI-UM mmol/L
ANIMAL														
F1 001	4.7	75.	62.	107.	H	17.8	11.9	0.5	F	153.	9.8	7.3	G	149.
F1 002	4.5	55.	42.	96.	H	15.1	11.3	0.5	F	115.	10.7	6.7	G	149.
F1 005	4.9	55.	33.	81.	0.2	17.3	11.6	0.6	F	162.	8.9	6.9	0.1	148.
F1 006	5.3	66.	52.	104.	0.2	13.9	12.8	0.5	F	246.#	9.1	7.6	G	150.
F1 011	4.4	64.	35.	90.	0.2	17.3	11.9	0.6	F	143.	10.8	7.0	0.1	148.
F1 014	4.7	48.	45.	80.	H	18.8	10.9	0.6	F	127.	7.8	6.7	G	146.
F1 015	5.0	48.	59.	78.	0.2	18.6	10.8	0.5	F	193.	7.5	7.2	G	148.
F1 016	6.0	40.	72.	108.	0.2	25.6	11.8	0.6	F	140.	8.7	8.3	G	155.
F1 017	5.5	46.	39.	91.	0.2	23.1	12.1	0.7	F	143.	9.6	7.8	G	154.
F1 018	6.3	33.	381.#	592.#	0.3#	20.7	13.1	0.6	F	177.	12.3	8.7	0.1	151.
N	10	10	10	10	7	10	10	10	0	10	10	10	3	10
MEAN	5.1	53.	82.	143.	0.2	18.8	11.8	0.6	0.	160.	9.5	7.4	0.1	150.
STD DEV	0.64	12.7	105.8	158.3	0.04	3.52	0.74	0.07	0.0	37.9	1.46	0.68	0.00	2.8

TEST TYPE: UNITS:	POTA-SSIUM mmol/L	CHLO-RIDE mmol/L	A/G RATIO?
ANIMAL			
F1 001	8.2	109.	1.81
F1 002	7.4	111.	2.05
F1 005	7.4	102.	2.45
F1 006	7.0	103.	2.30
F1 011	8.0	103.	1.69
F1 014	7.8	105.	2.35
F1 015	6.5	103.	2.27
F1 016	8.8	109.	2.61
F1 017	7.4	107.	2.39
F1 018	8.4	106.	2.63
N	10	10	10
MEAN	7.7	106.	2.25
STD DEV	0.69	3.1	0.315

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STUDY NO. 99091 PERIOD 2 FROM DATE 12-SEP-2000 TO 27-SEP-2000

TEST TYPE:	ALBU-	ALK	SGPT	SGOT	TOT	BUN	CAL-	CREAT	GAMMA	GLU-	PHOS	T PRO-	DIR	SODI-
:	MIN	PHOS	/ALT	/AST	BILI		CIUM		-GT	COSE		TEIN	BILI	UM
UNITS:	g/dL	U/L	U/L	U/L	mg/dL	mg/dL	mg/dL	mg/dL	U/L	mg/dL	mg/dL	g/dL	mg/dL	mmol/L
ANIMAL														
F2 001A														
F2 002	5.1	36.	28.	65.	0.2	22.1	12.1	0.6	F	188.	9.0	7.4	G	148.
F2 005	5.8	76.#	31.	69.	0.2	13.6	11.9	0.6	F	232.	9.6	8.2#	G	149.
F2 006	4.8	52.	41.	78.	0.2	16.7	11.6	0.6	F	211.	8.6	7.0	G	147.
F2 011	4.6	42.	39.	96.	0.2	15.4	12.2	0.6	F	155.	9.9	7.1	0.1	148.
F2 014	5.1	36.	46.	88.	H	18.7	11.3	0.6	F	170.	9.1	7.3	G	147.
F2 015	5.5	45.	48.	88.	0.2	20.2	11.8	0.6	F	231.	10.1	7.4	G	145.
F2 016	4.9	40.	45.	83.	0.2	19.0	12.0	0.6	F	195.	11.6#	7.4	G	149.
F2 017	4.6	45.	35.	77.	0.2	17.6	10.4#	0.6	F	167.	8.6	7.2	G	150.
F2 018	5.4	56.	36.	85.	0.2	18.4	11.1	0.6	F	119.	9.4	7.3	G	150.
N	9	9	9	9	8	9	9	9	0	9	9	9	1	9
MEAN	5.1	48.	39.	81.	0.2	18.0	11.6	0.6	0.	185.	9.5	7.4	0.1	148.
STD DEV	0.41	12.6	6.9	9.8	0.00	2.53	0.58	0.00	0.0	36.9	0.93	0.34	0.00	1.6

TEST TYPE:	POTA-	CHLO-	A/G
:	SSIUM	RIDE	RATIO?
UNITS:	mmol/L	mmol/L	
ANIMAL			
F2 001A			
F2 002	7.9	104.	2.22
F2 005	7.2	106.	2.42
F2 006	8.0	104.	2.18
F2 011	8.2	102.	1.84
F2 014	7.8	103.	2.32
F2 015	9.2	102.	2.89
F2 016	8.6	105.	1.96
F2 017	8.6	105.	1.77
F2 018	8.5	106.	2.84
N	9	9	9
MEAN	8.2	104.	2.27
STD DEV	0.58	1.5	0.401

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A. NO SAMPLE SUBMITTED

[redacted]DY [redacted] 99[redacted] [redacted]ERIO[redacted] [redacted]FROM[redacted]E 12[redacted]-200[redacted] 27[redacted]-200[redacted]

TEST TYPE: UNITS:	ALBU-MIN g/dL	ALK PHOS U/L	SGPT /ALT U/L	SGOT /AST U/L	TOT BILI mg/dL	BUN mg/dL	CAL-CIUM mg/dL	CREAT mg/dL	GAMMA -GT U/L	GLU-COSE mg/dL	PHOS mg/dL	T PRO-TEIN g/dL	DIR BILI mg/dL	SODI-UM mmol/L
ANIMAL														
F3 001	5.2	53.	85.	110.	0.2	19.8	12.3	0.6	F	199.	11.9#	7.5	G	150.
F3 002	5.7	36.	128.	256.	H	17.2	12.3	0.5#	F	181.	8.1	8.1	0.1	147.
F3 005	6.5	33.	48.	89.	0.2	20.6	12.7	0.6	F	201.	8.6	8.7	0.1	147.
F3 006	5.4	40.	42.	86.	0.2	15.8	12.3	0.6	F	196.	8.3	7.6	0.1	148.
F3 011	5.8	29.	42.	78.	0.2	21.8	11.1	0.6	F	172.	8.8	7.7	G	145.
F3 014	5.5	42.	41.	87.	H	17.5	11.5	0.6	F	152.	10.2	7.2	G	145.
F3 015	6.6	38.	144.	306.#	0.2	17.6	12.4	0.6	F	207.	9.1	8.9	G	150.
F3 016	5.1	48.	35.	86.	0.2	16.7	11.7	0.6	F	198.	8.4	7.8	G	151.
F3 017	5.4	51.	26.	80.	0.2	17.4	11.6	0.6	F	120.	8.5	7.6	0.2	152.
F3 018	4.8	41.	52.	94.	H	19.5	11.0	0.6	F	125.	9.6	7.1	G	150.
N	10	10	10	10	7	10	10	10	0	10	10	10	4	10
MEAN	5.6	41.	64.	127.	0.2	18.4	11.9	0.6	0.	175.	9.2	7.8	0.1	149.
STD DEV	0.58	7.7	41.0	82.4	0.00	1.92	0.59	0.03	0.0	32.2	1.16	0.59	0.05	2.5

TEST TYPE: UNITS:	POTA-SSIUM mmol/L	CHLO-RIDE mmol/L	A/G RATIO?
ANIMAL			
F3 001	8.2	108.	2.26
F3 002	8.3	105.	2.37
F3 005	6.9	98.	2.95
F3 006	6.6	102.	2.45
F3 011	7.2	101.	3.05
F3 014	8.8	102.	3.24
F3 015	6.4	101.	2.87
F3 016	6.5	106.	1.89
F3 017	6.9	103.	2.45
F3 018	7.4	107.	2.09
N	10	10	10
MEAN	7.3	103.	2.56
STD DEV	0.84	3.1	0.443

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STUDY NO. 99091 PERIOD 2 FROM DATE 12-SEP-2000 TO 27-SEP-2000

TEST TYPE:	ALBU-MIN	ALK PHOS	SGPT /ALT	SGOT /AST	TOT BILI	BUN	CAL-CIUM	CREAT	GAMMA -GT	GLU-COSE	PHOS	T PRO-TEIN	DIR BILI	SODI-UM
UNITS:	g/dL	U/L	U/L	U/L	mg/dL	mg/dL	mg/dL	mg/dL	U/L	mg/dL	mg/dL	g/dL	mg/dL	mmol/L
ANIMAL														
F4 001	5.2	30.	42.	66.	0.2	17.5	12.7	0.5	F	198.	10.3	7.2	G	148.
F4 002	5.3	36.	35.	84.	0.2	18.9	12.0	0.6	F	198.	7.4	7.5	G	150.
F4 005	5.2	45.	38.	88.	0.2	16.7	12.6	0.6	F	230.	10.0	7.4	0.1	147.
F4 006	5.0	44.	36.	91.	0.2	19.6	12.2	0.6	F	149.	8.3	8.1	0.1	149.
F4 011	5.4	45.	37.	90.	H	21.8	11.2	0.7	F	188.	7.7	7.4	G	148.
F4 014	5.1	61.#	54.	96.	0.2	20.6	11.3	0.6	F	185.	8.5	7.6	G	146.
F4 015	5.7	49.	62.	110.	0.2	21.8	11.3	0.8#	F	152.	9.3	8.0	G	153.
F4 016	5.9	33.	204.#	388.#	H	22.5	12.4	0.6	F	217.	8.5	8.3	G	150.
F4 017	QNS	36.	33.	96.	QNS	QNS	QNS	QNS	F	QNS	8.3	QNS	QNS	154.
F4 018	4.3#	32.	29.	73.	0.2	17.6	11.4	0.5	F	121.	10.5	6.9	G	150.
N	9	10	10	10	7	9	9	9	0	9	10	9	2	10
MEAN	5.2	41.	57.	118.	0.2	19.7	11.9	0.6	0.	182.	8.9	7.6	0.1	150.
STD DEV	0.45	9.6	52.6	95.6	0.00	2.13	0.61	0.09	0.0	35.0	1.09	0.45	0.00	2.5

TEST TYPE:	POTA-SSIUM	CHLO-RIDE	A/G RATIO?
UNITS:	mmol/L	mmol/L	
ANIMAL			
F4 001	6.8	109.	2.60
F4 002	7.4	105.	2.41
F4 005	7.7	100.	2.36
F4 006	7.9	103.	1.61
F4 011	7.1	103.	2.70
F4 014	7.7	103.	2.04
F4 015	7.8	106.	2.48
F4 016	6.5	103.	2.46
F4 017	6.8	QNS	QNS
F4 018	7.3	105.	1.65
N	10	9	9
MEAN	7.3	104.	2.26
STD DEV	0.49	2.5	0.397

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QNS = QUANTITY NOT SUFFICIENT
# = 2 STANDARD DEVIATIONS FROM GROUP MEAN
* = 3 OR MORE STANDARD DEVIATIONS FROM GROUP MEAN

[redacted]TUDY[redacted] 9[redacted] [redacted]PER[redacted] 2 [redacted] FR[redacted]TE [redacted]P-2[redacted]O 2[redacted]P-2[redacted]

TEST TYPE: UNITS:	ALBU-MIN g/dL	ALK PHOS U/L	SGPT /ALT U/L	SGOT /AST U/L	TOT BILI mg/dL	BUN mg/dL	CAL-CIUM mg/dL	CREAT mg/dL	GAMMA -GT U/L	GLU-COSE mg/dL	PHOS mg/dL	T PRO-TEIN g/dL	DIR BILI mg/dL	SODI-UM mmol/L
ANIMAL														
F5 001	4.9	42.	43.	88.	0.2	18.5	11.2	0.6	F	162.	8.8	6.9	G	149.
F5 002	4.6	39.	28.	89.	H	23.7	11.5	0.7	F	169.	7.7	6.5	G	149.
F5 005	5.2	35.	39.	85.	H	17.2	11.7	0.5	F	164.	8.9	7.1	G	148.
F5 006	5.1	36.	27.	70.	0.2	23.3	10.9	0.7	F	193.	7.4	7.2	0.1	146.
F5 011	5.1	52.	43.	91.	0.2	14.2	10.9	0.6	F	130.	6.8	7.2	0.1	149.
F5 014	5.3	61.#	41.	79.	H	16.3	10.9	0.6	F	153.	8.1	7.2	G	150.
F5 015	5.6	48.	46.	88.	0.2	17.3	12.8	0.6	F	192.	9.8	7.7	G	153.
F5 016	5.8	43.	64.	95.	0.2	19.4	12.2	0.6	F	180.	11.4	8.1	G	154.
F5 017	5.4	39.	148.#	151.#	0.2	21.1	11.8	0.6	F	142.	10.0	7.5	G	151.
F5 018	5.6	32.	64.	98.	0.2	20.1	12.2	0.6	F	220.	9.5	7.8	G	152.
N	10	10	10	10	7	10	10	10	0	10	10	10	2	10
MEAN	5.3	43.	54.	93.	0.2	19.1	11.6	0.6	0.	171.	8.8	7.3	0.1	150.
STD DEV	0.36	8.8	35.2	21.7	0.00	3.04	0.65	0.06	0.0	26.6	1.39	0.47	0.00	2.4

TEST TYPE: UNITS:	POTA-SSIUM mmol/L	CHLO-RIDE mmol/L	A/G RATIO?
ANIMAL			
F5 001	7.1	108.	2.45
F5 002	6.4	105.	2.42
F5 005	7.0	103.	2.74
F5 006	7.0	102.	2.43
F5 011	7.6	106.	2.43
F5 014	7.6	106.	2.79
F5 015	7.4	104.	2.67
F5 016	9.7#	110.	2.52
F5 017	6.3	103.	2.57
F5 018	7.2	106.	2.55
N	10	10	10
MEAN	7.3	105.	2.56
STD DEV	0.94	2.5	0.135

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STUDY NO. 99091 PERIOD 2 FROM DATE 12-SEP-2000 TO 27-SEP-2000

TEST TYPE:	ALBU-MIN	ALK PHOS	SGPT /ALT	SGOT /AST	TOT BILI	BUN	CAL-CIUM	CREAT	GAMMA -GT	GLU-COSE	PHOS	T PRO-TEIN	DIR BILI	SODI-UM
UNITS:	g/dL	U/L	U/L	U/L	mg/dL	mg/dL	mg/dL	mg/dL	U/L	mg/dL	mg/dL	g/dL	mg/dL	mmol/L
ANIMAL														
F6 001	5.5	50.	80.	103.	0.2	19.4	12.1	0.6	F	189.	10.0	7.8	G	150.
F6 002	5.4	37.	56.	81.	0.2	20.8	12.3	0.7	F	239.	7.7	7.8	G	148.
F6 005	4.7	47.	38.	81.	0.3#	22.5	12.9	0.7	F	202.	12.2	6.8	G	149.
F6 006	5.3	35.	49.	90.	0.2	19.0	11.6	0.6	F	232.	7.5	7.6	0.1	149.
F6 011	5.0	47.	49.	95.	0.2	17.6	11.1	0.6	F	237.	7.2	7.1	G	150.
F6 014	4.8	60.	34.	79.	0.2	20.1	11.1	0.6	F	171.	9.3	7.3	G	147.
F6 015	5.5	62.	52.	113.	0.2	16.4	12.2	0.7	F	183.	9.7	7.9	G	153.#
F6 016	6.4	35.	105.	147.	0.2	21.7	13.6	0.6	F	190.	10.4	8.7	G	151.
F6 017	6.2	41.	64.	82.	H	19.6	12.1	0.6	F	226.	8.7	8.5	G	150.
F6 018	4.8	42.	84.	134.	H	21.6	11.0	0.6	F	113.#	9.0	6.9	G	150.
N	10	10	10	10	8	10	10	10	0	10	10	10	1	10
MEAN	5.4	46.	61.	101.	0.2	19.9	12.0	0.6	0.	198.	9.2	7.6	0.1	150.
STD DEV	0.58	9.6	22.3	23.9	0.04	1.90	0.84	0.05	0.0	38.7	1.52	0.64	0.00	1.6

TEST TYPE:	POTA-SSIUM	CHLO-RIDE	A/G RATIO?
UNITS:	mmol/L	mmol/L	
ANIMAL			
F6 001	6.6	110.#	2.39
F6 002	9.2	103.	2.25
F6 005	9.2	103.	2.24
F6 006	7.0	103.	2.30
F6 011	7.2	104.	2.38
F6 014	8.1	101.	1.92
F6 015	8.4	106.	2.29
F6 016	7.3	104.	2.78
F6 017	6.9	104.	2.70
F6 018	7.6	107.	2.29
N	10	10	10
MEAN	7.8	105.	2.35
STD DEV	0.94	2.5	0.242

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? = ALBUMIN/GLOBULIN RATIO IS DETERMINED BY ALBUMIN DIVIDED BY GLOBULIN (TOTAL PROTEIN MINUS ALBUMIN)
= 2 STANDARD DEVIATIONS FROM GROUP MEAN
* = 3 OR MORE STANDARD DEVIATIONS FROM GROUP MEAN

STUDY NO. 99091 PERIOD 2 FROM DATE 12-SEP-2000 TO 27-SEP-2000

TEST TYPE:	ALBU-	ALK	SGPT	SGOT	TOT	BUN	CAL-	CREAT	GAMMA	GLU-	PHOS	T PRO-	DIR	SODI-
:	MIN	PHOS	/ALT	/AST	BILI		CIUM		-GT	COSE		TEIN	BILI	UM
UNITS:	g/dL	U/L	U/L	U/L	mg/dL	mg/dL	mg/dL	mg/dL	U/L	mg/dL	mg/dL	g/dL	mg/dL	mmol/L
ANIMAL														
F7 001	4.8	65.	36.	91.	0.2	19.6	12.0	0.6	F	200.	11.9	7.2	G	149.
F7 002	5.3	45.	39.	84.	0.2	13.8	12.5	0.6	F	210.	9.1	7.4	G	152.
F7 005	QNS	73.	153.#	189.#	0.2	17.1	12.8	0.6	F	184.	10.8	9.0#	QNS	156.
F7 006	5.3	29.	39.	77.	0.3#	20.6	12.1	0.6	F	148.	8.1	7.7	0.1	148.
F7 011	5.1	67.	43.	79.	0.2	19.3	12.0	0.6	F	193.	9.5	7.0	G	149.
F7 014	5.2	42.	115.	141.	H	21.8	11.3	0.6	F	166.	8.1	7.4	G	148.
F7 015	5.6	46.	59.	92.	0.2	18.8	12.3	0.6	F	228.	8.0	7.8	G	153.
F7 016	5.1	53.	63.	100.	0.2	21.4	12.1	0.6	F	186.	9.5	7.4	G	153.
F7 017	6.0	40.	37.	70.	0.2	14.9	11.6	0.6	F	139.	7.5	8.0	G	154.
F7 018	5.6	42.	31.	74.	0.2	15.4	11.7	0.6	F	167.	11.4	8.0	G	154.
N	9	10	10	10	9	10	10	10	0	10	10	10	1	10
MEAN	5.3	50.	62.	100.	0.2	18.3	12.0	0.6	0.	182.	9.4	7.7	0.1	152.
STD DEV	0.35	14.0	40.5	37.3	0.03	2.82	0.44	0.00	0.0	27.6	1.54	0.57	0.00	2.9

TEST TYPE:	POTA-	CHLO-	A/G
:	SSIUM	RIDE	RATIO?
UNITS:	mmol/L	mmol/L	
ANIMAL			
F7 001	7.2	107.	2.00
F7 002	6.2	103.	2.52
F7 005	7.1	105.	QNS
F7 006	7.8	104.	2.21
F7 011	7.9	104.	2.68
F7 014	6.8	105.	2.36
F7 015	6.6	106.	2.55
F7 016	6.1	104.	2.22
F7 017	6.6	107.	3.00
F7 018	8.9#	107.	2.33
N	10	10	9
MEAN	7.1	105.	2.43
STD DEV	0.87	1.5	0.297

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QNS = QUANTITY NOT SUFFICIENT
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STUDY NO. 99091 PERIOD 2 FROM DATE 12-SEP-2000 TO 27-SEP-2000

TEST TYPE:	ALBU-	ALK	SGPT	SGOT	TOT	BUN	CAL-	CREAT	GAMMA	GLU-	PHOS	T PRO-	DIR	SODI-
:	MIN	PHOS	/ALT	/AST	BILI		CIUM		-GT	COSE		TEIN	BILI	UM
UNITS:	g/dL	U/L	U/L	U/L	mg/dL	mg/dL	mg/dL	mg/dL	U/L	mg/dL	mg/dL	g/dL	mg/dL	mmol/L
ANIMAL														
F8 001	4.9	47.	61.	117.	0.2	22.3	12.1	0.6	F	137.	13.5#	7.2	G	148.
F8 002	4.9	38.	83.	122.	H	17.2	12.4	0.6	F	195.	10.3	6.9	G	151.
F8 005	5.4	68.	155.#	215.#	0.2	24.8	13.4#	0.6	F	170.	12.4	7.5	0.1	150.
F8 006	5.5	55.	30.	82.	0.2	21.1	11.5	0.6	F	133.	9.4	7.3	G	146.
F8 011	5.1	35.	43.	68.	H	16.4	12.0	0.6	F	196.	8.4	7.1	G	148.
F8 014	4.7	47.	37.	79.	0.2	21.9	12.0	0.6	F	207.	9.9	7.4	G	149.
F8 015	4.9	37.	37.	83.	0.2	20.1	11.4	0.6	F	149.	9.2	7.1	G	154.
F8 016	5.1	67.	52.	83.	0.2	17.4	12.1	0.5	F	201.	10.8	7.4	G	151.
F8 017	5.3	38.	42.	91.	0.2	25.9	11.5	0.6	F	148.	9.9	7.3	G	155.
F8 018	5.4	51.	42.	74.	0.2	18.3	11.4	0.5	F	190.	10.1	7.6	QNS	168.#
N	10	10	10	10	8	10	10	10	0	10	10	10	1	10
MEAN	5.1	48.	58.	101.	0.2	20.5	12.0	0.6	0.	173.	10.4	7.3	0.1	152.
STD DEV	0.27	12.1	37.2	43.6	0.00	3.26	0.61	0.04	0.0	28.6	1.52	0.21	0.00	6.3

TEST TYPE:	POTA-	CHLO-	A/G
:	SSIUM	RIDE	RATIO?
UNITS:	mmol/L	mmol/L	
ANIMAL			
F8 001	9.0	109.	2.13
F8 002	8.8	107.	2.45
F8 005	8.0	103.	2.57
F8 006	9.8	106.	3.06
F8 011	7.3	105.	2.55
F8 014	6.7	101.	1.74
F8 015	7.6	108.	2.23
F8 016	6.7	102.	2.22
F8 017	7.2	107.	2.65
F8 018	7.5	113.	2.45
N	10	10	10
MEAN	7.9	106.	2.40
STD DEV	1.03	3.6	0.353

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STUDY NO. 99091 PERIOD 2 FROM DATE 12-SEP-2000 TO 27-SEP-2000

TEST TYPE:	ALBU-	ALK	SGPT	SGOT	TOT	BUN	CAL-	CREAT	GAMMA	GLU-	PHOS	T PRO-	DIR	SODI-
:	MIN	PHOS	/ALT	/AST	BILI		CIUM		-GT	COSE		TEIN	BILI	UM
UNITS:	g/dL	U/L	U/L	U/L	mg/dL	mg/dL	mg/dL	mg/dL	U/L	mg/dL	mg/dL	g/dL	mg/dL	mmol/L
ANIMAL														
F9 001	6.4	38.	131.	212.	0.2	23.7	12.4	0.7	F	188.	11.0	8.9#	G	147.
F9 002	5.1	42.	23.	74.	H	17.8	12.3	0.6	F	230.	8.9	7.5	G	150.
F9 005	5.3	42.	75.	107.	0.2	18.9	12.8	0.6	F	191.	9.1	7.6	G	150.
F9 006	5.7	39.	88.	163.	0.2	20.8	11.3	0.6	F	157.	8.5	7.9	0.1	146.
F9 011	5.4	33.	50.	74.	0.2	19.9	12.1	0.6	F	208.	8.5	7.3	G	148.
F9 014	5.2	57.	38.	85.	0.2	18.6	12.1	0.6	F	185.	9.2	7.4	G	150.
F9 015	6.1	51.	66.	121.	0.2	23.7	12.0	0.7	F	216.	9.8	8.2	G	152.
F9 016	5.4	43.	256.#	401.#	0.2	18.3	12.6	0.6	F	158.	11.3	8.0	G	152.
F9 017	4.8	62.	32.	83.	0.2	15.2	10.6	0.6	F	122.	8.7	7.1	G	154.
F9 018	5.8	56.	32.	73.	0.2	19.3	11.2	0.6	F	144.	9.9	7.7	G	157.
N	10	10	10	10	9	10	10	10	0	10	10	10	1	10
MEAN	5.5	46.	79.	139.	0.2	19.6	11.9	0.6	0.	180.	9.5	7.8	0.1	151.
STD DEV	0.48	9.6	70.2	102.6	0.00	2.60	0.69	0.04	0.0	34.1	1.00	0.52	0.00	3.3

TEST TYPE:	POTA-	CHLO-	A/G
:	SSIUM	RIDE	RATIO?
UNITS:	mmol/L	mmol/L	
ANIMAL			
F9 001	8.0	107.	2.56
F9 002	7.5	105.	2.12
F9 005	6.6	103.	2.30
F9 006	8.0	103.	2.59
F9 011	7.3	104.	2.84
F9 014	8.5	105.	2.36
F9 015	8.9	108.	2.90
F9 016	8.0	104.	2.08
F9 017	7.1	107.	2.09
F9 018	7.9	109.	3.05
N	10	10	10
MEAN	7.8	106.	2.49
STD DEV	0.67	2.1	0.357

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STUDY NO. 99091 PERIOD 2 FROM DATE 12-SEP-2000 TO 27-SEP-2000

TEST TYPE:	ALBU-MIN	ALK PHOS	SGPT /ALT	SGOT /AST	TOT BILI	BUN	CAL-CIUM	CREAT	GAMMA -GT	GLU-COSE	PHOS	T PRO-TEIN	DIR BILI	SODI-UM
UNITS:	g/dL	U/L	U/L	U/L	mg/dL	mg/dL	mg/dL	mg/dL	U/L	mg/dL	mg/dL	g/dL	mg/dL	mmol/L
ANIMAL														
F10 001	4.7	45.	51.	98.	0.2	18.4	12.1	0.6	F	181.	11.7	7.3	G	148.
F10 002	5.9	29.	63.	95.	0.2	21.6	13.1	0.6	F	196.	11.0	8.0	0.1	149.
F10 005	5.4	54.	34.	87.	0.2	15.0	11.7	0.5	F	205.	10.3	7.1	G	146.
F10 006	5.6	57.	84.#	116.#	0.2	21.1	11.2	0.6	F	168.	8.1	7.6	G	147.
F10 011	4.9	69.	38.	76.	H	20.6	11.1	0.7	F	136.	9.4	7.4	G	148.
F10 014	5.7	50.	38.	73.	0.2	16.0	11.8	0.6	F	217.	8.7	7.5	G	152.
F10 015	5.3	91.#	30.	81.	0.2	21.6	11.7	0.7	F	163.	9.3	7.9	G	151.
F10 016	5.6	48.	41.	79.	H	21.2	12.4	0.6	F	220.	10.7	7.7	G	152.
F10 017	5.4	32.	27.	73.	0.2	14.8	12.0	0.5	F	212.	8.9	7.4	G	154.
F10 018	6.2	25.	33.	71.	0.2	16.9	12.4	0.5	F	184.	8.8	8.4#	G	152.
N	10	10	10	10	8	10	10	10	0	10	10	10	1	10
MEAN	5.5	50.	44.	85.	0.2	18.7	11.9	0.6	0.	188.	9.7	7.6	0.1	150.
STD DEV	0.44	19.8	17.6	14.3	0.00	2.83	0.59	0.07	0.0	27.1	1.17	0.38	0.00	2.6

TEST TYPE:	POTA-SSIUM	CHLO-RIDE	A/G RATIO?
UNITS:	mmol/L	mmol/L	
ANIMAL			
F10 001	8.6	107.	1.81
F10 002	8.5	100.#	2.81
F10 005	8.8	103.	3.18
F10 006	8.6	103.	2.80
F10 011	9.8	108.	1.96
F10 014	6.2	105.	3.17
F10 015	9.1	105.	2.04
F10 016	7.3	105.	2.67
F10 017	7.1	106.	2.70
F10 018	6.8	107.	2.82
N	10	10	10
MEAN	8.1	105.	2.59
STD DEV	1.15	2.4	0.489

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FREE TEXT FOOTNOTE TRANSLATIONS:

F Value obtained for Gamma-GT is less than low limit of linearity (16 U/L)
G Value obtained for D. Bili is less than low limit of linearity (0.1 mg/dl).
H Value obtained for T. Bili is less than low limit of linearity (0.1 mg/dL).

RESULTS OF HITACHI URINE CHEMISTRY

PRINT DATE: 28-AUG-2001 PAGE 1

STUDY NO. 99091 PERIOD 1 FROM DATE 16-JUL-2000 TO 31-JUL-2000

TEST TYPE:	CAL-CIUM	CREAT	U. PRO-TEIN	PHOS	SOD-IUM	POTAS-SIUM	CHLOR-IDE	NA/K RATIO!	CREAT. Clear-ance *	TOTAL VOLUME mL/ 16 hrs
UNITS:	mg/dL	mg/dL	mg/dL	mg/dL	mmol/L	mmol/L	mmol/L			
ANIMAL										
M1 001	3.5	91.4	95.	194.7	76.	171.0	80.	0.44	0.79	7.5
M1 002	9.6#	118.7	73.	216.8	61.	201.0	111.#	0.30	0.49	5.0
M1 005	5.2	80.2	68.	170.7	64.	144.0	61.	0.44	0.91	10.0
M1 006	2.6	68.4	37.	142.9	32.	132.0	46.	0.24	0.63	12.0
M1 011	2.8	121.7	151.	171.3	21.	190.0	58.	0.11	0.76	7.5
M1 014F								NC		
M1 015	3.0	128.8	122.	213.2	26.	165.0	37.	0.16	0.78	5.0
M1 016	2.8	102.5	131.	152.0	26.	182.5	60.	0.14	1.60#	6.5
M1 017	4.0	128.0	94.	192.9	29.	173.0	46.	0.17	0.56	5.5
M1 018	4.0	99.6	106.	141.2	39.	181.0	75.	0.22	0.55	7.5
N	9	9	9	9	9	9	9	9	9	9
MEAN	4.2	104.4	97.	177.3	42.	171.1	64.	0.25	0.79	7.4
STD DEV	2.20	21.60	35.0	28.73	20.1	21.75	22.4	0.126	0.336	2.34

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! Sodium/potassium ratio is determined by sodium divided by potassium

* Units for creatinine clearance are mL/min/100 gm body weight
  Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms

NC = Unable to calculate due to missing value(s).

= 2 standard deviations from group mean

RESULTS OF HITACHI URINE CHEMISTRY PRINT DATE: 28-AUG-2001 PAGE 2

STUDY NO. 99091 PERIOD 1 FROM DATE 16-JUL-2000 TO 31-JUL-2000

TEST TYPE: UNITS:	CAL-CIUM mg/dL	CREAT mg/dL	U. PRO-TEIN mg/dL	PHOS mg/dL	SOD-IUM mmol/L	POTAS-SIUM mmol/L	CHLOR-IDE mmol/L	NA/K RATIO!	CREAT. Clear-ance *	TOTAL VOLUME mL/ 16 hrs
ANIMAL										
M2 001	7.2	117.6	95.	175.8	49.	233.0	107.	0.21	1.18	7.5
M2 002	2.8	103.6	75.	167.6	56.	183.0	71.	0.31	1.00	7.5
M2 005	5.4	110.2	111.	199.6	59.	203.5	101.	0.29	0.53	8.0
M2 006	5.0	139.9	104.	208.2	24.	258.0	83.	0.09	0.78	7.5
M2 011	6.3	156.7	142.	246.5	21.	284.0	84.	0.07	1.02	5.0
M2 014	4.2	109.1	53.	184.0	24.	189.0	48.	0.13	0.76	6.0
M2 015	4.9	80.4	89.	157.3	55.	153.5	73.	0.36	0.89	12.0#
M2 016	2.6	126.5	129.	228.1	38.	221.0	48.	0.17	0.62	6.0
M2 017	2.8	102.9	106.	135.3	40.	169.5	66.	0.24	0.91	7.5
M2 018	3.2	115.3	155.	151.4	26.	198.0	54.	0.13	0.72	5.0
N	10	10	10	10	10	10	10	10	10	10
MEAN	4.4	116.2	106.	185.4	39.	209.3	74.	0.20	0.84	7.2
STD DEV	1.59	21.12	30.6	35.19	14.9	40.29	20.6	0.097	0.200	2.02

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! Sodium/potassium ratio is determined by sodium divided by potassium
* Units for creatinine clearance are mL/min/100 gm body weight
Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms
= 2 standard deviations from group mean

RESULTS OF HITACHI URINE CHEMISTRY PRINT DATE: 28-AUG-2001 PAGE 3

STUDY NO. 99091 PERIOD 1 FROM DATE 16-JUL-2000 TO 31-JUL-2000

TEST TYPE:	CAL-CIUM	CREAT	U. PRO-TEIN	PHOS	SOD-IUM	POTAS-SIUM	CHLOR-IDE	NA/K RATIO!	CREAT. Clear-ance *	TOTAL VOLUME mL/ 16 hrs
UNITS:	mg/dL	mg/dL	mg/dL	mg/dL	mmol/L	mmol/L	mmol/L			
ANIMAL										
M3 001	4.9	127.5	182.	193.0	40.	192.0	77.	0.21	0.76	7.0
M3 002	3.6	177.0	130.	293.7	65.	279.0	104.	0.23	0.48	5.0
M3 005	8.7#	203.4	213.	207.7	45.	389.0	157.#	0.12	0.39	2.5
M3 006	3.5	160.0	118.	223.6	26.	257.5	80.	0.10	0.51	5.0
M3 011	1.3	66.0	44.	130.0	37.	112.0	37.	0.33	0.66	12.0
M3 014	5.9	177.7	128.	334.0	36.	321.0	72.	0.11	0.54	5.0
M3 015	3.1	102.5	96.	167.1	39.	161.0	55.	0.24	0.62	7.5
M3 016	3.1	80.8	58.	150.6	25.	127.5	37.	0.20	0.88	13.0
M3 017	5.4	141.0	142.	256.7	82.#	285.5	107.	0.29	1.08#	6.5
M3 018	3.3	105.2	155.	127.7	45.	147.5	51.	0.31	0.62	8.5
N	10	10	10	10	10	10	10	10	10	10
MEAN	4.3	134.1	127.	208.4	44.	227.2	78.	0.21	0.65	7.2
STD DEV	2.04	45.48	51.8	69.57	17.4	92.59	37.1	0.083	0.204	3.26

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! Sodium/potassium ratio is determined by sodium divided by potassium
* Units for creatinine clearance are mL/min/100 gm body weight
Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms
= 2 standard deviations from group mean

RESULTS OF HITACHI URINE CHEMISTRY PRINT DATE: 28-AUG-2001 PAGE 4

STUDY NO. 99091 PERIOD 1 FROM DATE 16-JUL-2000 TO 31-JUL-2000

TEST TYPE:	CAL-CIUM	CREAT	U. PRO-TEIN	PHOS	SOD-IUM	POTAS-SIUM	CHLOR-IDE	NA/K RATIO!	CREAT. Clear-ance *	TOTAL VOLUME mL/ 16 hrs
UNITS:	mg/dL	mg/dL	mg/dL	mg/dL	mmol/L	mmol/L	mmol/L			
ANIMAL										
M4 001	14.7#	125.2	125.	144.5	51.	233.0	98.	0.22	0.38	5.0
M4 002	5.7	104.1	50.	127.1	21.	174.0	57.	0.12	0.38	5.0
M4 005	3.7	87.8	88.	102.4	64.	158.0	77.	0.41#	0.60	8.0
M4 006	5.2	115.1	87.	80.1	24.	157.0	44.	0.15	0.58	6.0
M4 011	2.9	152.2	138.	142.4	20.	263.5	97.	0.08	0.53	4.0
M4 014	6.1	127.7	151.	94.8	39.	190.5	100.	0.20	0.59	5.0
M4 015	5.7	104.2	73.	58.8	54.	191.0	80.	0.28	0.63	7.5
M4 016	2.7	107.6	92.	111.9	28.	199.0	67.	0.14	0.83	10.0
M4 017	5.2	137.7	173.	129.6	38.	223.5	76.	0.17	0.65	6.5
M4 018	3.1	99.8	67.	115.7	17.	127.0	36.	0.13	0.75	10.0
N	10	10	10	10	10	10	10	10	10	10
MEAN	5.5	116.1	104.	110.7	36.	191.6	73.	0.19	0.59	6.7
STD DEV	3.48	19.47	40.1	27.39	16.3	40.51	22.4	0.095	0.141	2.12

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! Sodium/potassium ratio is determined by sodium divided by potassium

* Units for creatinine clearance are mL/min/100 gm body weight
  Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms

= 2 standard deviations from group mean

RESULTS OF HITACHI URINE CHEMISTRY PRINT DATE: 28-AUG-2001 PAGE 5

STUDY NO. 99091 PERIOD 1 FROM DATE 16-JUL-2000 TO 31-JUL-2000

TEST TYPE: UNITS:	CAL-CIUM mg/dL	CREAT mg/dL	U. PRO-TEIN mg/dL	PHOS mg/dL	SOD-IUM mmol/L	POTAS-SIUM mmol/L	CHLOR-IDE mmol/L	NA/K RATIO!	CREAT. Clear-ance *	TOTAL VOLUME mL/ 16 hrs
ANIMAL										
M5 001	3.6	130.2	108.	201.7	14.	187.0	41.	0.07	0.69	6.0
M5 002	4.1	159.0	166.	168.8	48.	294.0	156.#	0.16	0.67	3.5
M5 005	4.1	102.8	125.	232.5	25.	216.0	61.	0.12	0.59	7.5
M5 006	2.0	70.2	55.	145.1	35.	133.5	44.	0.26	0.73	9.0
M5 011	3.3	130.8	107.	212.1	36.	219.0	52.	0.16	0.33	4.0
M5 014	3.1	131.0	199.	244.6	42.	213.5	56.	0.20	0.51	5.0
M5 015	3.5	158.9	155.	291.4	18.	239.0	40.	0.08	NCW	3.5
M5 016	3.3	104.6	124.	134.5	28.	189.5	77.	0.15	NCW	9.0
M5 017	7.7#	200.2	134.	244.4	37.	265.5	89.	0.14	0.64	2.5
M5 018F								NC		
N	9	9	9	9	9	9	9	9	7	9
MEAN	3.9	132.0	130.	208.3	31.	217.4	68.	0.15	0.59	5.6
STD DEV	1.57	37.97	40.9	51.44	11.1	46.65	36.7	0.059	0.136	2.46

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! Sodium/potassium ratio is determined by sodium divided by potassium
* Units for creatinine clearance are mL/min/100 gm body weight
Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms
NCW = Unable to calculate due to missing body weight
NC = Unable to calculate due to missing value(s).
# = 2 standard deviations from group mean

RESULTS OF HITACHI URINE CHEMISTRY

STUDY NO. 99091 PERIOD 1 FROM DATE 16-JUL-2000 TO 31-JUL-2000

TEST TYPE: UNITS:	CALCIUM mg/dL	CREAT mg/dL	U. PROTEIN mg/dL	PHOS mg/dL	SODIUM mmol/L	POTASSIUM mmol/L	CHLORIDE mmol/L	NA/K RATIO!	CREAT. Clearance *	TOTAL VOLUME mL/ 16 hrs
ANIMAL										
M6 001	4.3	94.1	112.	152.3	34.	161.0	61.	0.21	0.46	7.5
M6 002	4.0	133.6	120.	119.8	51.	168.0	58.	0.30	0.26	3.0
M6 005	5.4	139.7	186.	219.8	88.#	269.5	128.#	0.33	0.65	5.0
M6 006	6.5	108.7	121.	164.3	38.	182.5	69.	0.21	0.50	7.5
M6 011	5.3	141.4	177.	211.4	20.	229.0	80.	0.09	0.57	5.0
M6 014	4.2	176.1	189.	245.8	61.	259.0	92.	0.24	0.57	4.0
M6 015	2.6	96.5	78.	168.4	40.	142.5	50.	0.28	1.07	10.0#
M6 016	4.8	207.2	160.	283.1	43.	312.5	75.	0.14	0.56	3.5
M6 017	6.4	142.1	136.	231.7	48.	243.0	63.	0.20	0.56	5.0
M6 018	4.3	159.7	140.	240.4	35.	288.0	76.	0.12	0.98	5.0
N	10	10	10	10	10	10	10	10	10	10
MEAN	4.8	139.9	142.	203.7	46.	225.5	75.	0.21	0.62	5.6
STD DEV	1.17	35.33	36.0	50.56	18.5	58.74	22.1	0.079	0.239	2.15

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! Sodium/potassium ratio is determined by sodium divided by potassium
* Units for creatinine clearance are mL/min/100 gm body weight
Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms
= 2 standard deviations from group mean

RESULTS OF HITACHI URINE CHEMISTRY

STUDY NO. 99091 PERIOD 1 FROM DATE 16-JUL-2000 TO 31-JUL-2000

TEST TYPE: UNITS:	CAL-CIUM mg/dL	CREAT mg/dL	U. PRO-TEIN mg/dL	PHOS mg/dL	SOD-IUM mmol/L	POTAS-SIUM mmol/L	CHLOR-IDE mmol/L	NA/K RATIO!	CREAT. Clear-ance *	TOTAL VOLUME mL/ 16 hrs
ANIMAL										
M7 001	5.2	101.4	77.	189.9	43.	214.0	90.	0.20	0.76	10.0
M7 002G								NC		
M7 005	3.3	146.2	160.#	272.8	37.	287.5	77.	0.13	0.46	5.0
M7 006	3.9	102.6	115.	162.2	32.	187.5	72.	0.17	0.45	4.5
M7 011	2.1	101.3	94.	145.1	39.	158.0	55.	0.25	1.29#	5.0
M7 014	4.0	104.2	113.	169.8	51.	171.0	60.	0.30	0.44	5.0
M7 015	2.0	88.4	97.	127.8	25.	137.5	54.	0.18	0.67	10.0
M7 016	3.1	144.7	125.	207.0	25.	211.5	76.	0.12	0.74	5.0
M7 017	4.5	135.3	113.	217.4	40.	236.0	76.	0.17	0.73	7.5
M7 018	3.7	96.1	111.	193.5	40.	172.0	66.	0.23	0.57	10.0
N	9	9	9	9	9	9	9	9	9	9
MEAN	3.5	113.4	112.	187.3	37.	197.2	70.	0.19	0.68	6.9
STD DEV	1.05	22.22	23.1	43.17	8.4	45.64	11.8	0.058	0.262	2.48

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! Sodium/potassium ratio is determined by sodium divided by potassium

* Units for creatinine clearance are mL/min/100 gm body weight
  Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms

NC = Unable to calculate due to missing value(s).

= 2 standard deviations from group mean

RESULTS OF HITACHI URINE CHEMISTRY

STUDY NO. 99091 PERIOD 1 FROM DATE 16-JUL-2000 TO 31-JUL-2000

TEST TYPE: UNITS:	CAL-CIUM mg/dL	CREAT mg/dL	U. PRO-TEIN mg/dL	PHOS mg/dL	SOD-IUM mmol/L	POTAS-SIUM mmol/L	CHLOR-IDE mmol/L	NA/K RATIO!	CREAT. Clear-ance *	TOTAL VOLUME mL/ 16 hrs
ANIMAL										
M8 001	4.5	137.7	113.	140.2	41.	211.0	80.	0.19	0.67	6.0
M8 002	3.5	149.0	146.	306.7	39.	228.0	58.	0.17	0.58	4.5
M8 005	5.0	141.3	134.	178.0	40.	206.0	67.	0.19	0.81	7.5
M8 006	4.0	94.4	116.	157.0	56.	157.0	57.	0.36	0.59	8.0
M8 011	5.6	189.1	202.#	345.4	40.	347.5#	118.#	0.12	0.77	3.5
M8 014	2.4	84.4	80.	183.7	68.	202.0	92.	0.34	0.54	8.5
M8 015	3.3	107.5	85.	240.2	32.	201.5	44.	0.16	0.66	8.5
M8 016	2.8	139.8	85.	187.2	22.	208.0	59.	0.11	0.50	5.0
M8 017	5.6	91.6	96.	164.5	37.	163.0	43.	0.23	0.50	7.5
M8 018	6.3	124.7	115.	141.8	51.	174.5	78.	0.29	0.81	6.0
N	10	10	10	10	10	10	10	10	10	10
MEAN	4.3	126.0	117.	204.5	43.	209.9	70.	0.22	0.64	6.5
STD DEV	1.31	32.19	36.9	70.65	12.9	53.40	23.1	0.087	0.119	1.76

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! Sodium/potassium ratio is determined by sodium divided by potassium
* Units for creatinine clearance are mL/min/100 gm body weight
Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms
= 2 standard deviations from group mean

RESULTS OF HITACHI URINE CHEMISTRY PRINT DATE: 28-AUG-2001 PAGE 9

STUDY NO. 99091 PERIOD 1 FROM DATE 16-JUL-2000 TO 31-JUL-2000

TEST TYPE: UNITS:	CAL-CIUM mg/dL	CREAT mg/dL	U. PRO-TEIN mg/dL	PHOS mg/dL	SOD-IUM mmol/L	POTAS-SIUM mmol/L	CHLOR-IDE mmol/L	NA/K RATIO!	CREAT. Clear-ance *	TOTAL VOLUME mL/ 16 hrs
ANIMAL										
M9 001	2.8	164.4	102.	218.7	46.	253.0	84.	0.18	0.54	4.0
M9 002	2.7	119.2	112.	263.9	23.	215.0	49.	0.11	0.54	3.5
M9 005	3.2	103.4	89.	160.5	39.	178.5	62.	0.22	0.64	7.5
M9 006	2.6	125.9	77.	279.6	22.	234.5	44.	0.09	0.30#	4.0
M9 011	4.3	203.4#	124.	348.1	43.	325.5#	70.	0.13	0.40	2.5
M9 014	3.3	147.2	102.	226.9	20.	214.0	52.	0.09	0.47	5.0
M9 015	4.7	100.6	108.	203.2	26.	157.0	46.	0.17	0.61	7.5
M9 016	13.9#	138.9	103.	248.6	39.	201.0	71.	0.19	0.65	6.0
M9 017	2.2	116.7	92.	126.3	58.	181.5	64.	0.32#	0.51	5.5
M9 018	4.3	142.8	132.	221.4	31.	246.5	72.	0.13	0.63	5.5
N	10	10	10	10	10	10	10	10	10	10
MEAN	4.4	136.3	104.	229.7	35.	220.7	61.	0.16	0.53	5.1
STD DEV	3.44	30.91	16.2	61.84	12.4	47.98	13.2	0.070	0.112	1.65

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! Sodium/potassium ratio is determined by sodium divided by potassium
* Units for creatinine clearance are mL/min/100 gm body weight
Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms
= 2 standard deviations from group mean

RESULTS OF HITACHI URINE CHEMISTRY PRINT DATE: 28-AUG-2001 PAGE 10

STUDY NO. 99091 PERIOD 1 FROM DATE 16-JUL-2000 TO 31-JUL-2000

TEST TYPE: UNITS:	CALCIUM mg/dL	CREAT mg/dL	U. PROTEIN mg/dL	PHOS mg/dL	SODIUM mmol/L	POTASSIUM mmol/L	CHLORIDE mmol/L	NA/K RATIO!	CREAT. Clearance *	TOTAL VOLUME mL/ 16 hrs
ANIMAL										
M10 001	4.2	138.0	183.	256.3	22.	221.0	72.	0.10	0.83	7.5
M10 002	6.1	168.7	138.	241.8	88.	248.0	103.	0.35	0.64	2.5
M10 005	3.8	156.4	105.	261.9	19.	259.0	52.	0.07	0.63	5.0
M10 006	1.7	93.1	78.	180.9	35.	127.5	33.	0.27	0.54	7.5
M10 011	7.5	123.7	106.	267.1	40.	235.5	91.	0.17	0.69	6.5
M10 014	4.8	112.2	167.	184.3	78.	183.5	92.	0.43	0.67	7.5
M10 015	3.0	129.0	143.	149.7	54.	162.5	64.	0.33	0.49	5.0
M10 016	4.2	142.2	148.	195.4	48.	199.5	66.	0.24	0.56	5.0
M10 017	4.2	114.9	176.	143.2	48.	180.5	79.	0.27	0.88	10.0
M10 018	9.0	137.9	151.	231.0	44.	239.5	77.	0.18	0.41	4.5
N	10	10	10	10	10	10	10	10	10	10
MEAN	4.8	131.6	140.	211.2	48.	205.7	73.	0.24	0.63	6.1
STD DEV	2.15	22.09	33.8	46.37	21.9	42.22	20.6	0.112	0.145	2.12

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! Sodium/potassium ratio is determined by sodium divided by potassium
* Units for creatinine clearance are mL/min/100 gm body weight
Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms

RESULTS OF HITACHI URINE CHEMISTRY

STUDY NO. 99091 PERIOD 1 FROM DATE 16-JUL-2000 TO 31-JUL-2000

TEST TYPE:	CAL-CIUM	CREAT	U. PRO-TEIN	PHOS	SOD-IUM	POTAS-SIUM	CHLOR-IDE	NA/K RATIO!	CREAT. Clear-ance *	TOTAL VOLUME mL/ 16 hrs
UNITS:	mg/dL	mg/dL	mg/dL	mg/dL	mmol/L	mmol/L	mmol/L			
ANIMAL										
F1 001	8.2	125.2	50.	337.0	42.	203.5	41.	0.21	0.39	3.0
F1 002	5.5	135.6	45.	244.3	31.	221.0	45.	0.14#	0.30	1.5
F1 005	5.2	92.3	29.	203.3	49.	160.5	55.	0.31	0.55	4.0
F1 006	6.5	64.7	21.	99.7	51.	148.5	61.	0.34	0.43	5.5
F1 011	6.9	98.7	34.	243.8	65.	176.0	66.	0.37	0.64	4.5
F1 014	14.5#	159.1	50.	329.4	70.	226.0	112.	0.31	0.54	2.5
F1 015	9.5	111.2	41.	138.4	84.	205.0	114.	0.41	0.57	4.0
F1 016	9.8	107.9	46.	241.6	69.	193.0	99.	0.36	0.32	2.0
F1 017	8.3	100.0	31.	208.1	42.	148.0	102.	0.28	0.59	5.0
F1 018	7.0	166.0	82.#	477.0#	107.#	280.0#	136.	0.38	0.58	1.5
N	10	10	10	10	10	10	10	10	10	10
MEAN	8.1	116.1	43.	252.3	61.	196.1	83.	0.31	0.49	3.3
STD DEV	2.71	31.03	16.8	107.74	22.8	40.75	33.3	0.083	0.123	1.45

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! Sodium/potassium ratio is determined by sodium divided by potassium
* Units for creatinine clearance are mL/min/100 gm body weight
Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms
= 2 standard deviations from group mean

RESULTS OF HITACHI URINE CHEMISTRY PRINT DATE: 28-AUG-2001 PAGE 12

STUDY NO. 99091 PERIOD 1 FROM DATE 16-JUL-2000 TO 31-JUL-2000

TEST TYPE: UNITS:	CALCIUM mg/dL	CREAT mg/dL	U. PROTEIN mg/dL	PHOS mg/dL	SODIUM mmol/L	POTASSIUM mmol/L	CHLORIDE mmol/L	NA/K RATIO!	CREAT. Clearance *	TOTAL VOLUME mL/ 16 hrs
ANIMAL										
F2 001	6.4	158.3	56.	322.5	52.	300.5	97.	0.17	0.66	3.0
F2 002	18.1	158.7	40.	291.6	51.	258.0	90.	0.20	0.64	2.0
F2 005	2.0	46.9	13.	102.3#	30.	75.4	< 30.	0.40	0.57	13.0#
F2 006	6.5	215.8	72.	328.3	43.	370.0	89.	0.12	0.61	1.5
F2 011	7.5	151.4	43.	329.0	49.	244.0	64.	0.20	1.04#	4.0
F2 014	3.4	70.9	21.	171.7	82.	109.0	63.	0.75#	0.59	6.5
F2 015	5.0	125.9	43.	270.4	66.	280.0	91.	0.24	0.35	3.0
F2 016	22.2	85.7	29.	229.3	93.	190.5	99.	0.49	0.64	6.5
F2 017	15.1	133.1	48.	282.1	52.	217.5	106.	0.24	0.29	2.5
F2 018	5.7	95.0	60.	213.6	48.	127.5	66.	0.38	0.54	3.0
N	10	10	10	10	10	10	9	10	10	10
MEAN	9.2	124.2	43.	254.1	57.	217.2	85.	0.32	0.59	4.5
STD DEV	6.80	50.24	18.0	74.79	18.7	92.61	16.4	0.192	0.201	3.44

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! Sodium/potassium ratio is determined by sodium divided by potassium
* Units for creatinine clearance are mL/min/100 gm body weight
Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms
= 2 standard deviations from group mean

RESULTS OF HITACHI URINE CHEMISTRY

STUDY NO. 99091 PERIOD 1 FROM DATE 16-JUL-2000 TO 31-JUL-2000

TEST TYPE: ANIMAL	CALCIUM	CREAT	U. PROTEIN	PHOS	SODIUM	POTASSIUM	CHLORIDE	NA/K RATIO!	CREAT. Clearance *	TOTAL VOLUME mL/ 16 hrs
UNITS:	mg/dL	mg/dL	mg/dL	mg/dL	mmol/L	mmol/L	mmol/L			
F3 001	5.5	85.4	23.	212.2	45.	171.0	44.	0.26	0.58	4.5
F3 002	9.3	267.6#	111.#	481.0#	86.	300.5#	71.	0.29	0.34	1.0
F3 005	7.4	96.9	28.	290.1	78.	212.5	78.	0.37	0.25	2.0
F3 006	6.9	87.9	25.	201.3	54.	175.5	63.	0.31	0.46	5.0
F3 011	15.4	98.1	35.	274.1	59.	181.0	78.	0.33	0.56	4.5
F3 014	21.2#	86.3	26.	217.1	60.	152.0	61.	0.39	0.39	5.0
F3 015	12.1	92.1	29.	245.8	37.	206.0	57.	0.18	0.65	5.5
F3 016	8.2	87.9	25.	164.7	44.	148.0	58.	0.30	0.52	4.5
F3 017	11.0	128.0	45.	187.7	68.	185.5	121.#	0.37	0.58	3.5
F3 018	7.5	143.4	47.	276.8	50.	235.0	90.	0.21	0.60	3.0
N	10	10	10	10	10	10	10	10	10	10
MEAN	10.4	117.4	39.	255.1	58.	196.7	72.	0.30	0.49	3.8
STD DEV	4.77	56.29	26.5	89.48	15.5	45.25	21.6	0.069	0.130	1.45

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! Sodium/potassium ratio is determined by sodium divided by potassium

* Units for creatinine clearance are mL/min/100 gm body weight
  Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms

= 2 standard deviations from group mean

RESULTS OF HITACHI URINE CHEMISTRY

STUDY NO. 99091 PERIOD 1 FROM DATE 16-JUL-2000 TO 31-JUL-2000

TEST TYPE:	CAL-CIUM	CREAT	U. PRO-TEIN	PHOS	SOD-IUM	POTAS-SIUM	CHLOR-IDE	NA/K RATIO!	CREAT. Clear-ance *	TOTAL VOLUME mL/ 16 hrs
UNITS:	mg/dL	mg/dL	mg/dL	mg/dL	mmol/L	mmol/L	mmol/L			
ANIMAL										
F4 001	12.2	119.8	43.	290.7#	83.	246.5#	118.	0.34	0.36	3.5
F4 002	28.5	108.4	33.	189.2	75.	168.0	80.	0.45	0.69	4.5
F4 005	8.3	140.2	40.	174.9	72.	200.5	74.	0.36	0.52	4.0
F4 006	10.1	104.4	28.	138.5	40.	145.5	75.	0.27	0.46	4.5
F4 011	8.7	105.4	36.	167.3	37.	143.5	88.	0.26	0.35	3.5
F4 014	9.0	88.3	29.	175.6	33.	160.0	57.	0.21	0.37	4.0
F4 015	4.0	111.7	41.	222.6	44.	200.5	63.	0.22	0.58	4.0
F4 016	19.9	131.9	38.	119.6	24.	189.0	82.	0.13	0.18	1.0#
F4 017	12.3	112.1	33.	200.4	60.	153.5	90.	0.39	0.53	3.5
F4 018	23.4	91.2	24.	144.7	77.	129.0	113.	0.60#	0.56	5.0
N	10	10	10	10	10	10	10	10	10	10
MEAN	13.6	111.3	35.	182.4	55.	173.6	84.	0.32	0.46	3.8
STD DEV	7.74	16.18	6.2	48.69	21.3	35.44	19.5	0.136	0.147	1.09

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! Sodium/potassium ratio is determined by sodium divided by potassium
* Units for creatinine clearance are mL/min/100 gm body weight
Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms
= 2 standard deviations from group mean

RESULTS OF HITACHI URINE CHEMISTRY

STUDY NO. 99091 PERIOD 1 FROM DATE 16-JUL-2000 TO 31-JUL-2000

TEST TYPE:	CAL-CIUM	CREAT	U. PRO-TEIN	PHOS	SOD-IUM	POTAS-SIUM	CHLOR-IDE	NA/K RATIO!	CREAT. Clear-ance *	TOTAL VOLUME mL/ 16 hrs
UNITS:	mg/dL	mg/dL	mg/dL	mg/dL	mmol/L	mmol/L	mmol/L			
ANIMAL										
F5 001	7.2	145.4	38.	351.5	55.	245.0	65.	0.22	0.19	1.5
F5 002	8.7	178.8	64.	432.4	98.	317.0	96.	0.31	0.47	2.0
F5 005	9.1	119.2	34.	317.7	56.	225.0	67.	0.25	0.71	2.5
F5 006	2.6#	45.5	11.	101.2	19.	77.4	< 30.	0.25	0.80	15.0#
F5 011	6.6	94.0	23.	181.4	47.	191.5	67.	0.25	0.71	5.5
F5 014	10.1	180.0	87.#	305.3	42.	267.0	95.	0.16	0.25	1.5
F5 015	9.2	98.1	36.	244.6	35.	178.0	53.	0.20	0.52	4.0
F5 016	9.7	148.8	56.	282.1	40.	243.5	73.	0.16	0.80	2.5
F5 017	11.7	102.4	28.	260.7	95.	152.5	111.	0.62	0.47	3.5
F5 018	6.1	59.8	31.	129.6	62.	99.0	74.	0.63	0.74	6.5
N	10	10	10	10	10	10	9	10	10	10
MEAN	8.1	117.2	41.	260.6	55.	199.6	78.	0.30	0.57	4.4
STD DEV	2.57	46.06	22.2	101.43	25.1	75.10	18.6	0.175	0.223	4.07

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! Sodium/potassium ratio is determined by sodium divided by potassium

* Units for creatinine clearance are mL/min/100 gm body weight
  Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms

= 2 standard deviations from group mean

RESULTS OF HITACHI URINE CHEMISTRY PRINT DATE: 28-AUG-2001 PAGE 16

STUDY NO. 99091 PERIOD 1 FROM DATE 16-JUL-2000 TO 31-JUL-2000

TEST TYPE: UNITS:	CALCIUM mg/dL	CREAT mg/dL	U. PROTEIN mg/dL	PHOS mg/dL	SODIUM mmol/L	POTASSIUM mmol/L	CHLORIDE mmol/L	NA/K RATIO!	CREAT. Clearance *	TOTAL VOLUME mL/ 16 hrs
ANIMAL										
F6 001	5.9	68.1	24.	108.8#	42.	93.5	49.	0.45	0.44	5.0
F6 002	5.1	92.8	28.	244.2	37.	163.0	39.	0.23	0.58	5.0
F6 005	7.6	121.2	36.	235.9	65.	154.5	50.	0.42	0.74	5.0
F6 006	12.4	119.4	34.	262.2	72.	220.0	100.	0.33	0.24	2.0
F6 011	8.9	84.0	24.	195.8	39.	131.0	55.	0.30	0.42	5.0
F6 014	14.8#	247.4#	112.#	350.7	75.	318.0#	132.	0.24	0.48	1.5
F6 015	7.3	138.2	45.	255.7	52.	194.0	81.	0.27	0.17	1.0
F6 016	8.8	108.7	32.	262.9	42.	213.0	78.	0.20	0.43	3.0
F6 017	7.0	77.2	21.	203.5	74.	140.5	99.	0.53	0.58	6.5
F6 018	5.4	119.5	32.	242.6	47.	180.5	89.	0.26	0.37	1.5
N	10	10	10	10	10	10	10	10	10	10
MEAN	8.3	117.7	39.	236.2	55.	180.8	77.	0.32	0.44	3.5
STD DEV	3.11	50.77	26.6	61.39	15.4	61.74	29.1	0.109	0.168	1.96

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! Sodium/potassium ratio is determined by sodium divided by potassium

* Units for creatinine clearance are mL/min/100 gm body weight
Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms

\# = 2 standard deviations from group mean

RESULTS OF HITACHI URINE CHEMISTRY

STUDY NO. 99091 PERIOD 1 FROM DATE 16-JUL-2000 TO 31-JUL-2000

TEST TYPE: ANIMAL	CALCIUM	CREAT	U. PROTEIN	PHOS	SODIUM	POTASSIUM	CHLORIDE	NA/K RATIO!	CREAT. Clearance *	TOTAL VOLUME mL/ 16 hrs
UNITS:	mg/dL	mg/dL	mg/dL	mg/dL	mmol/L	mmol/L	mmol/L			
F7 001F								NC		
F7 002	2.8	42.9	11.	87.9	31.	78.8	31.	0.39	0.57	13.5
F7 005	7.8	129.0	49.	247.9	54.	291.5	96.	0.19	0.53	3.0
F7 006	9.9	173.8	69.	305.5	82.	214.0	125.	0.38	0.67	2.0
F7 011	9.2	170.3	55.	375.6	69.	221.0	96.	0.31	0.34	2.0
F7 014	9.5	83.4	25.	113.8	31.	147.5	62.	0.21	0.33	4.5
F7 015	4.5	63.2	16.	108.7	34.	109.5	39.	0.31	0.68	8.5
F7 016	4.9	125.1	40.	279.5	55.	205.5	79.	0.27	0.99	4.0
F7 017	3.7	56.7	15.	110.9	27.	82.0	47.	0.33	0.67	10.5
F7 018	27.2#	71.9	19.	189.5	63.	173.5	127.	0.36	0.97	6.5
N	9	9	9	9	9	9	9	9	9	9
MEAN	8.8	101.8	33.	202.1	50.	169.3	78.	0.31	0.64	6.1
STD DEV	7.39	49.22	20.7	104.24	19.7	71.41	35.7	0.073	0.234	4.03

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! Sodium/potassium ratio is determined by sodium divided by potassium

* Units for creatinine clearance are mL/min/100 gm body weight
  Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms

NC = Unable to calculate due to missing value(s).

= 2 standard deviations from group mean

RESULTS OF HITACHI URINE CHEMISTRY

STUDY NO. 99091 PERIOD 1 FROM DATE 16-JUL-2000 TO 31-JUL-2000

TEST TYPE:	CAL-CIUM	CREAT	U. PRO-TEIN	PHOS	SOD-IUM	POTAS-SIUM	CHLOR-IDE	NA/K RATIO!	CREAT. Clear-ance *	TOTAL VOLUME mL/ 16 hrs
UNITS:	mg/dL	mg/dL	mg/dL	mg/dL	mmol/L	mmol/L	mmol/L			
ANIMAL										
F8 001	10.5	157.3	58.	274.2	66.	232.0	103.	0.28	0.42	3.0
F8 002	12.0	122.3	39.	205.8	54.	211.0	82.	0.26	0.61	4.0
F8 005	8.1	97.5	28.	218.7	69.	181.0	60.	0.38	0.35	3.0
F8 006	12.2	103.4	33.	187.3	59.	182.5	91.	0.32	0.51	3.5
F8 011	8.9	95.2	27.	210.3	65.	158.5	63.	0.41	0.47	4.5
F8 014	6.6	137.4	117.#	354.8	48.	246.5	96.	0.19	0.49	3.5
F8 015	10.7	129.7	38.	305.6	85.	178.0	82.	0.48	0.71	2.5
F8 016	9.8	137.0	40.	140.7	126.#	106.0#	163.#	1.19#	0.53	3.0
F8 017	11.6	95.1	28.	262.7	60.	166.5	86.	0.36	0.57	3.0
F8 018	15.2	81.5	23.	214.7	66.	199.0	124.	0.33	0.61	6.0#
N	10	10	10	10	10	10	10	10	10	10
MEAN	10.6	115.6	43.	237.5	70.	186.1	95.	0.42	0.53	3.6
STD DEV	2.41	24.48	27.8	62.26	22.1	39.73	30.2	0.281	0.103	1.02

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! Sodium/potassium ratio is determined by sodium divided by potassium
* Units for creatinine clearance are mL/min/100 gm body weight
Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms
= 2 standard deviations from group mean

RESULTS OF HITACHI URINE CHEMISTRY

STUDY NO. 99091 PERIOD 1 FROM DATE 16-JUL-2000 TO 31-JUL-2000

TEST TYPE:	CAL-CIUM	CREAT	U. PRO-TEIN	PHOS	SOD-IUM	POTAS-SIUM	CHLOR-IDE	NA/K RATIO!	CREAT. Clear-ance *	TOTAL VOLUME mL/ 16 hrs
UNITS:	mg/dL	mg/dL	mg/dL	mg/dL	mmol/L	mmol/L	mmol/L			
ANIMAL										
F9 001	8.4	190.2#	79.#	393.3#	105.#	311.0#	148.#	0.34	0.29	1.5
F9 002	6.5	87.4	27.	162.9	45.	140.0	53.	0.32	0.61	5.5
F9 005	16.5#	107.2	32.	237.7	47.	154.5	48.	0.30	0.52	4.0
F9 006	10.1	89.2	32.	211.0	72.	139.5	78.	0.52	0.39	4.0
F9 011	8.7	96.4	25.	209.5	34.	184.0	56.	0.18	0.52	4.5
F9 014	10.1	89.3	24.	168.8	70.	137.0	69.	0.51	0.62	5.5
F9 015	5.0	67.4	24.	115.0	42.	89.5	31.	0.47	0.49	7.5
F9 016	5.9	111.0	46.	320.8	75.	165.0	55.	0.45	0.25	2.5
F9 017	6.6	95.9	29.	211.1	76.	109.5	107.	0.69	0.48	2.5
F9 018	8.6	72.9	19.	152.2	52.	141.0	86.	0.37	0.58	6.5
N	10	10	10	10	10	10	10	10	10	10
MEAN	8.6	100.7	34.	218.2	62.	157.1	73.	0.42	0.47	4.4
STD DEV	3.26	34.19	17.5	83.17	21.5	60.17	34.0	0.143	0.127	1.90

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! Sodium/potassium ratio is determined by sodium divided by potassium
* Units for creatinine clearance are mL/min/100 gm body weight
Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms
= 2 standard deviations from group mean

RESULTS OF HITACHI URINE CHEMISTRY

STUDY NO. 99091 PERIOD 1 FROM DATE 16-JUL-2000 TO 31-JUL-2000

TEST TYPE:	CAL-CIUM	CREAT	U. PRO-TEIN	PHOS	SOD-IUM	POTAS-SIUM	CHLOR-IDE	NA/K RATIO!	CREAT. Clear-ance *	TOTAL VOLUME mL/ 16 hrs
UNITS:	mg/dL	mg/dL	mg/dL	mg/dL	mmol/L	mmol/L	mmol/L			
ANIMAL										
F10 001	8.1	212.8	69.	422.8	75.	483.0#	199.#	0.16	0.39	2.0
F10 002	6.6	79.0	23.	134.3	40.	136.0	63.	0.29	0.35	4.5
F10 005	19.7	166.7	55.	377.2	46.	219.5	56.	0.21	0.69	2.0
F10 006	6.2	106.3	29.	262.3	54.	171.0	61.	0.32	0.54	4.0
F10 011	9.6	120.3	37.	235.3	83.	169.0	80.	0.49	0.44	3.5
F10 014	9.6	226.5	102.#	473.1	54.	309.0	108.	0.17	0.30	1.0
F10 015	8.9	149.8	43.	393.4	62.	229.5	60.	0.27	0.27	2.0
F10 016	8.5	117.2	30.	207.3	49.	189.0	61.	0.26	0.64	4.5
F10 017	25.0	52.7	18.	134.8	65.	103.0	100.	0.63#	1.80#	9.0#
F10 018	21.7	78.0	38.	161.6	65.	189.5	134.	0.34	0.67	6.5
N	10	10	10	10	10	10	10	10	10	10
MEAN	12.4	130.9	44.	280.2	59.	219.9	92.	0.31	0.61	3.9
STD DEV	6.93	57.73	25.2	126.45	13.3	107.92	45.7	0.147	0.445	2.42

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! Sodium/potassium ratio is determined by sodium divided by potassium
* Units for creatinine clearance are mL/min/100 gm body weight
Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms
= 2 standard deviations from group mean

STUDY NO. 99091 PERIOD 1 FROM DATE 16-JUL-2000 TO 31-JUL-2000

FREE TEXT FOOTNOTE TRANSLATIONS:

F Water contamination. No data reported.
G Fecal contamination. No data reported.

RESULTS OF HITACHI URINE CHEMISTRY

PRINT DATE: 28-AUG-2001 PAGE 1

STUDY NO. 99091 PERIOD 2 FROM DATE 12-SEP-2000 TO 27-SEP-2000

TEST TYPE: UNITS:	CALCIUM mg/dL	CREAT mg/dL	U. PROTEIN mg/dL	PHOS mg/dL	SODIUM mmol/L	POTASSIUM mmol/L	CHLORIDE mmol/L	NA/K RATIO!	CREAT. Clearance *	TOTAL VOLUME mL/ 22 hrs
ANIMAL										
M1 001	6.2	100.1	194.	164.4	80.	181.0	86.	0.44	0.14	7.0
M1 002	10.4	156.4	113.	172.7	66.	284.5	120.	0.23	0.25	5.5
M1 005	6.5	129.5	105.	169.4	81.	223.5	84.	0.36	0.20	6.0
M1 006	6.9	157.3	121.	150.0	75.	219.5	83.	0.34	0.13	4.0
M1 011	2.8	150.6	168.	121.7	15.	152.0	38.	0.10	0.31	7.5
M1 014	11.3	156.1	144.	199.3	32.	183.0	48.	0.17	0.28	6.0
M1 015	3.3	137.6	151.	134.6	36.	151.0	38.	0.24	0.28	7.5
M1 016	2.9	132.2	159.	170.7	25.	178.5	53.	0.14	0.32	7.5
M1 017	11.2	271.5#	188.	234.1	35.	279.0	77.	0.13	0.19	3.0
M1 018F								NC		
N	9	9	9	9	9	9	9	9	9	9
MEAN	6.8	154.6	149.	168.5	49.	205.8	70.	0.24	0.23	6.0
STD DEV	3.47	47.55	31.7	33.49	25.8	49.79	27.4	0.119	0.071	1.62

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! Sodium/potassium ratio is determined by sodium divided by potassium

* Units for creatinine clearance are mL/min/100 gm body weight
  Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms

NC = Unable to calculate due to missing value(s).

= 2 standard deviations from group mean

RESULTS OF HITACHI URINE CHEMISTRY

PRINT DATE: 28-AUG-2001 PAGE 2

STUDY NO. 99091 PERIOD 2 FROM DATE 12-SEP-2000 TO 27-SEP-2000

TEST TYPE:	CAL-CIUM	CREAT	U. PRO-TEIN	PHOS	SOD-IUM	POTAS-SIUM	CHLOR-IDE	NA/K RATIO!	CREAT. Clear-ance *	TOTAL VOLUME mL/ 22 hrs
UNITS:	mg/dL	mg/dL	mg/dL	mg/dL	mmol/L	mmol/L	mmol/L			
ANIMAL										
M2 001	10.0	148.5	129.	148.4	40.	218.0	77.	0.18	0.22	5.0
M2 002	3.7	147.5	86.	130.9	31.	168.5	38.	0.18	0.27	6.0
M2 005	5.3	166.0	140.	173.3	63.	243.0	90.	0.26	0.25	7.0
M2 006	10.0	181.7	140.	150.9	58.	288.5	114.	0.20	0.17#	4.5
M2 011	6.9	207.5	176.	238.4#	26.	256.5	67.	0.10	0.26	4.0
M2 014	13.2	157.7	116.	188.6	60.	214.0	63.	0.28	0.22	5.5
M2 015	5.7	103.9	111.	191.3	34.	165.0	51.	0.21	0.25	12.5#
M2 016	6.6	205.1	155.	199.0	41.	228.0	66.	0.18	0.22	4.5
M2 017	14.2	154.5	140.	161.7	50.	247.0	92.	0.20	0.25	7.0
M2 018	7.3	152.2	135.	165.2	29.	210.5	35.	0.14	0.25	6.0
N	10	10	10	10	10	10	10	10	10	10
MEAN	8.3	162.5	133.	174.8	43.	223.9	69.	0.19	0.23	6.2
STD DEV	3.45	30.31	24.7	30.83	13.7	38.01	24.8	0.052	0.029	2.44

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! Sodium/potassium ratio is determined by sodium divided by potassium

* Units for creatinine clearance are mL/min/100 gm body weight
  Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms

= 2 standard deviations from group mean

RESULTS OF HITACHI URINE CHEMISTRY PRINT DATE: 28-AUG-2001 PAGE 3

STUDY NO. 99091 PERIOD 2 FROM DATE 12-SEP-2000 TO 27-SEP-2000

TEST TYPE: UNITS:	CAL-CIUM mg/dL	CREAT mg/dL	U. PRO-TEIN mg/dL	PHOS mg/dL	SOD-IUM mmol/L	POTAS-SIUM mmol/L	CHLOR-IDE mmol/L	NA/K RATIO!	CREAT. Clear-ance *	TOTAL VOLUME mL/ 22 hrs
ANIMAL										
M3 001	5.6	219.9	159.	255.2	20.	275.0	60.	0.07	0.19	3.5
M3 002	5.9	172.9	132.	170.1	39.	225.5	76.	0.17	0.20	6.0
M3 005	6.5	189.8	155.	181.9	19.	233.5	73.	0.08	0.22	4.5
M3 006	5.1	269.1	189.	307.6	22.	306.0	86.	0.07	0.27	3.5
M3 011	2.3	121.0	82.	124.4	34.	165.5	51.	0.21	0.26	7.5
M3 014	3.9	173.5	300.#	241.0	66.	228.5	80.	0.29	0.25	5.5
M3 015	4.6	192.0	172.	147.6	83.	235.5	99.	0.35	0.25	6.0
M3 016	6.5	147.5	122.	155.9	28.	171.0	58.	0.16	0.29	8.0
M3 017	12.3#	162.3	155.	181.2	70.	238.0	82.	0.29	0.34	7.5
M3 018	3.2	105.5	72.	107.0	22.	106.0	< 30.	0.21	0.34	13.0#
N	10	10	10	10	10	10	9	10	10	10
MEAN	5.6	175.4	154.	187.2	40.	218.4	74.	0.19	0.26	6.5
STD DEV	2.74	47.20	63.5	62.62	23.8	57.36	15.2	0.099	0.051	2.79

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! Sodium/potassium ratio is determined by sodium divided by potassium
* Units for creatinine clearance are mL/min/100 gm body weight
Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms
= 2 standard deviations from group mean

RESULTS OF HITACHI URINE CHEMISTRY PRINT DATE: 28-AUG-2001 PAGE 4

STUDY NO. 99091 PERIOD 2 FROM DATE 12-SEP-2000 TO 27-SEP-2000

TEST TYPE: UNITS:	CALCIUM mg/dL	CREAT mg/dL	U. PROTEIN mg/dL	PHOS mg/dL	SODIUM mmol/L	POTASSIUM mmol/L	CHLORIDE mmol/L	NA/K RATIO!	CREAT. Clearance *	TOTAL VOLUME mL/ 22 hrs
ANIMAL										
M4 001G								NC		
M4 002	8.1	60.4	22.	33.5	18.	94.5	31.	0.19	0.34	24.0#
M4 005	5.0	158.3	150.	108.8	37.	208.5	72.	0.18	0.28	7.5
M4 006	6.7	125.6	123.	57.5	35.	135.0	62.	0.26	0.25	8.5
M4 011	5.1	355.1#	560.#	236.5#	26.	321.5#	76.	0.08	0.27	3.0
M4 014	3.7	99.6	106.	62.6	46.	109.0	67.	0.42#	0.19	6.0
M4 015	7.1	167.2	148.	58.2	45.	196.5	74.	0.23	0.23	6.5
M4 016	4.2	162.7	109.	87.6	16.	145.5	43.	0.11	0.25	6.0
M4 017	8.2	151.9	143.	66.0	34.	159.0	48.	0.21	0.34	8.5
M4 018	6.0	149.8	103.	87.5	13.	131.0	36.	0.10	0.27	6.5
N	9	9	9	9	9	9	9	9	9	9
MEAN	6.0	159.0	163.	88.7	30.	166.7	57.	0.20	0.27	8.5
STD DEV	1.63	81.42	154.0	59.58	12.3	68.86	17.3	0.104	0.048	6.04

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! Sodium/potassium ratio is determined by sodium divided by potassium

* Units for creatinine clearance are mL/min/100 gm body weight
  Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms

NC = Unable to calculate due to missing value(s).

= 2 standard deviations from group mean

RESULTS OF HITACHI URINE CHEMISTRY PRINT DATE: 28-AUG-2001 PAGE 5

STUDY NO. 99091 PERIOD 2 FROM DATE 12-SEP-2000 TO 27-SEP-2000

TEST TYPE: UNITS:	CALCIUM mg/dL	CREAT mg/dL	U. PROTEIN mg/dL	PHOS mg/dL	SODIUM mmol/L	POTASSIUM mmol/L	CHLORIDE mmol/L	NA/K RATIO!	CREAT. Clearance *	TOTAL VOLUME mL/ 22 hrs
ANIMAL										
M5 001	7.2	195.0	193.	228.1	17.	273.5	70.	0.06	0.26	4.5
M5 002	6.3	190.4	200.	156.8	47.	244.5	108.	0.19	0.17	4.0
M5 005	6.0	230.3	191.	259.7	25.	317.0	89.	0.08	0.10#	2.0
M5 006	2.9	103.3	82.	89.9	39.	147.5	53.	0.26	0.25	9.5
M5 011	7.3	269.3	148.	227.4	58.	299.5	92.	0.19	0.31	4.0
M5 014	4.3	160.9	432.#	172.2	71.	219.5	98.	0.32	0.29	7.0
M5 015	7.0	220.4	147.	257.0	61.	304.0	105.	0.20	0.26	4.0
M5 016	6.4	168.2	174.	154.8	33.	177.5	65.	0.19	0.27	7.0
M5 017	16.9#	203.9	177.	216.5	39.	220.0	66.	0.18	0.35	6.0
M5 018	14.8	275.3	195.	257.7	38.	308.0	101.	0.12	0.30	3.5
N	10	10	10	10	10	10	10	10	10	10
MEAN	7.9	201.7	194.	202.0	43.	251.1	85.	0.18	0.26	5.2
STD DEV	4.43	51.43	90.8	56.49	16.7	59.05	19.5	0.079	0.072	2.20

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! Sodium/potassium ratio is determined by sodium divided by potassium

* Units for creatinine clearance are mL/min/100 gm body weight
  Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms

= 2 standard deviations from group mean

RESULTS OF HITACHI URINE CHEMISTRY PRINT DATE: 28-AUG-2001 PAGE 6

STUDY NO. 99091 PERIOD 2 FROM DATE 12-SEP-2000 TO 27-SEP-2000

TEST TYPE:	CAL-CIUM	CREAT	U. PRO-TEIN	PHOS	SOD-IUM	POTAS-SIUM	CHLOR-IDE	NA/K RATIO!	CREAT. Clear-ance *	TOTAL VOLUME mL/ 22 hrs
UNITS:	mg/dL	mg/dL	mg/dL	mg/dL	mmol/L	mmol/L	mmol/L			
ANIMAL										
M6 001	4.7	96.3	107.	104.2	34.	123.0	53.	0.28	0.30	13.0#
M6 002	8.0	166.3	190.#	99.1	117.#	240.0	149.#	0.49#	0.21	4.5
M6 005	7.4	214.9	138.	208.9	29.	253.0	69.	0.11	0.21	3.5
M6 006	2.9	131.7	109.	123.4	30.	175.0	54.	0.17	0.24	8.0
M6 011	3.8	124.7	90.	96.8	26.	170.5	54.	0.15	0.21	8.0
M6 014	4.9	147.1	127.	174.1	42.	172.0	63.	0.24	0.28	7.0
M6 015	7.9	182.7	118.	170.6	29.	207.0	56.	0.14	0.27	6.0
M6 016	4.2	227.4	122.	198.8	49.	230.5	67.	0.21	0.24	5.0
M6 017	22.9#	189.6	149.	142.4	39.	211.5	65.	0.18	0.24	5.5
M6 018	3.7	156.2	149.	187.7	25.	196.5	44.	0.13	0.31	7.0
N	10	10	10	10	10	10	10	10	10	10
MEAN	7.0	163.7	130.	150.6	42.	197.9	67.	0.21	0.25	6.8
STD DEV	5.87	41.01	28.2	42.89	27.4	39.01	29.7	0.110	0.037	2.65

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! Sodium/potassium ratio is determined by sodium divided by potassium

* Units for creatinine clearance are mL/min/100 gm body weight
  Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms

= 2 standard deviations from group mean

RESULTS OF HITACHI URINE CHEMISTRY PRINT DATE: 28-AUG-2001 PAGE 7

STUDY NO. 99091 PERIOD 2 FROM DATE 12-SEP-2000 TO 27-SEP-2000

TEST TYPE:	CAL-CIUM	CREAT	U. PRO-TEIN	PHOS	SOD-IUM	POTAS-SIUM	CHLOR-IDE	NA/K RATIO!	CREAT. Clear-ance *	TOTAL VOLUME mL/ 22 hrs
UNITS:	mg/dL	mg/dL	mg/dL	mg/dL	mmol/L	mmol/L	mmol/L			
ANIMAL										
M7 001	7.8	152.7	135.	178.8	50.	223.5	82.	0.22	0.22	7.5
M7 002	3.5	135.4	93.	140.6	24.	186.0	46.	0.13	0.25	7.0
M7 005	3.0	196.6	485.#	258.0	34.	262.5	60.	0.13	0.21	4.0#
M7 006H								NC		
M7 011	3.5	162.4	133.	120.6	42.	220.0	74.	0.19	0.24	6.5
M7 014	4.0	172.8	163.	150.8	46.	246.5	81.	0.19	0.26	5.5
M7 015	4.5	184.9	126.	155.5	101.#	253.5	152.#	0.40#	0.34	7.0
M7 016	6.8	174.2	163.	194.5	37.	230.5	87.	0.16	0.27	7.0
M7 017	8.1	169.2	99.	203.5	59.	259.0	76.	0.23	0.33	8.5
M7 018	10.9	164.4	343.	247.5	53.	275.5	77.	0.19	0.25	8.0
N	9	9	9	9	9	9	9	9	9	9
MEAN	5.8	168.1	193.	183.3	50.	239.7	82.	0.20	0.26	6.8
STD DEV	2.73	17.70	132.2	47.22	22.0	27.45	29.2	0.081	0.045	1.35

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! Sodium/potassium ratio is determined by sodium divided by potassium
* Units for creatinine clearance are mL/min/100 gm body weight
Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms
NC = Unable to calculate due to missing value(s).
# = 2 standard deviations from group mean

STUDY NO. 99091 PERIOD 2 FROM DATE 12-SEP-2000 TO 27-SEP-2000

TEST TYPE: / UNITS:	CAL-CIUM mg/dL	CREAT mg/dL	U. PRO-TEIN mg/dL	PHOS mg/dL	SOD-IUM mmol/L	POTAS-SIUM mmol/L	CHLOR-IDE mmol/L	NA/K RATIO!	CREAT. Clear-ance *	TOTAL VOLUME mL/ 22 hrs
ANIMAL										
M8 001	4.1	125.5	103.	67.9	51.	180.5	77.	0.28	0.28	8.0
M8 002	6.3	207.6	166.	210.5	63.	281.5	90.	0.22	0.30	5.0
M8 005	5.2	172.6	157.	150.4	60.	187.5	85.	0.32	0.25	7.0
M8 006	4.6	107.6	141.	111.8	50.	162.5	60.	0.31	0.17	7.5
M8 011	4.0	170.2	321.#	228.1	32.	198.5	51.	0.16	0.23	5.5
M8 014	2.9	90.0	86.	128.8	58.	123.0	52.	0.47#	0.25	11.5#
M8 015	8.0	161.2	103.	235.5	44.	235.0	64.	0.19	0.29	8.0
M8 016	7.4	248.8	143.	200.2	34.	236.0	84.	0.14	0.36	4.5
M8 017	8.6	183.5	176.	233.6	65.	303.5	127.#	0.21	0.28	6.0
M8 018	8.3	187.4	99.	143.3	45.	228.0	51.	0.20	0.23	5.0
N	10	10	10	10	10	10	10	10	10	10
MEAN	5.9	165.4	150.	171.0	50.	213.6	74.	0.25	0.26	6.8
STD DEV	2.05	47.44	67.9	58.56	11.5	54.45	23.9	0.098	0.051	2.10

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! Sodium/potassium ratio is determined by sodium divided by potassium

* Units for creatinine clearance are mL/min/100 gm body weight
  Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms

= 2 standard deviations from group mean

RESULTS OF HITACHI URINE CHEMISTRY PRINT DATE: 28-AUG-2001 PAGE 9

STUDY NO. 99091 PERIOD 2 FROM DATE 12-SEP-2000 TO 27-SEP-2000

TEST TYPE: UNITS:	CAL-CIUM mg/dL	CREAT mg/dL	U. PRO-TEIN mg/dL	PHOS mg/dL	SOD-IUM mmol/L	POTAS-SIUM mmol/L	CHLOR-IDE mmol/L	NA/K RATIO!	CREAT. Clear-ance *	TOTAL VOLUME mL/ 22 hrs
ANIMAL										
M9 001	5.2	182.9	82.	160.9	64.	250.5	102.	0.26	0.27	5.5
M9 002	9.0	210.0	194.	261.5	71.	286.0	105.	0.25	0.18	3.0
M9 005	3.3	180.5	110.	210.7	43.	181.0	61.	0.24	0.22	5.5
M9 006	7.7	223.4	134.	249.1	33.	251.0	74.	0.13	0.24	5.0
M9 011	3.8	218.0	191.	219.7	61.	276.5	100.	0.22	0.30	6.5
M9 014	3.5	162.5	83.	193.1	36.	169.0	54.	0.21	0.20	5.0
M9 015	8.7	120.3	123.	128.8	43.	173.0	76.	0.25	0.33	9.5#
M9 016	18.1#	223.7	125.	174.4	42.	311.0	101.	0.14	0.25	5.0
M9 017	4.5	162.1	110.	149.8	68.	194.5	57.	0.35#	0.31	7.0
M9 018	7.6	149.8	108.	150.2	46.	236.5	85.	0.19	0.25	7.0
N	10	10	10	10	10	10	10	10	10	10
MEAN	7.1	183.3	126.	189.8	51.	232.9	82.	0.22	0.25	5.9
STD DEV	4.43	35.18	38.8	44.67	13.9	50.89	19.9	0.063	0.049	1.73

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! Sodium/potassium ratio is determined by sodium divided by potassium

* Units for creatinine clearance are mL/min/100 gm body weight
  Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms

= 2 standard deviations from group mean

RESULTS OF HITACHI URINE CHEMISTRY

PRINT DATE: 28-AUG-2001 PAGE 10

STUDY NO. 99091 PERIOD 2 FROM DATE 12-SEP-2000 TO 27-SEP-2000

TEST TYPE: ANIMAL	CALCIUM	CREAT	U. PROTEIN	PHOS	SODIUM	POTASSIUM	CHLORIDE	NA/K RATIO!	CREAT. Clearance *	TOTAL VOLUME
UNITS:	mg/dL	mg/dL	mg/dL	mg/dL	mmol/L	mmol/L	mmol/L			mL/ 22 hrs
M10 001	7.8	164.0	156.	229.5	80.	329.0	134.	0.24	0.19	5.5
M10 002	8.8	248.3	196.	249.2	133.#	253.5	128.	0.52#	0.17	2.0
M10 005	5.3	215.3	149.	243.6	50.	294.5	115.	0.17	0.36	6.5
M10 006	2.5	164.3	162.	190.0	47.	184.5	57.	0.25	0.22	6.5
M10 011	12.4	163.2	100.	148.6	38.	200.5	84.	0.19	0.26	6.0
M10 014	5.8	159.3	200.	181.1	41.	208.0	64.	0.20	0.24	5.5
M10 015	4.7	208.1	142.	131.2	65.	204.5	73.	0.32	0.27	6.0
M10 016F								NC		
M10 017	6.6	119.1	252.	84.8	61.	168.0	70.	0.36	0.33	12.5#
M10 018	7.8	235.6	600.#	141.1	41.	346.5	115.	0.12	0.22	3.0
N	9	9	9	9	9	9	9	9	9	9
MEAN	6.9	186.4	217.	177.7	62.	243.2	93.	0.26	0.25	5.9
STD DEV	2.82	42.35	149.7	56.21	30.0	65.60	29.6	0.123	0.062	2.92

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! Sodium/potassium ratio is determined by sodium divided by potassium

* Units for creatinine clearance are mL/min/100 gm body weight

Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms

NC = Unable to calculate due to missing value(s).

= 2 standard deviations from group mean

RESULTS OF HITACHI URINE CHEMISTRY

STUDY NO. 99091 PERIOD 2 FROM DATE 12-SEP-2000 TO 27-SEP-2000

TEST TYPE:	CAL-CIUM	CREAT	U. PRO-TEIN	PHOS	SOD-IUM	POTAS-SIUM	CHLOR-IDE	NA/K RATIO!	CREAT. Clear-ance *	TOTAL VOLUME mL/ 22 hrs
UNITS:	mg/dL	mg/dL	mg/dL	mg/dL	mmol/L	mmol/L	mmol/L			
ANIMAL										
F1 001	10.8	123.8	41.	273.0	35.	162.5	< 30.	0.22	0.28	4.5
F1 002H								NC		
F1 005	13.3	183.5	58.	328.4	73.	338.0	149.	0.22	0.17	2.0
F1 006H								NC		
F1 011	12.9	173.7	50.	325.5	58.	259.0	68.	0.22	0.23	3.0
F1 014	40.7#	161.1	46.	348.0	79.	236.0	91.	0.33	0.13	2.0
F1 015	15.2	127.8	40.	295.1	56.	251.5	78.	0.22	0.24	4.0
F1 016	23.6	121.2	53.	249.7	75.	236.5	66.	0.32	0.19	3.5
F1 017	25.9	210.9	72.	257.0	49.	199.5	107.	0.25	0.22	3.0
F1 018	15.5	157.8	184.#	371.4	44.	297.0	56.	0.15	0.12	1.5
N	8	8	8	8	8	8	7	8	8	8
MEAN	19.7	157.5	68.	306.0	59.	247.5	88.	0.24	0.20	2.9
STD DEV	9.99	31.93	48.0	44.24	15.9	54.21	31.9	0.060	0.054	1.05

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! Sodium/potassium ratio is determined by sodium divided by potassium

* Units for creatinine clearance are mL/min/100 gm body weight
  Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms

NC = Unable to calculate due to missing value(s).

= 2 standard deviations from group mean

RESULTS OF HITACHI URINE CHEMISTRY

STUDY NO. 99091 PERIOD 2 FROM DATE 12-SEP-2000 TO 27-SEP-2000

TEST TYPE: ANIMAL	CALCIUM	CREAT	U. PROTEIN	PHOS	SODIUM	POTASSIUM	CHLORIDE	NA/K RATIO!	CREAT. Clearance *	TOTAL VOLUME mL/ 22 hrs
UNITS:	mg/dL	mg/dL	mg/dL	mg/dL	mmol/L	mmol/L	mmol/L			
F2 001	12.4	158.1	44.	364.7	32.	300.5	59.	0.11	NCS	2.5
F2 002	17.5	230.5#	67.#	325.4	91.	297.5	126.#	0.31	0.19	2.0
F2 005	11.2	70.9	17.	73.4	37.	89.0	40.	0.42	0.20	8.0
F2 006	16.9	113.1	28.	218.4	35.	164.0	38.	0.21	0.18	4.0
F2 011	12.4	122.6	26.	175.2	72.	151.5	68.	0.48	0.19	4.5
F2 014	7.0	105.3	23.	147.2	61.	123.5	43.	0.49	0.21	5.0
F2 015	8.4	74.6	21.	158.3	55.	152.5	58.	0.36	0.21	8.0
F2 016	29.6	122.9	33.	186.1	131.#	185.5	107.	0.71	0.16	3.5
F2 017	33.0	130.7	33.	217.5	50.	220.5	71.	0.23	0.23	4.5
F2 018	7.8	121.3	25.	258.2	71.	145.5	34.	0.49	0.27#	5.5
N	10	10	10	10	10	10	10	10	9	10
MEAN	15.6	125.0	32.	212.4	64.	183.0	64.	0.38	0.20	4.8
STD DEV	9.01	45.07	14.5	86.09	30.2	70.23	30.6	0.174	0.031	2.02

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! Sodium/potassium ratio is determined by sodium divided by potassium
* Units for creatinine clearance are mL/min/100 gm body weight
Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms
NCS = Unable to calculate due to missing serum creatinine
# = 2 standard deviations from group mean

RESULTS OF HITACHI URINE CHEMISTRY PRINT DATE: 28-AUG-2001 PAGE 13

STUDY NO. 99091 PERIOD 2 FROM DATE 12-SEP-2000 TO 27-SEP-2000

TEST TYPE: / UNITS:	CAL-CIUM mg/dL	CREAT mg/dL	U. PRO-TEIN mg/dL	PHOS mg/dL	SOD-IUM mmol/L	POTAS-SIUM mmol/L	CHLOR-IDE mmol/L	NA/K RATIO!	CREAT. Clear-ance *	TOTAL VOLUME mL/ 22 hrs
ANIMAL										
F3 001	13.3	179.0	49.	307.7	39.	314.0	64.	0.12	0.16	2.0
F3 002	15.9	164.4	60.	272.2	67.	305.0	89.	0.22	0.15	2.0
F3 005	24.0	90.5	35.	264.0	50.	181.5	73.	0.28	0.07	2.0
F3 006	9.1	189.1	54.	290.4	45.	257.0	91.	0.18	0.16	2.0
F3 011	54.8#	118.7	38.	347.6	88.	229.0	121.	0.38	0.14	3.0
F3 014H								NC		
F3 015	38.0	128.3	44.	318.9	64.	276.0	123.	0.23	0.17	3.5
F3 016	22.5	116.8	32.	236.2	63.	185.0	68.	0.34	0.29	5.5
F3 017	19.5	163.7	44.	259.2	78.	235.5	75.	0.33	0.24	3.5
F3 018	20.1	104.6	28.	166.6#	72.	156.0	56.	0.46	0.30	6.0
N	9	9	9	9	9	9	9	9	9	9
MEAN	24.1	139.5	43.	273.6	63.	237.7	84.	0.28	0.19	3.3
STD DEV	14.07	35.21	10.5	52.59	15.9	55.77	24.0	0.107	0.073	1.54

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! Sodium/potassium ratio is determined by sodium divided by potassium
* Units for creatinine clearance are mL/min/100 gm body weight
Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms
NC = Unable to calculate due to missing value(s).
# = 2 standard deviations from group mean

RESULTS OF HITACHI URINE CHEMISTRY

STUDY NO. 99091 PERIOD 2 FROM DATE 12-SEP-2000 TO 27-SEP-2000

TEST TYPE: UNITS:	CAL-CIUM mg/dL	CREAT mg/dL	U. PRO-TEIN mg/dL	PHOS mg/dL	SOD-IUM mmol/L	POTAS-SIUM mmol/L	CHLOR-IDE mmol/L	NA/K RATIO!	CREAT. Clear-ance *	TOTAL VOLUME mL/ 22 hrs
ANIMAL										
F4 001	36.7	166.1	51.	210.8	54.	195.5	70.	0.28	0.26	3.5
F4 002	54.5	162.6	45.	198.9	54.	248.0	86.	0.22	0.22	3.0
F4 005	15.4	76.3	14.	101.0	54.	94.0	53.	0.57#	0.32	11.0#
F4 006H								NC		
F4 011	27.6	118.1	34.	95.9	29.	152.0	47.	0.19	0.18	4.5
F4 014	16.4	64.6	35.	139.5	30.	119.5	32.	0.25	0.12	4.5
F4 015	6.0	189.6	70.	202.7	66.	349.5	112.	0.19	0.09	1.5
F4 016A										
F4 017	44.7	230.3	64.	194.8	33.	322.0	72.	0.10	NCS	1.0
F4 018	46.3	166.3	39.	189.4	51.	207.0	47.	0.25	0.20	2.5
N	8	8	8	8	8	8	8	8	7	8
MEAN	31.0	146.7	44.	166.6	46.	210.9	65.	0.26	0.20	3.9
STD DEV	17.32	56.51	17.9	47.29	13.8	91.55	25.6	0.139	0.079	3.12

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! Sodium/potassium ratio is determined by sodium divided by potassium
* Units for creatinine clearance are mL/min/100 gm body weight
Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms
NCS = Unable to calculate due to missing serum creatinine
NC = Unable to calculate due to missing value(s).
# = 2 standard deviations from group mean

RESULTS OF HITACHI URINE CHEMISTRY PRINT DATE: 28-AUG-2001 PAGE 15

STUDY NO. 99091 PERIOD 2 FROM DATE 12-SEP-2000 TO 27-SEP-2000

TEST TYPE:	CAL-CIUM	CREAT	U. PRO-TEIN	PHOS	SOD-IUM	POTAS-SIUM	CHLOR-IDE	NA/K RATIO!	CREAT. Clear-ance *	TOTAL VOLUME mL/ 22 hrs
UNITS:	mg/dL	mg/dL	mg/dL	mg/dL	mmol/L	mmol/L	mmol/L			
ANIMAL										
F5 001	20.2	204.5	57.	312.3	48.	265.0	81.	0.18	0.10	1.0
F5 002A										
F5 005	17.7	109.4	28.	222.9	80.	168.0	75.	0.48#	0.20	3.0
F5 006	8.9	148.9	32.	231.3	38.	247.0	66.	0.15	0.23	5.0
F5 011H								NC		
F5 014H								NC		
F5 015	12.1	152.7	47.	308.6	47.	327.0	65.	0.14	0.13	2.0
F5 016	14.8	180.1	71.	385.8	73.	293.5	119.	0.25	0.19	2.5
F5 017	39.3#	154.4	39.	268.2	39.	187.5	38.	0.21	0.23	3.5
F5 018	17.9	122.8	160.#	185.7	53.	182.0	47.	0.29	0.13	2.5
N	7	7	7	7	7	7	7	7	7	7
MEAN	18.7	153.3	62.	273.5	54.	238.6	70.	0.24	0.17	2.8
STD DEV	9.86	32.19	45.7	67.61	16.4	61.09	26.3	0.115	0.053	1.25

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! Sodium/potassium ratio is determined by sodium divided by potassium

* Units for creatinine clearance are mL/min/100 gm body weight
  Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms

NC = Unable to calculate due to missing value(s).

= 2 standard deviations from group mean

RESULTS OF HITACHI URINE CHEMISTRY

STUDY NO. 99091 PERIOD 2 FROM DATE 12-SEP-2000 TO 27-SEP-2000

TEST TYPE: / UNITS:	CAL-CIUM mg/dL	CREAT mg/dL	U. PRO-TEIN mg/dL	PHOS mg/dL	SOD-IUM mmol/L	POTAS-SIUM mmol/L	CHLOR-IDE mmol/L	NA/K RATIO!	CREAT. Clear-ance *	TOTAL VOLUME mL/ 22 hrs
ANIMAL										
F6 001	17.4	129.8	33.	343.3	74.	209.5	81.	0.35	0.21	4.0
F6 002	15.4	164.0	59.	303.9	41.	262.5	69.	0.16	0.16	3.0
F6 005	12.1	114.6	24.	181.8	78.	132.5	55.	0.59	0.18	5.0
F6 006A										
F6 011	11.8	121.5	32.	291.8	35.	214.5	43.	0.16	0.12	2.5
F6 014	19.3	149.7	51.	344.0	52.	187.0	59.	0.28	0.26	4.5
F6 015	15.8	104.0	27.	160.9	47.	151.5	51.	0.31	0.17	5.0
F6 016	23.5	104.8	31.	234.0	46.	204.5	58.	0.22	0.23	5.5
F6 017	9.7	117.0	43.	270.9	51.	209.5	75.	0.24	0.18	4.0
F6 018	2.0	43.6#	8.	65.2	24.	50.4#	< 30.	0.48	0.22	11.0#
N	9	9	9	9	9	9	8	9	9	9
MEAN	14.1	116.6	34.	244.0	50.	180.2	61.	0.31	0.19	4.9
STD DEV	6.18	33.86	15.1	93.07	17.2	61.49	12.7	0.144	0.041	2.47

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! Sodium/potassium ratio is determined by sodium divided by potassium

* Units for creatinine clearance are mL/min/100 gm body weight
  Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms

= 2 standard deviations from group mean

RESULTS OF HITACHI URINE CHEMISTRY

PRINT DATE: 28-AUG-2001 PAGE 17

STUDY NO. 99091 PERIOD 2 FROM DATE 12-SEP-2000 TO 27-SEP-2000

TEST TYPE: UNITS:	CAL-CIUM mg/dL	CREAT mg/dL	U. PRO-TEIN mg/dL	PHOS mg/dL	SOD-IUM mmol/L	POTAS-SIUM mmol/L	CHLOR-IDE mmol/L	NA/K RATIO!	CREAT. Clear-ance *	TOTAL VOLUME mL/ 22 hrs
ANIMAL										
F7 001	11.1	103.4	34.	196.1	50.	169.0	62.	0.30	0.22	4.5
F7 002	12.7	139.1	28.	114.4	76.	253.5	103.	0.30	0.11	2.0
F7 005	16.4	140.3	61.	286.5	34.	251.0	49.	0.14	0.17	3.0
F7 006	16.7	175.3	59.	251.3	99.	212.5	100.	0.47	0.21	3.0
F7 011	15.3	150.9	40.	366.3	70.	242.0	63.	0.29	0.21	3.5
F7 014	19.9	133.0	39.	270.0	58.	169.0	65.	0.34	0.23	4.5
F7 015	20.5	185.6	56.	269.9	96.	320.0	121.	0.30	0.14	2.0
F7 016	5.3	64.5	13.	96.9	43.	135.0	52.	0.32	0.27	10.0#
F7 017H								NC		
F7 018H								NC		
N	8	8	8	8	8	8	8	8	8	8
MEAN	14.7	136.5	41.	231.4	66.	219.0	77.	0.31	0.19	4.1
STD DEV	4.97	38.61	16.7	90.73	23.8	59.81	27.0	0.090	0.051	2.58

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! Sodium/potassium ratio is determined by sodium divided by potassium

* Units for creatinine clearance are mL/min/100 gm body weight
  Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms

NC = Unable to calculate due to missing value(s).

= 2 standard deviations from group mean

RESULTS OF HITACHI URINE CHEMISTRY PRINT DATE: 28-AUG-2001 PAGE 18

STUDY NO. 99091 PERIOD 2 FROM DATE 12-SEP-2000 TO 27-SEP-2000

TEST TYPE: UNITS:	CALCIUM mg/dL	CREAT mg/dL	U. PROTEIN mg/dL	PHOS mg/dL	SODIUM mmol/L	POTASSIUM mmol/L	CHLORIDE mmol/L	NA/K RATIO!	CREAT. Clearance *	TOTAL VOLUME mL/ 22 hrs
ANIMAL										
F8 001	14.6	139.9	35.	213.5	24.	246.5	74.	0.10#	0.13	2.0
F8 002	6.3	85.8	19.	109.7	39.	100.0	38.	0.39	0.29	9.0
F8 005	10.0	70.9	16.	123.7	38.	107.5	33.	0.35	0.24	7.0
F8 006	21.5	235.1#	80.	302.3	76.	323.0	97.	0.24	0.10	1.0
F8 011	33.9	106.2	31.	237.7	59.	174.5	60.	0.34	0.24	5.0
F8 014	27.4	108.9	115.#	215.7	65.	169.5	69.	0.38	0.21	5.0
F8 015	17.5	180.0	52.	393.1	70.	273.0	74.	0.26	0.46#	5.5
F8 016A										
F8 017	13.9	127.7	33.	175.4	57.	194.0	60.	0.29	0.11	2.0
F8 018	19.0	97.2	23.	143.4	67.	177.0	89.	0.38	0.17	3.5
N	9	9	9	9	9	9	9	9	9	9
MEAN	18.2	128.0	45.	212.7	55.	196.1	66.	0.30	0.22	4.4
STD DEV	8.54	51.41	32.8	90.78	17.4	73.47	21.1	0.095	0.111	2.59

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! Sodium/potassium ratio is determined by sodium divided by potassium

* Units for creatinine clearance are mL/min/100 gm body weight
  Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms

= 2 standard deviations from group mean

RESULTS OF HITACHI URINE CHEMISTRY PRINT DATE: 28-AUG-2001 PAGE 19

STUDY NO. 99091 PERIOD 2 FROM DATE 12-SEP-2000 TO 27-SEP-2000

TEST TYPE: UNITS:	CAL-CIUM mg/dL	CREAT mg/dL	U. PRO-TEIN mg/dL	PHOS mg/dL	SOD-IUM mmol/L	POTAS-SIUM mmol/L	CHLOR-IDE mmol/L	NA/K RATIO!	CREAT. Clear-ance *	TOTAL VOLUME mL/ 22 hrs
ANIMAL										
F9 001	30.0	100.9	33.	333.2	77.	162.0	81.	0.48	0.10	2.5
F9 002	15.5	124.3	37.	146.0	68.	179.5	77.	0.38	0.25	5.0
F9 005	19.2	97.8	25.	186.5	66.	129.5	68.	0.51	0.25	6.5
F9 006	21.4	159.6	57.	460.5#	67.	339.0	101.	0.20	0.14	2.0
F9 011	12.4	131.1	31.	248.4	41.	214.0	70.	0.19	0.25	5.0
F9 014	23.6	133.3	30.	238.5	67.	210.0	56.	0.32	0.13	2.5
F9 015	7.6	119.3	33.	184.7	54.	211.0	47.	0.26	0.10	2.5
F9 016	8.6	166.4	60.	293.7	89.	289.5	123.	0.31	0.16	2.5
F9 017	9.8	95.5	23.	152.9	51.	102.5	51.	0.50	0.23	5.5
F9 018H								NC		
N	9	9	9	9	9	9	9	9	9	9
MEAN	16.5	125.4	37.	249.4	64.	204.1	75.	0.35	0.18	3.8
STD DEV	7.65	25.59	13.2	101.13	14.3	74.11	24.5	0.124	0.067	1.70

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! Sodium/potassium ratio is determined by sodium divided by potassium

* Units for creatinine clearance are mL/min/100 gm body weight
  Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms

NC = Unable to calculate due to missing value(s).

= 2 standard deviations from group mean

RESULTS OF HITACHI URINE CHEMISTRY

STUDY NO. 99091 PERIOD 2 FROM DATE 12-SEP-2000 TO 27-SEP-2000

TEST TYPE: ANIMAL	CALCIUM	CREAT	U. PROTEIN	PHOS	SODIUM	POTASSIUM	CHLORIDE	NA/K RATIO!	CREAT. Clearance *	TOTAL VOLUME
UNITS:	mg/dL	mg/dL	mg/dL	mg/dL	mmol/L	mmol/L	mmol/L			mL/ 22 hrs
F10 001	11.3	198.7	57.	261.5	72.	246.0	85.	0.29	0.12	1.5
F10 002	14.1	189.0	58.	299.8	55.	285.0	83.	0.19	0.15	2.0
F10 005	10.7	64.8	11.	109.4	21.	96.0	< 30.	0.22	0.26	7.5
F10 006	4.3	100.2	23.	142.4	44.	129.0	38.	0.34	0.28	7.5
F10 011	15.9	171.1	57.	247.1	45.	259.0	75.	0.17	0.20	3.0
F10 014	10.7	311.0	113.#	472.8#	49.	385.0	118.#	0.13	0.13	1.0
F10 015	23.8	139.7	34.	249.3	100.#	221.5	61.	0.45	0.09	2.0
F10 016	8.5	225.9	55.	290.6	61.	246.5	72.	0.25	0.17	2.0
F10 017	53.4#	205.6	67.	348.4	41.	260.0	65.	0.16	0.15	1.5
F10 018	36.6	101.2	30.	201.5	67.	170.5	77.	0.39	0.19	3.5
N	10	10	10	10	10	10	9	10	10	10
MEAN	18.9	170.7	51.	262.3	56.	229.9	75.	0.26	0.17	3.2
STD DEV	15.18	72.30	28.6	103.16	21.3	82.39	21.5	0.107	0.060	2.40

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! Sodium/potassium ratio is determined by sodium divided by potassium
* Units for creatinine clearance are mL/min/100 gm body weight
Creat. clearance = ((urine creat mg/dL x urine volume mL/min) / serum creat mg/dL) / body weight per 100 gms
= 2 standard deviations from group mean

STUDY NO. 99091 PERIOD 2 FROM DATE 12-SEP-2000 TO 27-SEP-2000

FREE TEXT FOOTNOTE TRANSLATIONS:

A. Insufficient quantity
F Too contaminated with blood to analyze. No data reported.
G Fecal contamination. No data reported.
H Water contamination. No data reported.

Animal ID Number	Crystals	Epithelial Cells	Casts	Bacteria	Red Blood Cells	White Blood Cells	Fat Droplets
M1 001	TP-5	1	0	0	0	0	0
M1 002	TP-4	2	0	1	0	0	0
M1 005	TP-5	3	0	2	1	0	0
M1 006	TP-5	1	0	0	0	0	0
M1 011	TP-5	1	0	0	1	0	1
M1 014A							
M1 015	TP-4	1	0	0	0	1	0, Y-1
M1 016	TP-5	3	FG-1	1	0	0	0, Y-1
M1 017	TP-5	3, TR-2	0	2	2	0	0
M1 018	TP-5	1	0	0	1	1	1
M2 001	TP-5	1	0	0	1	0	0
M2 002	TP-5	2, TR-1	0	0	0	0	0
M2 005	TP-5	1, TR-1	CG-1	0	0	0	0
M2 006	TP-5	1	0	1	1	0	1
M2 011	TP-5	1	0	0	0	0	0
M2 014	TP-4	2, TR-1	0	0	0	0	0
M2 015	TP-5	1	FG-1	1	0	1	0, Y-1
M2 016	TP-5	3	0	0	1	0	0
M2 017	TP-5	2, TR-1	0	1	1	0	0
M2 018	TP-5	2	0	0	1	0	1
M3 001	TP-5	1, GR-1	0	0	0	0	1
M3 002	TP-5	2	0	0	0	0	0
M3 005	TP-5	1	CG-1	1	0	0	0
M3 006	TP-5	1	CG-1	1	1	0	1
M3 011	TP-5	2	0	0	1	1	0
M3 014	TP-5	2, TR-1	0	0	0	0	0
M3 015	TP-5	1	0	0	1	0	0
M3 016	TP-4	2	0	2	3	1	0
M3 017	TP-4	1, TR-1	0	1	1	0	0
M3 018	TP-5	1	CG-1	1	0	0	0
M4 001	TP-5	1, GR-1	0	0	1	0	1
M4 002	TP-5	3	CG-1	0	1	0	0
M4 005	TP-4	1, TR-1	0	0	0	0	0
M4 006	TP-5	0	FG-1	0	1	0	1
M4 011	TP-5	1, GR-1	0	0	0	0	0
M4 014	TP-5	2	0	0	1	0	0, Y-1
M4 015	TP-5	1	0	2	0	0	0
M4 016	TP-5	3	0	1	0	0	0
M4 017	TP-5	1	0	1	0	0	0
M4 018	TP-5, AP-1	1, GR-1	FG-1	0	1	1	0

A - Water contamination. No data reported.
AP-Amorphous Phosphates
CG-Coarsely Granular
FG-Finely Granular
GR-Granular Epithelial
TP-Triple Phosphates
Y-Yeast
TR - Transitional

Animal ID Number	Crystals	Epithelial Cells	Casts	Bacteria	Red Blood Cells	White Blood Cells	Fat Droplets
M5 001	TP-5	1	0	0	1	0	0
M5 002	TP-5	2	0	1	2	0	0
M5 005	TP-5	1	0	0	1	0	0
M5 006	TP-5	1, GR-1	0	1	0	0	0
M5 011	TP-5	1	0	0	0	0	0
M5 014	TP-5	1, GR-1	0	1	1	0	0
M5 015	TP-4	4, TR-1	0	1	0	0	0, Y-1
M5 016	TP-5	4, TR-1	0	1	0	0	0
M5 017	TP-3	2, TR-3	0	2	1	1	0
M5 018A							
M6 001	TP-5	2	FG-1	1	0	0	1
M6 002	TP-4	1, TR-1	0	1	2	0	0
M6 005	TP-4	1	0	1	0	0	0
M6 006	TP-5	1, GR-1	0	0	0	0	0, Y-1
M6 011	TP-5	1	CG-1	1	1	0	0
M6 014	TP-4	2, TR-1	CG-1	1	1	0	0
M6 015	TP-4	2, TR-2	0	2	1	0	0
M6 016	TP-5	1	0	1	0	0	0
M6 017	TP-5	1	0	1	0	0	1
M6 018	TP-5	1	0	0	1	0	1
M7 001	TP-5	1, GR-1	0	1	0	1	0
M7 002B							
M7 005	TP-5	1	0	2	0	0	0
M7 006	TP-5	1, GR-1	0	0	0	1	0
M7 011	TP-4	3, TR-1	0	1	0	0	0
M7 014	TP-5	1	0	1	1	0	0
M7 015	TP-5	2	0	1	0	0	0
M7 016	TP-5	3, TR-1	0	3	1	1	0
M7 017	TP-5	1, GR-1	CG-1	2	1	0	0
M7 018	TP-4	2, GR-1	0	2	0	0	0
M8 001	TP-5	1, GR-1	0	0	0	0	0
M8 002	TP-5	2	0	0	0	0	0
M8 005	TP-5	3	0	2	0	0	0
M8 006	TP-5	1	0	0	1	0	1
M8 011	TP-4	4	0	3	1	0	0
M8 014	TP-5	1	0	0	0	0	0
M8 015	TP-5	3, TR-1	0	2	1	1	0
M8 016	TP-5	2, GR-1	0	0	0	0	0, Y-1
M8 017	TP-4	3, TR-1	0	2	0	0	0
M8 018	TP-5	1, GR-1	FG-1	1	0	0	0

A-Water contamination. No date reported.
B-Fecal contamination. No data reported.
CG-Coarsely Granular
FG-Finely Granular
GR- Granular Epithelial
TP-Triple Phosphates
Y-Yeast
TR-Transitional

Animal ID Number	Crystals	Epithelial Cells	Casts	Bacteria	Red Blood Cells	White Blood Cells	Fat Droplets
M9 001	TP-5	1, GR-1	0	0	0	0	0
M9 002	TP-4	1, TR-1	0	2	1	0	0
M9 005	TP-4	2	0	1	0	1	0
M9 006	TP-4	1, GR-1	0	0	0	0	0
M9 011	TP-5	0, GR-1	0	1	0	0	0
M9 014	TP-4	4, TR-1	0	2	1	0	0
M9 015	TP-4	1, TR-1	0	0	0	0	0
M9 016	TP-4	1, GR-1	0	1	1	0	0
M9 017	TP-5	3	0	1	1	0	0
M9 018	TP-5	1, GR-1	0	0	1	0	0
M10 001	TP-5	1	0	1	3	0	0
M10 002	TP-3	2, TR-1	0	2	0	1	0
M10 005	TP-5	1, TR-1	0	3	3	0	0, Y-3
M10 006	TP-5	1	0	2	0	1	1
M10 011	TP-5	1, GR-1	FG-1	0	0	0	1, Y-1
M10 014	TP-4	4, TR-1	0	2	0	0	0
M10 015	TP-4	1, TR-1	0	1	1	0	0
M10 016	TP-5	1, GR-1	CG-1	1	1	0	1, Y-1
M10 017	TP-4, AP-4	4	0	3	4	3	0
M10 018	TP-5	1, GR-1	CG-1	0	1	1	1

AP-Amorphous Phosphates
CG-Coarsely Granular
FG-Finely Granular
GR-Granular Epithelial
TP-Triple Phosphates
Y-Yeast
TR-Transitional

Animal ID Number	Crystals	Epithelial Cells	Casts	Bacteria	Red Blood Cells	White Blood Cells	Fat Droplets
F1 001	TP-3	2, TR-1	FG-1	2	0	1	0
F1 002	TP-4	1, GR-1	0	0	0	0	1
F1 005	TP-5	1	0	0	0	1	0
F1 006	TP-4	2	0	1	1	0	0
F1 011	TP-3	2, TR-1	CG-1	1	1	0	0
F1 014	TP-3	1	0	2	0	0	0
F1 015	TP-4	3	0	1	1	0	0
F1 016	TP-3	1	FG-1	0	0	0	0, Y-1
F1 017	TP-4	3	CG-1	1	1	1	0, Y-1
F1 018	TP-4	1	CG-1	0	1	0	0
F2 001	TP-4	1, TR-1	0	1	0	0	0
F2 002	TP-2	1	0	0	1	0	0
F2 005	TP-3	1	FG-1	0	0	1	0
F2 006	TP-4	2, TR-2	0	1	0	0	0
F2 011	TP-3	2, TR-1	0	3	0	0	0
F2 014	TP-5	1, GR-1	0	0	0	0	1, Y-1
F2 015	TP-4	3	0	0	0	0	0
F2 016	TP-5	2	0	2	0	0	0, Y-1
F2 017	TP-1	1	0	0	0	0	0
F2 018	TP-5	1	FG-1	0	0	1	0
F3 001	TP-3	2, TR-1	FG-1	0	1	0	0
F3 002	TP-5	1, GR-1	0	0	1	0	0, Y-1
F3 005	TP-3	1	0	1	1	0	0
F3 006	TP-4	2	0	1	1	0	0
F3 011	TP-3	1, GR-1	0	0	0	1	1, Y-1
F3 014	TP-4	3	0	2	1	0	0
F3 015	TP-3	2	0	1	0	0	0
F3 016	TP-4	1, GR-1	0	1	0	0	0
F3 017	TP-3	2	FG-1	1	1	0	0
F3 018	TP-4	1	0	0	0	0	0
F4 001	TP-4	1, GR-1	0	0	1	0	1
F4 002	TP-2	2, TR-1	0	0	0	0	0
F4 005	TP-4	2, GR-1	0	0	1	0	0
F4 006	TP-2	3, TR-2	CG-1	2	2	0	0, Y-1
F4 011	TP-4	2	0	0	0	1	1, Y-1
F4 014	TP-4	3, TR-1	0	0	0	0	0
F4 015	TP-5	3	0	1	1	1	0
F4 016	TP-3	1, GR-1	0	0	0	0	0
F4 017	TP-2	1, TR-1	FG-1	0	1	0	0
F4 018	TP-3	1, GR-1	0	0	0	0	0, Y-1

TR-Transitional
CG-Coarsely Granular
FG-Finely Granular
GR- Granular Epithelial
TP-Triple Phosphates
Y-Yeast

Animal ID Number	Crystals	Epithelial Cells	Casts	Bacteria	Red Blood Cells	White Blood Cells	Fat Droplets
F5 001	TP-3	2	0	1	0	0	0
F5 002	TP-4	1	0	1	0	0	0
F5 005	TP-3	3	0	1	0	0	0
F5 006	TP-2	1, GR-1	0	2	0	0	1, Y-1
F5 011	TP-5	2	FG-1	1	0	0	0, Y-1
F5 014	TP-2	1, TR-2	0	0	0	0	0
F5 015	TP-4	4, TR-1	0	3	1	0	0
F5 016	TP-4	1, GR-1	FG-1	1	0	0	0
F5 017	TP-5	2	0	0	0	0	0
F5 018	TP-5	2	0	0	0	0	0, Y-1
F6 001	TP-5	1	0	3	0	0	0, Y-1
F6 002	TP-5	2, GR-1, TR-1	CG-1	0	1	0	0, Y-1
F6 005	TP-3	4, TR-1	FG-1	2	1	0	0
F6 006	TP-4	2	0	1	1	0	0
F6 011	TP-2	2	0	3	1	1	0
F6 014	0	1	0	1	0	1	0, Y-1
F6 015	TP-2	1	FG-1	0	0	0	0
F6 016	TP-4	1, GR-1	0	1	0	1	0, Y-1
F6 017	TP-5	3	FG-1	0	0	0	0
F6 018	TP-4	1	0	0	0	1	0
F7 001A							
F7 002	TP-5	2, TR-1	0	1	0	0	0
F7 005	TP-4	2, TR-1	0	0	0	0	0
F7 006	TP-2	2, TR-1	0	1	0	0	0
F7 011	TP-4	1, GR-1, TR-1	0	0	0	1	0, Y-1
F7 014	TP-5	1, GR-1	0	0	0	0	0
F7 015	TP-3	2	0	0	1	0	0
F7 016	TP-5	2	0	0	0	1	1, Y-1
F7 017	TP-4	4	0	1	0	0	0
F7 018	TP-4	1	0	0	1	0	0
F8 001	TP-4	2	0	3	2	0	0
F8 002	TP-5	1	0	2	0	1	0
F8 005	TP-3	2	0	0	0	0	0
F8 006	TP-3	1, TR-1	0	0	0	0	0
F8 011	TP-4	3	0	0	0	0	0
F8 014	TP-5	1	CG-1	1	1	1	1, Y-1
F8 015	TP-2	3	0	2	1	0	0
F8 016	TP-5	1, GR-1	0	0	0	0	0, Y-1
F8 017	TP-3	3	FG-1	0	0	0	0
F8 018	TP-5	1	0	1	1	0	0

A-Water contamination. No data reported.
TR-Transitional
CG-Coarsely Granular
FG-Finely Granular
GR- Granular Epithelial
TP-Triple Phosphates
Y-Yeast

Animal ID Number	Crystals	Epithelial Cells	Casts	Bacteria	Red Blood Cells	White Blood Cells	Fat Droplets
F9 001	TP-3	1	0	0	1	0	0, Y-1
F9 002	TP-5	1, TR-1	CG-1	1	1	0	0
F9 005	TP-4	3	FG-1	1	1	0	0
F9 006	TP-2	3	FG-1	0	0	0	0
F9 011	TP-4	2	0	0	1	1	1
F9 014	TP-3	1	0	0	0	0	0
F9 015	TP-2	2	0	0	0	0	0
F9 016	TP-5	1, GR-1	0	0	0	0	0
F9 017	TP-3	2	0	1	1	0	0
F9 018	TP-5	3	0	2	0	1	0, Y-1
F10 001	TP-3	2	CG-2	2	0	0	0
F10 002	TP-5	1, GR-1	0	1	0	0	1
F10 005	TP-2	1	0	2	1	0	0
F10 006	TP-4	3	FG-1	2	0	0	0
F10 011	TP-4	1	0	0	0	1	0, Y-1
F10 014	TP-2	1	0	1	0	0	0, Y-1
F10 015	TP-3	2	0	0	0	1	0
F10 016	TP-3	2, GR-1	0	0	0	0	0
F10 017	TP-5	1, GR-1	0	0	0	0	0, Y-1
F10 018	TP-4	1, GR-1	0	1	1	1	1

CG-Coarsely Granular
FG-Finely Granular
GR- Granular Epithelial
TP-Triple Phosphates
Y-Yeast
TR-Transitional

Animal ID Number	Crystals	Epithelial Cells	Casts	Bacteria	Red Blood Cells	White Blood Cells	Fat Droplets
M1 001	TP-4	3	0	2	0	1	0
M1 002	TP-5	3	0	1	0	0	0
M1 005	TP-5	1	0	1	1	0	1, Y -1
M1 006	TP-5	1	0	1	1	0	0
M1 011	TP-5	4	CG-1	3	2	1	0
M1 014	TP-5	1	0	1	1	0	1
M1 015	TP-5	1, GR-1	CG-1	1	0	1	1
M1 016	TP-5	4, GR-1	CG-1	4	1	1	0
M1 017	TP-5, SG-1	1, GR-1	CG-1	0	0	1	1
M1 018A							
M2 001	TP-4	2	0	2	0	0	0
M2 002	TP-5	1, TR-1	0	4	0	0	0
M2 005	TP-5	1	0	0	0	0	0, Y -1
M2 006	TP-5	2	0	0	0	0	1, Y -1
M2 011	TP-5	3	0	2	0	0	0
M2 014	TP-4	2	0	1	0	0	1
M2 015	TP-2	1, GR-1	0	1	0	0	0
M2 016	TP-4	2	0	3	2	1	0
M2 017	TP-5	1, GR-1	0	0	0	1	1
M2 018	TP-5	1	FG-1	0	0	0	1, Y-1
M3 001	TP-5	2, GR-1	FG-1	3	1	0	0
M3 002	TP-5	1	0	1	0	1	1
M3 005	TP-4	3, GR-1	0	2	1	1	0, Y-1
M3 006	TP-4	3, TR-1	FG-1	4	1	0	0
M3 011	TP-5	2	0	1	0	0	1
M3 014	TP-5	1	CG-1	1	0	1	1, Y-1
M3 015	TP-5	2	0	1	0	0	0
M3 016	TP-4	3	0	3	1	0	0
M3 017	TP-4	1	0	0	0	0	1
M3 018	TP-4	1, GR-1	0	3	0	0	0
M4 001B							
M4 002	TP-3	2	CG-1	4	1	1	0
M4 005	TP-5	4	0	3	1	0	0
M4 006	TP-5	2	0	2	0	0	0, Y-1
M4 011	TP-5, SG-1	1	0	0	3	0	1
M4 014	TP-4	2	0	0	0	1	0
M4 015	TP-5	1	0	1	1	0	1
M4 016	TP-5	3	FG-1	4	0	0	0
M4 017	TP-5	2	FG-1	3	0	0	0
M4 018	TP-3	2	0	2	1	1	0

A - Grossly contaminated with blood. No data reported.
GR-Granular Epithelial
CG-Coarsely Granular
FG-Finely Granular
Y-Yeast

B-Fecal contamination. No data reported

SG- Small, dense golden crystals
TR - Transitional
TP-Triple Phosphates

Animal ID Number	Crystals	Epithelial Cells	Casts	Bacteria	Red Blood Cells	White Blood Cells	Fat Droplets
M5 001C	TP-5	2	0	3	1	1	0
M5 002	TP-5	1	0	0	0	0	0, Y-1
M5 005	TP-4	2	0	4	0	1	0
M5 006	TP-5	1	0	0	0	0	0
M5 011	TP-5	1	CG-1	1	0	0	1
M5 014	TP-5	1, GR-1	0	0	0	0	0, Y-1
M5 015	TP-3	4	0	3	1	0	0
M5 016C	TP-4	3	0	4	1	0	0
M5 017	TP-3	2	CG-1	3	1	1	0
M5 018	TP-3	1	FG-1	2	1	1	0
M6 001	TP-5	3	0	2	0	0	0
M6 002	TP-5	1	0	1	0	0	1
M6 005	TP-5	2	FG-1	4	0	1	0
M6 006	TP-5	1, GR-1	CG-1	0	0	0	1
M6 011	TP-5	1	0	1	0	0	1
M6 014	TP-4	4	0	3	2	0	0
M6 015	TP-4	1, GR-1	0	2	1	1	0
M6 016	TP-5	2	0	4	1	0	0
M6 017	TP-5	2, GR-2	CG-1	3	1	1	0
M6 018	TP-5	1	FG-1	1	1	0	0
M7 001	TP-5	3	0	2	1	1	0
M7 002	TP-5	2	0	2	0	0	1
M7 005	TP-4	2	FG-1	4	2	1	0, Y-1
M7 006D							
M7 011	TP-5	1	0	2	0	1	0
M7 014	TP-5	2	0	2	0	0	0
M7 015	TP-5	1, GR-2	0	2	0	0	0
M7 016	TP-5	3	0	3	1	0	0
M7 017	TP-5	1	CG-1	1	0	1	1
M7 018	TP-2	4	0	3	1	1	0
M8 001	TP-5	2	0	2	0	0	0
M8 002	TP-5	1	0	1	1	0	0
M8 005	TP-5	1	0	1	0	0	1
M8 006	TP-5	3	0	3	1	0	0
M8 011	TP-5, SG-1	1	0	2	2	0	0, Y-1
M8 014	TP-5	2	FG-1	4	1	0	0
M8 015	TP-5	1	0	1	0	0	1
M8 016	TP-5	1	0	0	1	0	0
M8 017	TP-5	1, GR-1	0	0	1	0	1, Y-1
M8 018	TP-5	2	0	3	1	0	0

C-Small, dense golden crystals noted.
TP-Triple Phosphates
CG-Coarsely Granular
FG-Finely Granular

D-Water contamination. No data reported.
SG- Small, dense golden crystals.
GR- Granular Epithelial
Y-Yeast

Animal ID Number	Crystals	Epithelial Cells	Casts	Bacteria	Red Blood Cells	White Blood Cells	Fat Droplets
M9 001	TP-5	3	0	3	1	1	0
M9 002	TP-4	1	0	1	0	0	0, Y-1
M9 005	TP-4	3	CG-1	3	1	0	0
M9 006	TP-5	1, GR-2	CG-1, FG-1	0	1	0	0
M9 011	TP-5	1	0	1	0	0	0
M9 014C	TP-5	3	0	3	1	0	0
M9 015	TP-5	1, GR-1	0	0	1	0	0
M9 016	TP-4	1	0	1	0	0	1
M9 017	TP-5	1	0	0	0	0	1
M9 018	TP-5	2	0	2	0	0	0
M10 001	TP-5	3	0	4	1	0	0
M10 002	TP-5, SG-2	1, GR-1	CG-1	0	0	0	0, Y-1
M10 005	TP-5	3	CG-1	4	1	1	0
M10 006	TP-5	1, GR-1	FG-1	1	0	0	1
M10 011	TP-5	1, GR-1	0	1	0	0	0
M10 014	TP-5	4	0	3	0	0	0
M10 015	TP-5	1	0	0	1	1	0
M10 016A							
M10 017	TP-5, AP-5	0, TR-2	0	0	1	3	0
M10 018	TP-5	0	0	3	1	1	0

A-Grossly contaminated with blood. No data reported.
AP-Amorphous Phosphates
CG-Coarsely Granular
FG-Finely Granular
GR- Granular Epithelial
C-Small, dense golden crystals noted.
SG- Small, dense golden crystals.
TP-Triple Phosphates
TR-Transitional
Y-Yeast

Animal ID Number	Crystals	Epithelial Cells	Casts	Bacteria	Red Blood Cells	White Blood Cells	Fat Droplets
F1 001	TP-4	2	0	2	0	1	1
F1 002D							
F1 005	TP-3	1	0	1	0	1	0
F1 006D							
F1 011	TP-2	3	0	2	1	0	0
F1 014	TP-4	2, TR-1	0	2	0	0	0
F1 015	TP-4	2	CG-1	3	1	0	0
F1 016	TP-4	2	0	4	1	0	0
F1 017	TP-4	1, GR-1	0	1	0	0	1
F1 018	TP-1	1, GR-1	CG-1	2	1	0	0
F2 001	TP-5	1	0	0	0	0	1
F2 002	TP-3	1	0	0	0	1	0
F2 005	TP- 2	2	0	2	1	0	0, Y-1
F2 006	TP-2	2	CG-1	1	0	0	0
F2 011	TP-3	2	0	2	0	1	1
F2 014	TP-5	1	0	1	0	0	0
F2 015	TP-4	2	0	3	1	0	0, Y-1
F2 016	TP-5	1	0	1	0	0	0
F2 017	TP-1	1	0	0	1	1	1
F2 018	TP-2	2	0	2	1	0	0
F3 001	TP-4	1	0	0	0	1	1
F3 002	TP-4	1	0	1	0	0	0
F3 005	TP-2	2	0	2	1	0	0
F3 006	TP-3	2	0	2	2	0	0
F3 011	TP-2	1	0	2	1	0	0
F3 014D							
F3 015	TP-2	1, GR-1	0	3	1	0	0
F3 016	TP-2	2, GR-1	0	0	1	0	1
F3 017	TP-4	1	0	1	0	1	1
F3 018	TP-3	3	0	3	3	0	0
F4 001	TP-2	2	CG-1	1	1	0	0
F4 002	TP-4	1, TR-1	0	1	0	0	0, Y-1
F4 005	TP-2	3	0	3	1	1	0
F4 006D							
F4 011	TP-3	1	CG-1	0	0	1	0
F4 014	TP-2	2	0	3	2	1	0, Y-1
F4 015	TP-4	2	0	2	1	0	0
F4 016	TP-3	0	0	1	0	0	0
F4 017	TP-1	1	0	0	0	0	0
F4 018	TP-1	2	FG-1	3	0	0	0

D- Water contamination. No data reported
CG-Coarsely Granular
FG-Finely Granular
GR- Granular Epithelial
TP-Triple Phosphates
TR-Transitional
Y-Yeast

Animal ID Number	Crystals	Epithelial Cells	Casts	Bacteria	Red Blood Cells	White Blood Cells	Fat Droplets
F5 001	TP-3	2	0	0	0	0	1, Y-1
F5 002	TP-2	1	0	0	0	0	1
F5 005	TP-2	2	CG-1	2	1	0	0
F5 006	TP-3	1	0	0	0	0	0
F5 011D							
F5 014D							
F5 015	TP-2	1, GR-1	0	3	1	1	0
F5 016	TP-4	1	0	1	0	0	0
F5 017	TP-2	2	0	0	0	1	1, Y-1
F5 018	TP-4	1	0	1	0	0	0
F6 001	TP-3	3	CG-1	3	1	1	0
F6 002	TP-2	1, TR-1	CG-1	0	0	1	0
F6 005	TP-3	2	0	3	1	0	0
F6 006	TP-4	1	0	1	0	0	0
F6 011	TP-2	2	0	2	0	0	0
F6 014	TP-1	3, GR-1	0	3	1	1	1, Y-1
F6 015	TP-2	1	CG-1	3	1	0	0
F6 016	0	2	0	1	0	1	0, Y-1
F6 017	TP-4	1	0	1	0	0	1
F6 018	TP-3	1	CG-1	3	1	0	0, Y-1
F7 001	TP-1	1	0	1	1	2	0
F7 002	TP-4	1	0	0	0	0	0
F7 005	TP-2	3	0	3	0	0	0
F7 006	TP-5	1, GR-1	0	1	0	0	0, Y-1
F7 011	TP-3	2	0	3	1	0	0
F7 014	TP-2	1	0	0	0	0	0, Y-2
F7 015	TP-3	1	0	2	0	0	0
F7 016	TP-4	1	0	0	1	1	0
F7 017D							
F7 018D							
F8 001	TP-3	2	0	2	0	1	0
F8 002	TP-4	1, GR-1	0	1	0	0	0, Y-1
F8 005	TP-1	1	0	2	0	0	0
F8 006	TP-3	2	FG-1	3	1	0	0
F8 011	TP-2	1	0	0	0	0	0, Y-1
F8 014	TP-2	2	CG-1	3	3	1	0
F8 015	TP-3	2	FG-1	4	1	1	0
F8 016QNS							
F8 017	TP-2	1	0	0	0	0	1, Y-1
F8 018	TP-2	2	0	3	0	1	0

D- Water contamination. No data reported
CG-Coarsely Granular
FG-Finely Granular
GR- Granular Epithelial
QNS- Quantity not sufficent. No data reported.
TP-Triple Phosphates
TR-Transitional
Y-Yeast

Animal ID Number	Crystals	Epithelial Cells	Casts	Bacteria	Red Blood Cells	White Blood Cells	Fat Droplets
F9 001	TP-1	1	0	1	0	1	0
F9 002	TP-4	1, GR-1	CG-1	0	0	0	0, Y-1
F9 005	TP-3	2	FG-1	3	1	1	0
F9 006	TP-3	2	0	0	0	0	0
F9 011	TP-2	1	0	2	0	0	0
F9 014	TP-2	1	0	1	0	0	0
F9 015	TP-5	1	0	0	0	0	1
F9 016	TP-3	2	CG-1	4	1	0	0
F9 017	TP-1	1	0	0	0	0	0, Y-1
F9 018D							
F10 001	TP-3	2	0	1	1	0	0
F10 002	TP-5	1	CG-1	3	0	0	0
F10 005	TP-1	2	CG-1	2	1	0	0
F10 006	TP-5	2, GR-1	0	1	0	1	0
F10 011	TP-4	2	0	4	4	2	0, Y-1
F10 014	TP-4	1	0	0	0	0	1, Y-1
F10 015	TP-3	1	0	3	1	0	0
F10 016	TP-2	2	0	0	0	0	0, Y-1
F10 017	TP-1	2	CG-1	1	0	0	0
F10 018	TP-1	1	0	1	0	0	0

D- Water contamination. No data reported
CG-Coarsely Granular
FG-Finely Granular
GR- Granular Epithelial

TP-Triple Phosphates
Y-Yeast

MONSANTO

APPLICANT: **Monsanto Australia Limited**

A416
CP4 ESPS gene in Roundup Ready® Corn Line NK603

SUBMISSION: Application to Australia New Zealand Food Authority for the inclusion of corn containing the CP4 EPSPS gene by Monsanto in Standard A18 - Food Derived From Gene Technology

VOLUME: 3 of 3

SUPPORTING INFORMATION

DATE: 28 February 2002

PREPARED BY: Megan Shaw
Regulatory Product Manager

AMENDMENT 1 TO FINAL REPORT

STUDY TITLE

13 Week Feeding Study in Rats with Grain from Roundup Ready ®Corn (NK603) Preceded by a 1-Week Baseline Food Consumption Determination with PMI Certified Rodent Diet #5002

DATA REQUIREMENT

Adapted from OECD Guideline No. 408

AUTHORS

B. Richard Dudek, Ph.D., D.A.B.T

STUDY COMPLETED ON:

December 3, 2001

PERFORMING LABORATORY

Monsanto Company
Metabolism and Safety Evaluation-Newstead (MSE-N)
645 S. Newstead Avenue
St. Louis, Missouri 63110

PROJECT NUMBER

MSE-N 99091
ML-99-253
MSL 17423
MSL 17555 (Amendment to MSL 17423)

Volume 2 of 2

Appendix 3. Individual Gross Necropsy Data

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091M1 001 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	589.0					
ADRENAL(S)	--	0.057	0.010%	BRAIN	--	2.158	0.366%
HEART	--	1.675	0.284%	KIDNEY(S)	--	4.201	0.713%
LIVER	--	17.244	2.928%	SPLEEN	--	0.954	0.162%
TESTIS(ES)	--	3.231	0.549%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M1 002 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (CSBOLL)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	489.3					
ADRENAL(S)	--	0.064	0.013%	BRAIN	--	2.378	0.486%
HEART	--	1.682	0.344%	KIDNEY(S)	--	4.116	0.841%
LIVER	--	13.569	2.773%	SPLEEN	--	0.771	0.158%
TESTIS(ES)	--	3.438	0.703%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M1 003 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	514.2					
ADRENAL(S)	--	0.058	0.011%	BRAIN	--	2.203	0.428%
HEART	--	2.417	0.470%	KIDNEY(S)	--	4.315	0.839%
LIVER	--	16.198	3.150%	SPLEEN	--	1.014	0.197%
TESTIS(ES)	--	3.291	0.640%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M1 004 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	489.6					
ADRENAL(S)	--	0.066	0.013%	BRAIN	--	2.281	0.466%
HEART	--	2.157	0.441%	KIDNEY(S)	--	3.950	0.807%
LIVER	--	15.348	3.135%	SPLEEN	--	0.801	0.164%
TESTIS(ES)	--	3.200	0.654%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M1 005 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	551.1		BRAIN	--	2.102	0.381%
ADRENAL(S)	--	0.056	0.010%	KIDNEY(S)	--	4.432	0.804%
HEART	--	2.126	0.386%	SPLEEN	--	0.937	0.170%
LIVER	--	15.302	2.777%				
TESTIS(ES)	--	3.683	0.668%				

=== GROSS OBSERVATIONS ===

THYMUS
FOCUS, RED/PURPLE/BLACK -- BILATERAL LOBES, PARENCHYMA,
MULTIPLE, ~ 0.1 CM, ROUND, DISCRETE AND RED.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M1 006 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	558.0					
ADRENAL(S)	--	0.052	0.009%	BRAIN	--	2.175	0.390%
HEART	--	1.872	0.335%	KIDNEY(S)	--	4.409	0.790%
LIVER	--	16.127	2.890%	SPLEEN	--	0.752	0.135%
TESTIS(ES)	--	3.044	0.546%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

STUDY NUMBER: 99091 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 8-JUN-2001
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT
STUDY START DATE: 7-JUN-2000 STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091M1 007 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 14-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	606.1					
ADRENAL(S)	--	0.078	0.013%	BRAIN	--	2.334	0.385%
HEART	--	2.021	0.333%	KIDNEY(S)	--	5.115	0.844%
LIVER	--	19.480	3.214%	SPLEEN	--	1.029	0.170%
TESTIS(ES)	--	4.476	0.738%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091M1 008 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 15-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	539.2		BRAIN	--	2.328	0.432%
ADRENAL(S)	--	0.064	0.012%	KIDNEY(S)	--	4.091	0.759%
HEART	--	2.406	0.446%	SPLEEN	--	0.781	0.145%
LIVER	--	16.535	3.067%				
TESTIS(ES)	--	4.331	0.803%				

=== G R O S S O B S E R V A T I O N S ===

LUNG
FOCUS, RED/PURPLE/BLACK -- LEFT LUNG, APPEARS TO BE IN THE PARENCHYMA, ~ 0.1 CM, ROUND, DISCRETE AND RED.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M1 009 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 18-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	536.4					
ADRENAL(S)	--	0.067	0.012%	BRAIN	--	2.197	0.410%
HEART	--	1.732	0.323%	KIDNEY(S)	--	3.863	0.720%
LIVER	--	14.207	2.649%	SPLEEN	--	0.875	0.163%
TESTIS(ES)	--	3.432	0.640%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M1 010 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 18-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	560.2					
ADRENAL(S)	--	0.061	0.011%	BRAIN	--	2.329	0.416%
HEART	--	2.034	0.363%	KIDNEY(S)	--	4.390	0.784%
LIVER	--	17.401	3.106%	SPLEEN	--	0.896	0.160%
TESTIS(ES)	--	3.680	0.657%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M1 011 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 14-SEP-2000

PROSECTOR : (CSBOLL)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	519.8					
ADRENAL(S)	--	0.096	0.018%	BRAIN	--	2.179	0.419%
HEART	--	1.817	0.350%	KIDNEY(S)	--	4.221	0.812%
LIVER	--	16.189	3.114%	SPLEEN	--	0.759	0.146%
TESTIS(ES)	--	3.795	0.730%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M1 012 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 19-SEP-2000
PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	522.8					
ADRENAL(S)	--	0.044	0.008%	BRAIN	--	2.284	0.437%
HEART	--	1.805	0.345%	KIDNEY(S)	--	3.739	0.715%
LIVER	--	14.725	2.817%	SPLEEN	--	0.740	0.142%
TESTIS(ES)	--	3.611	0.691%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M1 013 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 20-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	681.8					
ADRENAL(S)	--	0.104	0.015%	BRAIN	--	2.433	0.357%
HEART	--	2.160	0.317%	KIDNEY(S)	--	4.494	0.659%
LIVER	--	17.699	2.596%	SPLEEN	--	1.092	0.160%
TESTIS(ES)	--	4.156	0.610%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M1 014 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 14-SEP-2000
PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	479.8					
ADRENAL(S)	--	0.052	0.011%	BRAIN	--	2.197	0.458%
HEART	--	1.633	0.340%	KIDNEY(S)	--	3.640	0.759%
LIVER	--	13.201	2.751%	SPLEEN	--	0.678	0.141%
TESTIS(ES)	--	3.408	0.710%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M1 015 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 15-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	519.1					
ADRENAL(S)	--	0.052	0.010%	BRAIN	--	2.194	0.423%
HEART	--	1.725	0.332%	KIDNEY(S)	--	4.393	0.846%
LIVER	--	14.613	2.815%	SPLEEN	--	0.795	0.153%
TESTIS(ES)	--	3.922	0.756%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M1 016 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 15-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	553.8					
ADRENAL(S)	--	0.080	0.014%	BRAIN	--	2.360	0.426%
HEART	--	2.303	0.416%	KIDNEY(S)	--	5.404	0.976%
LIVER	--	16.566	2.991%	SPLEEN	--	0.920	0.166%
TESTIS(ES)	--	3.881	0.701%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M1 017 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 18-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	518.9					
ADRENAL(S)	--	0.053	0.010%	BRAIN	--	2.100	0.405%
HEART	--	2.132	0.411%	KIDNEY(S)	--	3.848	0.742%
LIVER	--	13.478	2.597%	SPLEEN	--	0.594	0.114%
TESTIS(ES)	--	3.876	0.747%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M1 018 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 18-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	565.3					
ADRENAL(S)	--	0.061	0.011%	BRAIN	--	2.184	0.386%
HEART	--	1.808	0.320%	KIDNEY(S)	--	4.171	0.738%
LIVER	--	15.444	2.732%	SPLEEN	--	0.629	0.111%
TESTIS(ES)	--	3.688	0.652%				

--- GROSS OBSERVATIONS ---

KIDNEY(S)
DILATED PELVIS -- BILATERAL; MODERATE.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M1 019 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 20-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	558.1					
ADRENAL(S)	--	0.071	0.013%	BRAIN	--	2.220	0.398%
HEART	--	2.306	0.413%	KIDNEY(S)	--	4.501	0.806%
LIVER	--	15.510	2.779%	SPLEEN	--	1.052	0.188%
TESTIS(ES)	--	3.755	0.673%				

=== G R O S S O B S E R V A T I O N S ===

KIDNEY(S)
DILATED PELVIS -- BILATERAL; MILD TO MODERATE.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M1 020 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 21-SEP-2000
PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	543.2					
ADRENAL(S)	--	0.071	0.013%	BRAIN	--	2.096	0.386%
HEART	--	1.964	0.362%	KIDNEY(S)	--	4.312	0.794%
LIVER	--	14.110	2.598%	SPLEEN	--	0.770	0.142%
TESTIS(ES)	--	3.575	0.658%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M2 001 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	477.4					
ADRENAL(S)	--	0.060	0.013%	BRAIN	--	2.114	0.443%
HEART	--	1.791	0.375%	KIDNEY(S)	--	3.895	0.816%
LIVER	--	14.011	2.935%	SPLEEN	--	0.771	0.161%
TESTIS(ES)	--	3.331	0.698%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M2 002 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	469.0					
ADRENAL(S)	--	0.058	0.012%	BRAIN	--	2.295	0.489%
HEART	--	1.642	0.350%	KIDNEY(S)	--	4.015	0.856%
LIVER	--	12.639	2.695%	SPLEEN	--	1.022	0.218%
TESTIS(ES)	--	3.910	0.834%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M2 003 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	572.4					
ADRENAL(S)	--	0.071	0.012%	BRAIN	--	2.272	0.397%
HEART	--	2.435	0.425%	KIDNEY(S)	--	4.123	0.720%
LIVER	--	16.626	2.905%	SPLEEN	--	1.071	0.187%
TESTIS(ES)	--	4.033	0.705%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M2 004 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	493.5					
ADRENAL(S)	--	0.055	0.011%	BRAIN	--	2.275	0.461%
HEART	--	1.953	0.396%	KIDNEY(S)	--	3.868	0.784%
LIVER	--	13.946	2.826%	SPLEEN	--	0.521	0.106%
TESTIS(ES)	--	3.419	0.693%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M2 005 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	550.2					
ADRENAL(S)	--	0.086	0.016%	BRAIN	--	2.281	0.415%
HEART	--	2.002	0.364%	KIDNEY(S)	--	4.345	0.790%
LIVER	--	16.732	3.041%	SPLEEN	--	1.050	0.191%
TESTIS(ES)	--	3.361	0.611%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M2 006 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	593.1					
ADRENAL(S)	--	0.061	0.010%	BRAIN	--	2.315	0.390%
HEART	--	1.922	0.324%	KIDNEY(S)	--	4.603	0.776%
LIVER	--	15.877	2.677%	SPLEEN	--	0.880	0.148%
TESTIS(ES)	--	3.738	0.630%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M2 007 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 14-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	538.4					
ADRENAL(S)	--	0.069	0.013%	BRAIN	--	2.280	0.423%
HEART	--	1.725	0.320%	KIDNEY(S)	--	4.137	0.768%
LIVER	--	16.800	3.120%	SPLEEN	--	0.977	0.181%
TESTIS(ES)	--	3.942	0.732%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M2 008 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 15-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	550.8					
ADRENAL(S)	--	0.068	0.012%	BRAIN	--	2.440	0.443%
HEART	--	2.335	0.424%	KIDNEY(S)	--	4.641	0.843%
LIVER	--	17.474	3.172%	SPLEEN	--	0.952	0.173%
TESTIS(ES)	--	3.678	0.668%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M2 009 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 18-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	543.4					
ADRENAL(S)	--	0.063	0.012%	BRAIN	--	2.326	0.428%
HEART	--	2.094	0.385%	KIDNEY(S)	--	4.558	0.839%
LIVER	--	15.833	2.914%	SPLEEN	--	0.963	0.177%
TESTIS(ES)	--	3.793	0.698%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M2 010 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 18-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	603.1					
ADRENAL(S)	--	0.062	0.010%	BRAIN	--	2.306	0.382%
HEART	--	2.395	0.397%	KIDNEY(S)	--	5.391	0.894%
LIVER	--	19.219	3.187%	SPLEEN	--	1.127	0.187%
TESTIS(ES)	--	3.673	0.609%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M2 011 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 14-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	461.5					
ADRENAL(S)	--	0.048	0.010%	BRAIN	--	2.100	0.455%
HEART	--	1.736	0.376%	KIDNEY(S)	--	3.477	0.753%
LIVER	--	12.337	2.673%	SPLEEN	--	0.631	0.137%
TESTIS(ES)	--	3.132	0.679%				

=== GROSS OBSERVATIONS ===

LUNG
FOCUS, WHITE/GRAY -- LEFT LUNG, PLEURA, DORSAL ASPECT, FEW,
~ 0.1 CM, ROUND, DISCRETE AND WHITE.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M2 012 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 19-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	551.1					
ADRENAL(S)	--	0.090	0.016%	BRAIN	--	2.430	0.441%
HEART	--	1.865	0.338%	KIDNEY(S)	--	4.374	0.794%
LIVER	--	16.671	3.025%	SPLEEN	--	0.797	0.145%
TESTIS(ES)	--	3.766	0.683%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M2 013 SEX: MALE
ANIMAL STATUS CODE: D

DATE OF NECROPSY: 27-AUG-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : ( )
GROSS DATA ENTRY: (KMSHEV)

--- O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ---

TERMINAL BODY WEIGHT -- NOT RECORDED

--- G R O S S O B S E R V A T I O N S ---

N O G R O S S A B N O R M A L I T I E S.

--- M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ---

TISSUE / HISTOPATHOLOGICAL FINDINGS	DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M2 014 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 14-SEP-2000

PROSECTOR : (CSBOLL)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	571.5					
ADRENAL(S)	--	0.055	0.010%	BRAIN	--	2.249	0.394%
HEART	--	1.866	0.327%	KIDNEY(S)	--	4.845	0.848%
LIVER	--	17.065	2.986%	SPLEEN	--	0.804	0.141%
TESTIS(ES)	--	3.428	0.600%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M2 015 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 15-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	754.1					
ADRENAL(S)	--	0.071	0.009%	BRAIN	--	2.295	0.304%
HEART	--	2.472	0.328%	KIDNEY(S)	--	5.416	0.718%
LIVER	--	24.589	3.261%	SPLEEN	--	0.973	0.129%
TESTIS(ES)	--	3.681	0.488%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M2 016 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 15-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	501.5					
ADRENAL(S)	--	0.062	0.012%	BRAIN	--	2.226	0.444%
HEART	--	1.990	0.397%	KIDNEY(S)	--	4.001	0.798%
LIVER	--	14.431	2.878%	SPLEEN	--	0.942	0.188%
TESTIS(ES)	--	3.883	0.774%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M2 017 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 18-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	516.0					
ADRENAL(S)	--	0.073	0.014%	BRAIN	--	2.208	0.428%
HEART	--	1.660	0.322%	KIDNEY(S)	--	3.837	0.744%
LIVER	--	15.091	2.926%	SPLEEN	--	0.850	0.165%
TESTIS(ES)	--	3.543	0.687%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M2 018 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 18-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	514.7					
ADRENAL(S)	--	0.062	0.012%	BRAIN	--	2.222	0.432%
HEART	--	1.767	0.343%	KIDNEY(S)	--	4.101	0.797%
LIVER	--	15.881	3.085%	SPLEEN	--	0.809	0.157%
TESTIS(ES)	--	3.452	0.671%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M2 019 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 20-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	586.4					
ADRENAL(S)	--	0.072	0.012%	BRAIN	--	2.118	0.361%
HEART	--	2.060	0.351%	KIDNEY(S)	--	4.503	0.768%
LIVER	--	17.798	3.035%	SPLEEN	--	1.078	0.184%
TESTIS(ES)	--	3.304	0.563%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M2 020 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 21-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	604.7					
ADRENAL(S)	--	0.063	0.010%	BRAIN	--	2.382	0.394%
HEART	--	1.917	0.317%	KIDNEY(S)	--	4.179	0.691%
LIVER	--	17.368	2.872%	SPLEEN	--	0.747	0.124%
TESTIS(ES)	--	3.345	0.553%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M3 001 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	480.9					
ADRENAL(S)	--	0.058	0.012%	BRAIN	--	2.183	0.454%
HEART	--	1.734	0.361%	KIDNEY(S)	--	4.008	0.833%
LIVER	--	13.406	2.788%	SPLEEN	--	0.796	0.166%
TESTIS(ES)	--	3.599	0.748%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M3 002 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	616.7					
ADRENAL(S)	--	0.053	0.009%	BRAIN	--	2.298	0.373%
HEART	--	2.413	0.391%	KIDNEY(S)	--	4.214	0.683%
LIVER	--	17.144	2.780%	SPLEEN	--	0.906	0.147%
TESTIS(ES)	--	3.312	0.537%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M3 003 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	453.5					
ADRENAL(S)	--	0.097	0.021%	BRAIN	--	2.244	0.495%
HEART	--	1.557	0.343%	KIDNEY(S)	--	3.853	0.850%
LIVER	--	12.471	2.750%	SPLEEN	--	0.896	0.198%
TESTIS(ES)	--	3.441	0.759%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M3 004 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	438.1					
ADRENAL(S)	--	0.053	0.012%	BRAIN	--	2.294	0.524%
HEART	--	1.653	0.377%	KIDNEY(S)	--	3.764	0.859%
LIVER	--	11.650	2.659%	SPLEEN	--	0.520	0.119%
TESTIS(ES)	--	3.540	0.808%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M3 005 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 14-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	555.0					
ADRENAL(S)	--	0.076	0.014%	BRAIN	--	2.274	0.410%
HEART	--	1.795	0.323%	KIDNEY(S)	--	4.939	0.890%
LIVER	--	17.322	3.121%	SPLEEN	--	0.644	0.116%
TESTIS(ES)	--	3.551	0.640%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M3 006 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 14-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	500.8					
ADRENAL(S)	--	0.090	0.018%	BRAIN	--	2.148	0.429%
HEART	--	1.710	0.341%	KIDNEY(S)	--	4.237	0.846%
LIVER	--	15.850	3.165%	SPLEEN	--	0.777	0.155%
TESTIS(ES)	--	3.841	0.767%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M3 007 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 14-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	563.5					
ADRENAL(S)	--	0.055	0.010%	BRAIN	--	2.147	0.381%
HEART	--	2.072	0.368%	KIDNEY(S)	--	4.538	0.805%
LIVER	--	17.190	3.051%	SPLEEN	--	0.745	0.132%
TESTIS(ES)	--	3.794	0.673%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M3 008 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 15-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	592.5					
ADRENAL(S)	--	0.080	0.014%	BRAIN	--	2.299	0.388%
HEART	--	2.209	0.373%	KIDNEY(S)	--	5.084	0.858%
LIVER	--	16.501	2.785%	SPLEEN	--	1.034	0.175%
TESTIS(ES)	--	3.413	0.576%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M3 009 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 18-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	590.1					
ADRENAL(S)	--	0.060	0.010%	BRAIN	--	2.191	0.371%
HEART	--	2.157	0.366%	KIDNEY(S)	--	4.309	0.730%
LIVER	--	15.776	2.673%	SPLEEN	--	0.850	0.144%
TESTIS(ES)	--	3.508	0.594%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M3 010 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 18-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	543.8					
ADRENAL(S)	--	0.075	0.014%	BRAIN	--	2.300	0.423%
HEART	--	1.824	0.335%	KIDNEY(S)	--	4.112	0.756%
LIVER	--	13.839	2.545%	SPLEEN	--	0.949	0.175%
TESTIS(ES)	--	3.467	0.638%				

=== G R O S S O B S E R V A T I O N S ===

KIDNEY(S)
DILATED PELVIS -- RIGHT; MODERATE.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M3 011 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 14-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	494.5					
ADRENAL(S)	--	0.057	0.012%	BRAIN	--	2.228	0.451%
HEART	--	1.562	0.316%	KIDNEY(S)	--	4.014	0.812%
LIVER	--	13.959	2.823%	SPLEEN	--	0.819	0.166%
TESTIS(ES)	--	3.383	0.684%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M3 012 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 19-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) and % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	762.5					
ADRENAL(S)	--	0.088	0.012%	BRAIN	--	2.260	0.296%
HEART	--	2.457	0.322%	KIDNEY(S)	--	5.475	0.718%
LIVER	--	22.137	2.903%	SPLEEN	--	1.032	0.135%
TESTIS(ES)	--	3.708	0.486%				

=== G R O S S O B S E R V A T I O N S ===

KIDNEY(S)
DILATED PELVIS -- RIGHT; MODERATE.

PANCREAS
ABNORMAL COLOR, BROWN/YELLOW -- DIFFUSE; YELLOW.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M3 013 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 20-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	481.4					
ADRENAL(S)	--	0.073	0.015%	BRAIN	--	2.312	0.480%
HEART	--	1.534	0.319%	KIDNEY(S)	--	3.460	0.719%
LIVER	--	12.431	2.582%	SPLEEN	--	0.744	0.155%
TESTIS(ES)	--	3.125	0.649%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M3 014 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 14-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ---

TERMINAL BODY WEIGHT	--	541.2					
ADRENAL(S)	--	0.078	0.014%	BRAIN	--	2.238	0.414%
HEART	--	1.832	0.339%	KIDNEY(S)	--	5.073	0.937%
LIVER	--	16.243	3.001%	SPLEEN	--	0.973	0.180%
TESTIS(ES)	--	3.807	0.703%				

--- G R O S S O B S E R V A T I O N S ---

LUNG
FOCUS, WHITE/GRAY -- MOST LOBES, PLEURA, MULTIPLE, < 0.1 -
0.1 CM, ROUND, DISCRETE AND WHITE.

--- M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M3 015 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 15-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	553.3					
ADRENAL(S)	--	0.057	0.010%	BRAIN	--	2.224	0.402%
HEART	--	2.068	0.374%	KIDNEY(S)	--	4.357	0.787%
LIVER	--	16.616	3.003%	SPLEEN	--	1.131	0.204%
TESTIS(ES)	--	3.817	0.690%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M3 016 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 15-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	481.7					
ADRENAL(S)	--	0.051	0.011%	BRAIN	--	2.330	0.484%
HEART	--	1.559	0.324%	KIDNEY(S)	--	3.840	0.797%
LIVER	--	12.825	2.662%	SPLEEN	--	0.751	0.156%
TESTIS(ES)	--	3.351	0.696%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M3 017 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 18-SEP-2000

PROSECTOR : (CSBOLL)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	517.9					
ADRENAL(S)	--	0.065	0.013%	BRAIN	--	2.042	0.394%
HEART	--	1.795	0.347%	KIDNEY(S)	--	4.231	0.817%
LIVER	--	13.938	2.691%	SPLEEN	--	0.910	0.176%
TESTIS(ES)	--	3.100	0.599%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M3 018 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 18-SEP-2000

PROSECTOR : (CSBOLL)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	573.5					
ADRENAL(S)	--	0.083	0.014%	BRAIN	--	2.325	0.405%
HEART	--	1.871	0.326%	KIDNEY(S)	--	4.573	0.797%
LIVER	--	17.156	2.991%	SPLEEN	--	1.065	0.186%
TESTIS(ES)	--	3.973	0.693%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M3 019 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 21-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	512.6					
ADRENAL(S)	--	0.060	0.012%	BRAIN	--	2.280	0.445%
HEART	--	1.808	0.353%	KIDNEY(S)	--	4.313	0.841%
LIVER	--	14.112	2.753%	SPLEEN	--	0.811	0.158%
TESTIS(ES)	--	3.974	0.775%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M3 020 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 21-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	518.2					
ADRENAL(S)	--	0.074	0.014%	BRAIN	--	2.213	0.427%
HEART	--	1.867	0.360%	KIDNEY(S)	--	3.903	0.753%
LIVER	--	17.031	3.287%	SPLEEN	--	0.710	0.137%
TESTIS(ES)	--	3.812	0.736%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M4 001 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (CSBOLL)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	515.8					
ADRENAL(S)	--	0.060	0.012%	BRAIN	--	2.317	0.449%
HEART	--	1.640	0.318%	KIDNEY(S)	--	3.832	0.743%
LIVER	--	13.638	2.644%	SPLEEN	--	0.913	0.177%
TESTIS(ES)	--	3.191	0.619%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M4 002 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	598.7					
ADRENAL(S)	--	0.074	0.012%	BRAIN	--	2.288	0.382%
HEART	--	1.716	0.287%	KIDNEY(S)	--	4.744	0.792%
LIVER	--	15.484	2.586%	SPLEEN	--	1.069	0.179%
TESTIS(ES)	--	3.640	0.608%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M4 003 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	508.3					
ADRENAL(S)	--	0.065	0.013%	BRAIN	--	2.245	0.442%
HEART	--	1.764	0.347%	KIDNEY(S)	--	3.636	0.715%
LIVER	--	14.548	2.862%	SPLEEN	--	0.781	0.154%
TESTIS(ES)	--	3.370	0.663%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M4 004 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	521.5					
ADRENAL(S)	--	0.067	0.013%	BRAIN	--	2.187	0.419%
HEART	--	1.865	0.358%	KIDNEY(S)	--	3.844	0.737%
LIVER	--	13.728	2.632%	SPLEEN	--	0.890	0.171%
TESTIS(ES)	--	3.778	0.724%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M4 005 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 14-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	503.0					
ADRENAL(S)	--	0.076	0.015%	BRAIN	--	2.215	0.440%
HEART	--	1.763	0.350%	KIDNEY(S)	--	3.569	0.710%
LIVER	--	14.146	2.812%	SPLEEN	--	1.048	0.208%
TESTIS(ES)	--	2.781	0.553%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M4 006 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 14-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	511.5					
ADRENAL(S)	--	0.063	0.012%	BRAIN	--	2.156	0.422%
HEART	--	1.733	0.339%	KIDNEY(S)	--	4.026	0.787%
LIVER	--	15.150	2.962%	SPLEEN	--	0.791	0.155%
TESTIS(ES)	--	3.247	0.635%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M4 007 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 14-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	515.9					
ADRENAL(S)	--	0.081	0.016%	BRAIN	--	2.227	0.432%
HEART	--	1.659	0.322%	KIDNEY(S)	--	3.462	0.671%
LIVER	--	13.929	2.700%	SPLEEN	--	0.862	0.167%
TESTIS(ES)	--	3.359	0.651%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M4 008 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 15-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	540.6					
ADRENAL(S)	--	0.059	0.011%	BRAIN	--	2.131	0.394%
HEART	--	2.167	0.401%	KIDNEY(S)	--	3.966	0.734%
LIVER	--	15.238	2.819%	SPLEEN	--	0.772	0.143%
TESTIS(ES)	--	3.459	0.640%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M4 009 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 18-SEP-2000

PROSECTOR : (CSBOLL)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	596.5					
ADRENAL(S)	--	0.069	0.012%	BRAIN	--	2.363	0.396%
HEART	--	1.739	0.292%	KIDNEY(S)	--	4.505	0.755%
LIVER	--	16.615	2.785%	SPLEEN	--	0.911	0.153%
TESTIS(ES)	--	3.495	0.586%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M4 010 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 18-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	588.7					
ADRENAL(S)	--	0.072	0.012%	BRAIN	--	2.297	0.390%
HEART	--	2.053	0.349%	KIDNEY(S)	--	5.092	0.865%
LIVER	--	16.788	2.852%	SPLEEN	--	0.887	0.151%
TESTIS(ES)	--	3.491	0.593%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M4 011 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 14-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) and % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	463.4					
ADRENAL(S)	--	0.054	0.012%	BRAIN	--	2.215	0.478%
HEART	--	1.506	0.325%	KIDNEY(S)	--	3.867	0.834%
LIVER	--	13.453	2.903%	SPLEEN	--	0.715	0.154%
TESTIS(ES)	--	3.386	0.731%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M4 012 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 19-SEP-2000

PROSECTOR : (CSBOLL)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	563.5					
ADRENAL(S)	--	0.079	0.014%	BRAIN	--	2.360	0.419%
HEART	--	1.864	0.331%	KIDNEY(S)	--	4.801	0.852%
LIVER	--	16.301	2.893%	SPLEEN	--	0.851	0.151%
TESTIS(ES)	--	3.443	0.611%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M4 013 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 20-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	515.8					
ADRENAL(S)	--	0.064	0.012%	BRAIN	--	2.134	0.414%
HEART	--	1.618	0.314%	KIDNEY(S)	--	4.068	0.789%
LIVER	--	15.281	2.963%	SPLEEN	--	0.760	0.147%
TESTIS(ES)	--	2.140	0.415%				

=== G R O S S O B S E R V A T I O N S ===

TESTIS(ES)
ATROPHY/SMALL -- LEFT, 1.5 X 0.8 X 0.6 CM.
ABNORMAL CONSISTENCY, SOFT -- BILATERAL.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M4 014 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 14-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	436.9					
ADRENAL(S)	--	0.050	0.011%	BRAIN	--	2.199	0.503%
HEART	--	1.528	0.350%	KIDNEY(S)	--	3.739	0.856%
LIVER	--	12.468	2.854%	SPLEEN	--	0.840	0.192%
TESTIS(ES)	--	3.630	0.831%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M4 015 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 15-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	571.1					
ADRENAL(S)	--	0.060	0.011%	BRAIN	--	2.118	0.371%
HEART	--	1.857	0.325%	KIDNEY(S)	--	4.188	0.733%
LIVER	--	15.886	2.782%	SPLEEN	--	0.974	0.171%
TESTIS(ES)	--	5.409	0.947%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M4 016 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 15-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	549.5					
ADRENAL(S)	--	0.074	0.013%	BRAIN	--	2.339	0.426%
HEART	--	1.668	0.304%	KIDNEY(S)	--	3.869	0.704%
LIVER	--	12.846	2.338%	SPLEEN	--	0.728	0.132%
TESTIS(ES)	--	3.903	0.710%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M4 017 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 18-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	545.3					
ADRENAL(S)	--	0.057	0.010%	BRAIN	--	2.297	0.421%
HEART	--	1.682	0.308%	KIDNEY(S)	--	4.209	0.772%
LIVER	--	17.866	3.276%	SPLEEN	--	0.919	0.169%
TESTIS(ES)	--	3.703	0.679%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M4 018 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 18-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT -- 1.0
Note: body wt will be excluded from summary statistics

ADRENAL(S)	--	0.070	7.000%	BRAIN	--	2.189	218.900%
HEART	--	2.146	214.600%	KIDNEY(S)	--	4.256	425.600%
LIVER	--	13.995	1399.500%	SPLEEN	--	0.753	75.300%
TESTIS(ES)	--	4.256	425.600%				

=== G R O S S O B S E R V A T I O N S ===

KIDNEY(S)
DILATED PELVIS -- RIGHT; MODERATE.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091M4 019 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 21-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	549.1					
ADRENAL(S)	--	0.053	0.010%	BRAIN	--	2.101	0.383%
HEART	--	2.010	0.366%	KIDNEY(S)	--	4.008	0.730%
LIVER	--	15.915	2.898%	SPLEEN	--	1.166	0.212%
TESTIS(ES)	--	3.276	0.597%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M4 020 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 21-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ---

TERMINAL BODY WEIGHT	--	470.1					
ADRENAL(S)	--	0.059	0.013%	BRAIN	--	2.076	0.442%
HEART	--	1.589	0.338%	KIDNEY(S)	--	3.676	0.782%
LIVER	--	13.854	2.947%	SPLEEN	--	0.674	0.143%
TESTIS(ES)	--	3.661	0.779%				

--- G R O S S O B S E R V A T I O N S ---

KIDNEY(S)
CALCULUS -- RIGHT, MULTIPLE, < 0.1 CM.

--- M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

ANIMAL NO: 99091M5 001 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	474.9					
ADRENAL(S)	--	0.058	0.012%	BRAIN	--	2.009	0.423%
HEART	--	2.047	0.431%	KIDNEY(S)	--	4.015	0.845%
LIVER	--	12.686	2.671%	SPLEEN	--	0.890	0.187%
TESTIS(ES)	--	3.434	0.723%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M5 002 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	540.6					
ADRENAL(S)	--	0.080	0.015%	BRAIN	--	2.201	0.407%
HEART	--	2.052	0.380%	KIDNEY(S)	--	4.522	0.836%
LIVER	--	15.094	2.792%	SPLEEN	--	0.747	0.138%
TESTIS(ES)	--	3.759	0.695%				

--- GROSS OBSERVATIONS ---

LUNG
FOCUS, WHITE/GRAY -- ALL LOBES, PLEURA, MULTIPLE, < 0.1 - 0.1 CM, ROUND, DISCRETE AND WHITE.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M5 003 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (CSBOLL)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	473.5					
ADRENAL(S)	--	0.069	0.015%	BRAIN	--	2.106	0.445%
HEART	--	1.524	0.322%	KIDNEY(S)	--	3.717	0.785%
LIVER	--	14.642	3.092%	SPLEEN	--	0.671	0.142%
TESTIS(ES)	--	3.349	0.707%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M5 004 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 14-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	559.6					
ADRENAL(S)	--	0.056	0.010%	BRAIN	--	2.398	0.429%
HEART	--	1.905	0.340%	KIDNEY(S)	--	4.372	0.781%
LIVER	--	17.619	3.148%	SPLEEN	--	0.884	0.158%
TESTIS(ES)	--	3.475	0.621%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M5 005 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 14-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	550.9					
ADRENAL(S)	--	0.062	0.011%	BRAIN	--	2.262	0.411%
HEART	--	1.986	0.361%	KIDNEY(S)	--	4.392	0.797%
LIVER	--	18.034	3.274%	SPLEEN	--	0.793	0.144%
TESTIS(ES)	--	3.678	0.668%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M5 006 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 14-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	555.6					
ADRENAL(S)	--	0.064	0.012%	BRAIN	--	2.315	0.417%
HEART	--	2.002	0.360%	KIDNEY(S)	--	4.401	0.792%
LIVER	--	16.398	2.951%	SPLEEN	--	0.974	0.175%
TESTIS(ES)	--	4.047	0.728%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M5 007 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 14-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	457.5					
ADRENAL(S)	--	0.068	0.015%	BRAIN	--	2.157	0.471%
HEART	--	1.658	0.362%	KIDNEY(S)	--	4.177	0.913%
LIVER	--	12.727	2.782%	SPLEEN	--	0.849	0.186%
TESTIS(ES)	--	3.648	0.797%				

--- GROSS OBSERVATIONS ---

LUNG
FOCUS, WHITE/GRAY -- RIGHT CAUDAL, PLEURA, FEW, < 0.1 - 0.1 CM, ROUND, DISCRETE AND WHITE.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M5 008 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 15-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (KMSHEV)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	511.8					
ADRENAL(S)	--	0.048	0.009%	BRAIN	--	2.174	0.425%
HEART	--	1.733	0.339%	KIDNEY(S)	--	4.430	0.866%
LIVER	--	14.713	2.875%	SPLEEN	--	0.756	0.148%
TESTIS(ES)	--	3.334	0.651%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M5 009 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 18-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	521.0					
ADRENAL(S)	--	0.045	0.009%	BRAIN	--	2.196	0.421%
HEART	--	1.850	0.355%	KIDNEY(S)	--	3.980	0.764%
LIVER	--	16.008	3.073%	SPLEEN	--	0.807	0.155%
TESTIS(ES)	--	3.573	0.686%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M5 010 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 18-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	551.4					
ADRENAL(S)	--	0.052	0.009%	BRAIN	--	2.233	0.405%
HEART	--	1.948	0.353%	KIDNEY(S)	--	4.592	0.833%
LIVER	--	16.864	3.058%	SPLEEN	--	1.054	0.191%
TESTIS(ES)	--	3.589	0.651%				

=== GROSS OBSERVATIONS ===

KIDNEY(S)
DILATED PELVIS -- RIGHT; MODERATE.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M5 011 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 15-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	489.9					
ADRENAL(S)	--	0.066	0.013%	BRAIN	--	2.293	0.468%
HEART	--	1.659	0.339%	KIDNEY(S)	--	4.485	0.915%
LIVER	--	15.280	3.119%	SPLEEN	--	0.878	0.179%
TESTIS(ES)	--	3.597	0.734%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M5 012 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 19-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	531.7					
ADRENAL(S)	--	0.078	0.015%	BRAIN	--	2.364	0.445%
HEART	--	1.689	0.318%	KIDNEY(S)	--	3.811	0.717%
LIVER	--	15.122	2.844%	SPLEEN	--	0.955	0.180%
TESTIS(ES)	--	3.580	0.673%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M5 013 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 20-SEP-2000

PROSECTOR : (CSBOLL)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	541.3					
ADRENAL(S)	--	0.056	0.010%	BRAIN	--	2.193	0.405%
HEART	--	1.729	0.319%	KIDNEY(S)	--	4.170	0.770%
LIVER	--	13.029	2.407%	SPLEEN	--	0.777	0.144%
TESTIS(ES)	--	3.739	0.691%				

=== G R O S S O B S E R V A T I O N S ===

LUNG
FOCUS, WHITE/GRAY -- RIGHT LOBES, PLEURA, FEW, < 0.1 -
0.1 CM, ROUND, DISCRETE AND WHITE.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M5 014 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 15-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	562.2					
ADRENAL(S)	--	0.050	0.009%	BRAIN	--	2.325	0.414%
HEART	--	2.473	0.440%	KIDNEY(S)	--	5.268	0.937%
LIVER	--	17.293	3.076%	SPLEEN	--	0.955	0.170%
TESTIS(ES)	--	3.997	0.711%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M5 015 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 15-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	476.8					
ADRENAL(S)	--	0.061	0.013%	BRAIN	--	2.161	0.453%
HEART	--	1.506	0.316%	KIDNEY(S)	--	3.996	0.838%
LIVER	--	13.538	2.839%	SPLEEN	--	0.733	0.154%
TESTIS(ES)	--	3.105	0.651%				

=== G R O S S O B S E R V A T I O N S ===

JEJUNUM
ABNORMAL CONTENTS -- ~ 6.0 CM SEGMENT FILLED WITH BLACK VISCOUS FLUID.

STOMACH
ABNORMAL CONTENTS -- FILLED WITH BLACK VISCOUS FLUID.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M5 016 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 15-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	626.9					
ADRENAL(S)	--	0.062	0.010%	BRAIN	--	2.375	0.379%
HEART	--	2.260	0.361%	KIDNEY(S)	--	4.542	0.725%
LIVER	--	17.412	2.777%	SPLEEN	--	0.988	0.158%
TESTIS(ES)	--	3.600	0.574%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M5 017 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 18-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	508.4					
ADRENAL(S)	--	0.063	0.012%	BRAIN	--	2.254	0.443%
HEART	--	1.729	0.340%	KIDNEY(S)	--	3.997	0.786%
LIVER	--	13.296	2.615%	SPLEEN	--	0.929	0.183%
TESTIS(ES)	--	3.548	0.698%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M5 018 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 18-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT -- 1.0
Note: body wt will be excluded from summary statistics

ADRENAL(S)	--	0.065	6.500%	BRAIN	--	2.286	228.600%
HEART	--	1.469	146.900%	KIDNEY(S)	--	3.502	350.200%
LIVER	--	12.183	1218.300%	SPLEEN	--	0.709	70.900%
TESTIS(ES)	--	2.995	299.500%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M5 019 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 21-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	528.5					
ADRENAL(S)	--	0.061	0.012%	BRAIN	--	2.116	0.400%
HEART	--	1.990	0.377%	KIDNEY(S)	--	3.727	0.705%
LIVER	--	13.631	2.579%	SPLEEN	--	0.847	0.160%
TESTIS(ES)	--	4.193	0.793%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M5 020 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 21-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	619.6					
ADRENAL(S)	--	0.065	0.010%	BRAIN	--	2.257	0.364%
HEART	--	1.953	0.315%	KIDNEY(S)	--	4.360	0.704%
LIVER	--	20.010	3.230%	SPLEEN	--	1.074	0.173%
TESTIS(ES)	--	4.042	0.652%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M6 001 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	485.7					
ADRENAL(S)	--	0.076	0.016%	BRAIN	--	2.233	0.460%
HEART	--	1.565	0.322%	KIDNEY(S)	--	3.549	0.731%
LIVER	--	13.256	2.729%	SPLEEN	--	0.567	0.117%
TESTIS(ES)	--	3.478	0.716%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M6 002 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	494.3					
ADRENAL(S)	--	0.049	0.010%	BRAIN	--	2.117	0.428%
HEART	--	2.123	0.429%	KIDNEY(S)	--	4.119	0.833%
LIVER	--	14.261	2.885%	SPLEEN	--	0.823	0.166%
TESTIS(ES)	--	3.769	0.762%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M6 003 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	511.4					
ADRENAL(S)	--	0.064	0.013%	BRAIN	--	2.125	0.416%
HEART	--	1.931	0.378%	KIDNEY(S)	--	4.023	0.787%
LIVER	--	15.042	2.941%	SPLEEN	--	0.871	0.170%
TESTIS(ES)	--	3.636	0.711%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M6 004 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 14-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	492.3					
ADRENAL(S)	--	0.053	0.011%	BRAIN	--	2.334	0.474%
HEART	--	1.921	0.390%	KIDNEY(S)	--	4.012	0.815%
LIVER	--	14.400	2.925%	SPLEEN	--	0.808	0.164%
TESTIS(ES)	--	3.459	0.703%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M6 005 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 14-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	421.5					
ADRENAL(S)	--	0.062	0.015%	BRAIN	--	2.231	0.529%
HEART	--	1.443	0.342%	KIDNEY(S)	--	3.442	0.817%
LIVER	--	12.188	2.892%	SPLEEN	--	0.698	0.166%
TESTIS(ES)	--	3.456	0.820%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M6 006 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 14-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	511.2					
ADRENAL(S)	--	0.071	0.014%	BRAIN	--	2.348	0.459%
HEART	--	1.730	0.338%	KIDNEY(S)	--	4.104	0.803%
LIVER	--	14.562	2.849%	SPLEEN	--	0.809	0.158%
TESTIS(ES)	--	3.950	0.773%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M6 007 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 14-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	536.5					
ADRENAL(S)	--	0.090	0.017%	BRAIN	---	2.286	0.426%
HEART	--	1.798	0.335%	KIDNEY(S)	--	4.505	0.840%
LIVER	--	16.603	3.095%	SPLEEN	--	0.874	0.163%
TESTIS(ES)	--	3.452	0.643%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M6 008 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 15-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	526.7					
ADRENAL(S)	--	0.058	0.011%	BRAIN	--	2.242	0.426%
HEART	--	1.918	0.364%	KIDNEY(S)	--	4.127	0.784%
LIVER	--	15.872	3.013%	SPLEEN	--	0.835	0.159%
TESTIS(ES)	--	3.675	0.698%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M6 009 SEX: MALE
ANIMAL STATUS CODE: M DATE OF NECROPSY: 31-AUG-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : ( )
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT -- NOT RECORDED

=== G R O S S O B S E R V A T I O N S ===

EYE(S)
ABNORMAL DISCHARGE/ENCRUSTATION -- BILATERAL, PERIORBITAL, RED.

NOSE/TURBINATES
FRACTURE --

LY.NODE,SUBMAX.
ABNORMAL COLOR, RED/PURPLE/BLACK -- BILATERAL, DIFFUSE, DARK RED.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M6 010 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 18-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	498.8					
ADRENAL(S)	--	0.062	0.012%	BRAIN	--	2.280	0.457%
HEART	--	1.802	0.361%	KIDNEY(S)	--	4.043	0.811%
LIVER	--	13.331	2.673%	SPLEEN	--	0.938	0.188%
TESTIS(ES)	--	3.389	0.679%				

--- GROSS OBSERVATIONS ---

LUNG
FOCUS, WHITE/GRAY -- MOST LOBES, PLEURA, MULTIPLE, < 0.1 - 0.1 CM, ROUND, DISCRETE AND WHITE.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M6 011 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 15-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	574.0					
ADRENAL(S)	--	0.060	0.010%	BRAIN	--	2.272	0.396%
HEART	--	1.993	0.347%	KIDNEY(S)	--	4.027	0.702%
LIVER	--	16.698	2.909%	SPLEEN	--	0.786	0.137%
TESTIS(ES)	--	3.415	0.595%				

=== G R O S S O B S E R V A T I O N S ===

KIDNEY(S)
DILATED PELVIS -- RIGHT; MODERATE.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M6 012 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 19-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	553.5					
ADRENAL(S)	--	0.084	0.015%	BRAIN	--	2.342	0.423%
HEART	--	2.013	0.364%	KIDNEY(S)	--	4.348	0.786%
LIVER	--	16.468	2.975%	SPLEEN	--	1.173	0.212%
TESTIS(ES)	--	3.601	0.651%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091M6 013 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 20-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	504.7					
ADRENAL(S)	--	0.067	0.013%	BRAIN	--	2.340	0.464%
HEART	--	1.672	0.331%	KIDNEY(S)	--	4.003	0.793%
LIVER	--	15.021	2.976%	SPLEEN	--	0.818	0.162%
TESTIS(ES)	--	3.620	0.717%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M6 014 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 15-SEP-2000
PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	529.0					
ADRENAL(S)	--	0.073	0.014%	BRAIN	--	2.177	0.412%
HEART	--	1.675	0.317%	KIDNEY(S)	--	3.997	0.756%
LIVER	--	14.985	2.833%	SPLEEN	--	0.890	0.168%
TESTIS(ES)	--	3.902	0.738%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M6 015 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 18-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	568.8					
ADRENAL(S)	--	0.081	0.014%	BRAIN	--	2.428	0.427%
HEART	--	1.720	0.302%	KIDNEY(S)	--	4.211	0.740%
LIVER	--	14.238	2.503%	SPLEEN	--	0.927	0.163%
TESTIS(ES)	--	3.336	0.586%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M6 016 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 18-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	578.9					
ADRENAL(S)	--	0.064	0.011%	BRAIN	--	2.085	0.360%
HEART	--	1.913	0.330%	KIDNEY(S)	--	4.339	0.750%
LIVER	--	16.293	2.814%	SPLEEN	--	0.974	0.168%
TESTIS(ES)	--	3.270	0.565%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M6 017 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 18-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	508.0					
ADRENAL(S)	--	0.075	0.015%	BRAIN	--	2.303	0.453%
HEART	--	1.605	0.316%	KIDNEY(S)	--	3.926	0.773%
LIVER	--	14.145	2.784%	SPLEEN	--	0.715	0.141%
TESTIS(ES)	--	3.625	0.714%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M6 018 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 18-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT -- 1.0
Note: body wt will be excluded from summary statistics

ADRENAL(S)	--	0.059	5.900%	BRAIN	--	2.215	221.500%
HEART	--	1.685	168.500%	KIDNEY(S)	--	3.669	366.900%
LIVER	--	14.302	1430.200%	SPLEEN	--	0.658	65.800%
TESTIS(ES)	--	3.270	327.000%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M6 019 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 21-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	657.5					
ADRENAL(S)	--	0.104	0.016%	BRAIN	--	2.169	0.330%
HEART	--	1.968	0.299%	KIDNEY(S)	--	4.211	0.640%
LIVER	--	18.520	2.817%	SPLEEN	--	0.891	0.136%
TESTIS(ES)	--	3.687	0.561%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M6 020 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 21-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	516.6					
ADRENAL(S)	--	0.087	0.017%	BRAIN	--	2.327	0.450%
HEART	--	2.041	0.395%	KIDNEY(S)	--	4.838	0.937%
LIVER	--	16.065	3.110%	SPLEEN	--	1.080	0.209%
TESTIS(ES)	--	3.445	0.667%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M7 001 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	622.7					
ADRENAL(S)	--	0.076	0.012%	BRAIN	--	2.216	0.356%
HEART	--	2.075	0.333%	KIDNEY(S)	--	4.821	0.774%
LIVER	--	18.192	2.921%	SPLEEN	--	0.832	0.134%
TESTIS(ES)	--	3.390	0.544%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M7 002 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	543.0					
ADRENAL(S)	--	0.055	0.010%	BRAIN	--	2.347	0.432%
HEART	--	1.602	0.295%	KIDNEY(S)	--	4.172	0.768%
LIVER	--	14.321	2.637%	SPLEEN	--	0.818	0.151%
TESTIS(ES)	--	3.358	0.618%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M7 003 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	551.6					
ADRENAL(S)	--	0.064	0.012%	BRAIN	--	2.230	0.404%
HEART	--	2.060	0.373%	KIDNEY(S)	--	4.106	0.744%
LIVER	--	16.209	2.939%	SPLEEN	--	0.748	0.136%
TESTIS(ES)	--	3.423	0.621%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M7 004 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 14-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	579.6					
ADRENAL(S)	--	0.093	0.016%	BRAIN	--	2.209	0.381%
HEART	--	2.069	0.357%	KIDNEY(S)	--	4.303	0.742%
LIVER	--	18.709	3.228%	SPLEEN	--	0.930	0.160%
TESTIS(ES)	--	3.259	0.562%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M7 005 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 14-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	538.7					
ADRENAL(S)	--	0.083	0.015%	BRAIN	--	2.252	0.418%
HEART	--	2.045	0.380%	KIDNEY(S)	--	4.767	0.885%
LIVER	--	16.079	2.985%	SPLEEN	--	0.992	0.184%
TESTIS(ES)	--	3.383	0.628%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M7 006 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 14-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	438.9					
ADRENAL(S)	--	0.074	0.017%	BRAIN	--	2.146	0.489%
HEART	--	1.770	0.403%	KIDNEY(S)	--	3.561	0.811%
LIVER	--	12.350	2.814%	SPLEEN	--	0.755	0.172%
TESTIS(ES)	--	3.755	0.856%				

=== G R O S S O B S E R V A T I O N S ===

LIVER
ATROPHY/SMALL -- ONE CAUDATE LOBE; MARKED.

THYMUS
ABNORMAL COLOR, RED/PURPLE/BLACK -- BILATERAL LOBES, POSTERIOR ASPECT, DIFFUSE, DARK RED.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M7 007 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 14-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	518.0					
ADRENAL(S)	--	0.057	0.011%	BRAIN	--	2.175	0.420%
HEART	--	2.025	0.391%	KIDNEY(S)	--	4.453	0.860%
LIVER	--	14.794	2.856%	SPLEEN	--	0.913	0.176%
TESTIS(ES)	--	3.695	0.713%				

=== G R O S S O B S E R V A T I O N S ===

LUNG
FOCUS, WHITE/GRAY -- MOST LOBES, PLEURA, MULTIPLE, < 0.1 -
0.1 CM, ROUND, DISCRETE AND WHITE.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M7 008 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 15-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	480.8					
ADRENAL(S)	--	0.086	0.018%	BRAIN	--	2.363	0.491%
HEART	--	1.742	0.362%	KIDNEY(S)	--	4.392	0.913%
LIVER	--	16.061	3.340%	SPLEEN	--	0.770	0.160%
TESTIS(ES)	--	3.546	0.738%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M7 009 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 18-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	522.7					
ADRENAL(S)	--	0.060	0.011%	BRAIN	--	2.289	0.438%
HEART	--	1.742	0.333%	KIDNEY(S)	--	3.902	0.747%
LIVER	--	15.137	2.896%	SPLEEN	--	0.855	0.164%
TESTIS(ES)	--	3.576	0.684%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M7 010 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 18-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	508.6					
ADRENAL(S)	--	0.080	0.016%	BRAIN	--	2.309	0.454%
HEART	--	1.828	0.359%	KIDNEY(S)	--	4.301	0.846%
LIVER	--	16.253	3.196%	SPLEEN	--	0.925	0.182%
TESTIS(ES)	--	3.945	0.776%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M7 011 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 15-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	529.1					
ADRENAL(S)	--	0.070	0.013%	BRAIN	--	2.278	0.431%
HEART	--	1.620	0.306%	KIDNEY(S)	--	4.144	0.783%
LIVER	--	16.270	3.075%	SPLEEN	--	0.710	0.134%
TESTIS(ES)	--	3.251	0.614%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M7 012 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 19-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	585.6					
ADRENAL(S)	--	0.080	0.014%	BRAIN	--	2.235	0.382%
HEART	--	2.175	0.371%	KIDNEY(S)	--	4.605	0.786%
LIVER	--	16.765	2.863%	SPLEEN	--	0.821	0.140%
TESTIS(ES)	--	3.522	0.601%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M7 013 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 20-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	545.4					
ADRENAL(S)	--	0.054	0.010%	BRAIN	--	2.243	0.411%
HEART	--	2.044	0.375%	KIDNEY(S)	--	4.333	0.794%
LIVER	--	14.923	2.736%	SPLEEN	--	0.905	0.166%
TESTIS(ES)	--	3.541	0.649%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M7 014 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 15-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

ORGAN WEIGHTS (GM) and % BODY WEIGHT

TERMINAL BODY WEIGHT	--	515.4					
ADRENAL(S)	--	0.069	0.013%	BRAIN	--	2.165	0.420%
HEART	--	1.692	0.328%	KIDNEY(S)	--	3.673	0.713%
LIVER	--	13.997	2.716%	SPLEEN	--	1.043	0.202%
TESTIS(ES)	--	3.477	0.675%				

GROSS OBSERVATIONS

NO GROSS ABNORMALITIES.

MICROSCOPIC TISSUE OBSERVATIONS

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091M7 015 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 18-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	544.7					
ADRENAL(S)	--	0.085	0.016%	BRAIN	--	2.416	0.444%
HEART	--	1.871	0.343%	KIDNEY(S)	--	4.010	0.736%
LIVER	--	15.780	2.897%	SPLEEN	--	0.783	0.144%
TESTIS(ES)	--	3.433	0.630%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M7 016 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 18-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	652.5					
ADRENAL(S)	--	0.087	0.013%	BRAIN	--	2.321	0.356%
HEART	--	2.045	0.313%	KIDNEY(S)	--	5.311	0.814%
LIVER	--	20.390	3.125%	SPLEEN	--	1.083	0.166%
TESTIS(ES)	--	3.516	0.539%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M7 017 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 19-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	632.0					
ADRENAL(S)	--	0.084	0.013%	BRAIN	--	2.360	0.373%
HEART	--	1.748	0.277%	KIDNEY(S)	--	4.518	0.715%
LIVER	--	17.474	2.765%	SPLEEN	--	0.945	0.150%
TESTIS(ES)	--	3.484	0.551%				

=== G R O S S O B S E R V A T I O N S ===

LUNG
FOCUS, WHITE/GRAY -- MOST LOBES, PLEURA, MULTIPLE, < 0.1 - 0.1 CM, ROUND, DISCRETE AND WHITE.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M7 018 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 19-SEP-2000

PROSECTOR : (CSBOLL)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	746.2					
ADRENAL(S)	--	0.105	0.014%	BRAIN	--	2.228	0.299%
HEART	--	2.504	0.336%	KIDNEY(S)	--	5.473	0.733%
LIVER	--	23.462	3.144%	SPLEEN	--	0.910	0.122%
TESTIS(ES)	--	3.590	0.481%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M7 019 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 21-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	539.1					
ADRENAL(S)	--	0.053	0.010%	BRAIN	--	2.081	0.386%
HEART	--	1.731	0.321%	KIDNEY(S)	--	3.540	0.657%
LIVER	--	14.355	2.663%	SPLEEN	--	0.784	0.145%
TESTIS(ES)	--	2.971	0.551%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M7 020 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 22-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	554.7					
ADRENAL(S)	--	0.075	0.014%	BRAIN	--	2.281	0.411%
HEART	--	2.348	0.423%	KIDNEY(S)	--	4.482	0.808%
LIVER	--	14.703	2.651%	SPLEEN	--	0.984	0.177%
TESTIS(ES)	--	3.805	0.686%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M8 001 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	518.9					
ADRENAL(S)	--	0.063	0.012%	BRAIN	--	2.201	0.424%
HEART	--	2.158	0.416%	KIDNEY(S)	--	4.147	0.799%
LIVER	--	14.281	2.752%	SPLEEN	--	0.751	0.145%
TESTIS(ES)	--	6.165	1.188%				

--- GROSS OBSERVATIONS ---

TESTIS(ES)
ENLARGED -- LEFT, 2.5 X 1.7 X 1.3 CM.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M8 002 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	484.6					
ADRENAL(S)	--	0.061	0.013%	BRAIN	--	2.232	0.461%
HEART	--	1.587	0.327%	KIDNEY(S)	--	3.652	0.754%
LIVER	--	13.241	2.732%	SPLEEN	--	0.751	0.155%
TESTIS(ES)	--	3.033	0.626%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M8 003 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	545.9					
ADRENAL(S)	--	0.065	0.012%	BRAIN	--	2.313	0.424%
HEART	--	2.093	0.383%	KIDNEY(S)	--	3.948	0.723%
LIVER	--	15.277	2.798%	SPLEEN	--	0.820	0.150%
TESTIS(ES)	--	3.342	0.612%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M8 004 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 14-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	401.1					
ADRENAL(S)	--	0.053	0.013%	BRAIN	--	2.001	0.499%
HEART	--	1.657	0.413%	KIDNEY(S)	--	3.176	0.792%
LIVER	--	11.003	2.743%	SPLEEN	--	0.767	0.191%
TESTIS(ES)	--	3.387	0.844%				

=== GROSS OBSERVATIONS ===

THYMUS
ABNORMAL COLOR, RED/PURPLE/BLACK -- RIGHT LOBE, DIFFUSE, DARK RED.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M8 005 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 14-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	572.7					
ADRENAL(S)	--	0.044	0.008%	BRAIN	--	2.322	0.405%
HEART	--	2.212	0.386%	KIDNEY(S)	--	4.083	0.713%
LIVER	--	15.893	2.775%	SPLEEN	--	0.897	0.157%
TESTIS(ES)	--	3.072	0.536%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M8 006 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 14-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	564.6					
ADRENAL(S)	--	0.058	0.010%	BRAIN	--	2.355	0.417%
HEART	--	1.872	0.332%	KIDNEY(S)	--	3.847	0.681%
LIVER	--	16.338	2.894%	SPLEEN	--	0.811	0.144%
TESTIS(ES)	--	4.618	0.818%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091M8 007 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 14-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	450.8					
ADRENAL(S)	--	0.068	0.015%	BRAIN	--	2.224	0.493%
HEART	--	1.589	0.352%	KIDNEY(S)	--	4.252	0.943%
LIVER	--	13.626	3.023%	SPLEEN	--	0.893	0.198%
TESTIS(ES)	--	2.850	0.632%				

=== GROSS OBSERVATIONS ===

TESTIS(ES)
ATROPHY/SMALL -- LEFT, 1.7 X 0.8 X 0.6 CM.

CALVARIA
ABNORMAL SURFACE -- ~ 0.4 X 0.2 CM AREA, SLIGHTLY DEPRESSED.
IN CASS (CALVARIA).

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M8 008 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 15-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	560.9					
ADRENAL(S)	--	0.062	0.011%	BRAIN	--	2.261	0.403%
HEART	--	2.093	0.373%	KIDNEY(S)	--	4.302	0.767%
LIVER	--	15.959	2.845%	SPLEEN	--	0.763	0.136%
TESTIS(ES)	--	3.907	0.697%				

--- GROSS OBSERVATIONS ---

THYMUS
ABNORMAL COLOR, RED/PURPLE/BLACK -- BILATERAL LOBES, POSTERIOR ASPECT, DIFFUSE, DARK RED.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M8 009 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 18-SEP-2000
PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	495.5					
ADRENAL(S)	--	0.065	0.013%	BRAIN	--	2.064	0.417%
HEART	--	2.303	0.465%	KIDNEY(S)	--	4.477	0.904%
LIVER	--	14.660	2.959%	SPLEEN	--	0.741	0.150%
TESTIS(ES)	--	3.581	0.723%				

=== G R O S S O B S E R V A T I O N S ===

LUNG
FOCUS, WHITE/GRAY -- RIGHT CAUDAL, PLEURA, SEVERAL, < 0.1 -
0.1 CM, ROUND, DISCRETE AND WHITE.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M8 010 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 19-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	472.8					
ADRENAL(S)	--	0.058	0.012%	BRAIN	--	2.239	0.474%
HEART	--	1.737	0.367%	KIDNEY(S)	--	3.231	0.683%
LIVER	--	12.050	2.549%	SPLEEN	--	0.565	0.120%
TESTIS(ES)	--	3.033	0.641%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091M8 011 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 15-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	573.5					
ADRENAL(S)	--	0.067	0.012%	BRAIN	--	2.147	0.374%
HEART	--	1.948	0.340%	KIDNEY(S)	--	4.725	0.824%
LIVER	--	15.725	2.742%	SPLEEN	--	0.950	0.166%
TESTIS(ES)	--	3.728	0.650%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M8 012 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 19-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	531.2					
ADRENAL(S)	--	0.070	0.013%	BRAIN	--	2.151	0.405%
HEART	--	1.953	0.368%	KIDNEY(S)	--	4.222	0.795%
LIVER	--	13.341	2.511%	SPLEEN	--	0.940	0.177%
TESTIS(ES)	--	3.506	0.660%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M8 013 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 20-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	536.2					
ADRENAL(S)	--	0.034	0.006%	BRAIN	--	2.168	0.404%
HEART	--	1.885	0.352%	KIDNEY(S)	--	4.296	0.801%
LIVER	--	14.431	2.691%	SPLEEN	--	0.754	0.141%
TESTIS(ES)	--	3.938	0.734%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M8 014 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 15-SEP-2000

PROSECTOR : (CSBOLL)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ---

TERMINAL BODY WEIGHT	--	584.8					
ADRENAL(S)	--	0.073	0.012%	BRAIN	--	2.350	0.402%
HEART	--	2.081	0.356%	KIDNEY(S)	--	4.440	0.759%
LIVER	--	16.170	2.765%	SPLEEN	--	0.899	0.154%
TESTIS(ES)	--	4.167	0.713%				

--- G R O S S O B S E R V A T I O N S ---

N O G R O S S A B N O R M A L I T I E S.

--- M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

STUDY NUMBER: 99091 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 8-JUN-2001
RTE OF ADMIN: ORAL (FEED) SPECIES: RAT
STUDY START DATE: 7-JUN-2000 STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091M8 015 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 18-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	642.3					
ADRENAL(S)	--	0.071	0.011%	BRAIN	--	2.206	0.343%
HEART	--	2.102	0.327%	KIDNEY(S)	--	4.558	0.710%
LIVER	--	17.346	2.701%	SPLEEN	--	0.990	0.154%
TESTIS(ES)	--	3.271	0.509%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M8 016 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 18-SEP-2000
PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	565.2					
ADRENAL(S)	--	0.056	0.010%	BRAIN	--	2.300	0.407%
HEART	--	2.044	0.362%	KIDNEY(S)	--	4.338	0.768%
LIVER	--	16.341	2.891%	SPLEEN	--	1.019	0.180%
TESTIS(ES)	--	3.712	0.657%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091M8 017 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 19-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	581.5					
ADRENAL(S)	--	0.084	0.014%	BRAIN	--	2.360	0.406%
HEART	--	1.669	0.287%	KIDNEY(S)	--	4.443	0.764%
LIVER	--	15.821	2.721%	SPLEEN	--	0.905	0.156%
TESTIS(ES)	--	3.520	0.605%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M8 018 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 19-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	590.5					
ADRENAL(S)	--	0.058	0.010%	BRAIN	--	2.303	0.390%
HEART	--	1.746	0.296%	KIDNEY(S)	--	4.970	0.842%
LIVER	--	16.499	2.794%	SPLEEN	--	1.042	0.176%
TESTIS(ES)	--	3.576	0.606%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M8 019 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 21-SEP-2000

PROSECTOR : (CSBOLL)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	602.3					
ADRENAL(S)	--	0.075	0.012%	BRAIN	--	2.308	0.383%
HEART	--	2.079	0.345%	KIDNEY(S)	--	4.446	0.738%
LIVER	--	18.041	2.995%	SPLEEN	--	0.850	0.141%
TESTIS(ES)	--	3.529	0.586%				

=== G R O S S O B S E R V A T I O N S ===

KIDNEY(S)
CYST -- LEFT, SEROSA AND PARENCHYMA, ~ 0.2 CM; FILLED WITH CLEAR FLUID.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M8 020 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 22-SEP-2000
PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	527.4					
ADRENAL(S)	--	0.077	0.015%	BRAIN	--	2.339	0.443%
HEART	--	1.609	0.305%	KIDNEY(S)	--	3.711	0.704%
LIVER	--	14.468	2.743%	SPLEEN	--	0.754	0.143%
TESTIS(ES)	--	3.256	0.617%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M9 001 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	539.8					
ADRENAL(S)	--	0.064	0.012%	BRAIN	--	2.230	0.413%
HEART	--	1.994	0.369%	KIDNEY(S)	--	4.232	0.784%
LIVER	--	15.148	2.806%	SPLEEN	--	0.835	0.155%
TESTIS(ES)	--	3.425	0.634%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M9 002 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (CSBOLL)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	503.2					
ADRENAL(S)	--	0.051	0.010%	BRAIN	--	2.264	0.450%
HEART	--	1.571	0.312%	KIDNEY(S)	--	4.299	0.854%
LIVER	--	13.639	2.710%	SPLEEN	--	0.832	0.165%
TESTIS(ES)	--	3.634	0.722%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M9 003 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	521.2					
ADRENAL(S)	--	0.055	0.011%	BRAIN	--	2.271	0.436%
HEART	--	1.682	0.323%	KIDNEY(S)	--	4.194	0.805%
LIVER	--	15.529	2.979%	SPLEEN	--	0.779	0.149%
TESTIS(ES)	--	3.462	0.664%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M9 004 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 14-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	548.2					
ADRENAL(S)	--	0.072	0.013%	BRAIN	--	2.274	0.415%
HEART	--	1.708	0.312%	KIDNEY(S)	--	4.100	0.748%
LIVER	--	16.176	2.951%	SPLEEN	--	1.087	0.198%
TESTIS(ES)	--	3.651	0.666%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M9 005 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 14-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	542.1					
ADRENAL(S)	--	0.080	0.015%	BRAIN	--	2.123	0.392%
HEART	--	1.704	0.314%	KIDNEY(S)	--	3.915	0.722%
LIVER	--	14.764	2.723%	SPLEEN	--	0.773	0.143%
TESTIS(ES)	--	3.676	0.678%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M9 006 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 14-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	549.4					
ADRENAL(S)	--	0.069	0.013%	BRAIN	--	2.286	0.416%
HEART	--	2.139	0.389%	KIDNEY(S)	--	4.164	0.758%
LIVER	--	14.666	2.669%	SPLEEN	--	0.690	0.126%
TESTIS(ES)	--	3.765	0.685%				

--- GROSS OBSERVATIONS ---

TESTIS(ES)
ATROPHY/SMALL -- LEFT, 1.7 X 0.8 X 0.6 CM.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091M9 007 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 15-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	507.6					
ADRENAL(S)	--	0.062	0.012%	BRAIN	--	2.168	0.427%
HEART	--	1.976	0.389%	KIDNEY(S)	--	3.706	0.730%
LIVER	--	13.143	2.589%	SPLEEN	--	0.836	0.165%
TESTIS(ES)	--	3.359	0.662%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M9 008 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 15-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (KMSHEV)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	531.4					
ADRENAL(S)	--	0.060	0.011%	BRAIN	--	2.287	0.430%
HEART	--	1.693	0.319%	KIDNEY(S)	--	3.858	0.726%
LIVER	--	14.525	2.733%	SPLEEN	--	0.717	0.135%
TESTIS(ES)	--	3.282	0.618%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091M9 009 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 18-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	570.5					
ADRENAL(S)	--	0.060	0.011%	BRAIN	--	2.258	0.396%
HEART	--	1.774	0.311%	KIDNEY(S)	--	4.722	0.828%
LIVER	--	15.573	2.730%	SPLEEN	--	0.869	0.152%
TESTIS(ES)	--	3.665	0.642%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M9 010 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 19-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	532.8					
ADRENAL(S)	--	0.047	0.009%	BRAIN	--	2.217	0.416%
HEART	--	2.055	0.386%	KIDNEY(S)	--	3.876	0.727%
LIVER	--	15.186	2.850%	SPLEEN	--	0.720	0.135%
TESTIS(ES)	--	3.275	0.615%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M9 011 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 15-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	557.7					
ADRENAL(S)	--	0.085	0.015%	BRAIN	--	2.285	0.410%
HEART	--	2.167	0.389%	KIDNEY(S)	--	4.348	0.780%
LIVER	--	14.313	2.566%	SPLEEN	--	0.791	0.142%
TESTIS(ES)	--	3.912	0.701%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M9 012 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 19-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT -- 1.0
Note: body wt will be excluded from summary statistics

ADRENAL(S)	--	0.102	10.200%	BRAIN	--	2.250	225.000%
HEART	--	1.736	173.600%	KIDNEY(S)	--	4.554	455.400%
LIVER	--	15.833	1583.300%	SPLEEN	--	0.934	93.400%
TESTIS(ES)	--	3.322	332.200%				

=== G R O S S O B S E R V A T I O N S ===

LUNG
FOCUS, WHITE/GRAY -- RIGHT CAUDAL AND LEFT LUNG, PLEURA,
SEVERAL, < 0.1 - 0.1 CM, ROUND, DISCRETE AND WHITE.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M9 013 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 20-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	593.0					
ADRENAL(S)	--	0.061	0.010%	BRAIN	--	2.367	0.399%
HEART	--	1.854	0.313%	KIDNEY(S)	--	4.341	0.732%
LIVER	--	18.977	3.200%	SPLEEN	--	0.873	0.147%
TESTIS(ES)	--	4.021	0.678%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M9 014 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 15-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	493.2					
ADRENAL(S)	--	0.057	0.012%	BRAIN	--	2.203	0.447%
HEART	--	1.792	0.363%	KIDNEY(S)	--	3.908	0.792%
LIVER	--	12.908	2.617%	SPLEEN	--	0.854	0.173%
TESTIS(ES)	--	3.547	0.719%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M9 015 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 18-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	488.6					
ADRENAL(S)	--	0.074	0.015%	BRAIN	--	2.206	0.451%
HEART	--	1.860	0.381%	KIDNEY(S)	--	3.707	0.759%
LIVER	--	14.733	3.015%	SPLEEN	--	0.870	0.178%
TESTIS(ES)	--	3.599	0.737%				

--- GROSS OBSERVATIONS ---

LUNG
FOCUS, WHITE/GRAY -- RIGHT CAUDAL, PLEURA, SEVERAL, < 0.1 - 0.1 CM, ROUND, DISCRETE AND WHITE.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M9 016 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 18-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	548.1					
ADRENAL(S)	--	0.067	0.012%	BRAIN	--	2.277	0.415%
HEART	--	1.869	0.341%	KIDNEY(S)	--	4.261	0.777%
LIVER	--	13.098	2.390%	SPLEEN	--	0.823	0.150%
TESTIS(ES)	--	3.997	0.729%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M9 017 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 19-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	521.3					
ADRENAL(S)	--	0.059	0.011%	BRAIN	--	2.263	0.434%
HEART	--	1.808	0.347%	KIDNEY(S)	--	3.832	0.735%
LIVER	--	15.380	2.950%	SPLEEN	--	0.869	0.167%
TESTIS(ES)	--	3.195	0.613%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M9 018 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 19-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	509.6					
ADRENAL(S)	--	0.055	0.011%	BRAIN	--	2.146	0.421%
HEART	--	1.546	0.303%	KIDNEY(S)	--	3.777	0.741%
LIVER	--	14.696	2.884%	SPLEEN	--	0.931	0.183%
TESTIS(ES)	--	3.333	0.654%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M9 019 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 21-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	571.0					
ADRENAL(S)	--	0.058	0.010%	BRAIN	--	2.330	0.408%
HEART	--	2.070	0.363%	KIDNEY(S)	--	4.766	0.835%
LIVER	--	18.888	3.308%	SPLEEN	--	0.959	0.168%
TESTIS(ES)	--	3.699	0.648%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M9 020 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 22-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	542.6					
ADRENAL(S)	--	0.079	0.015%	BRAIN	--	2.239	0.413%
HEART	--	2.025	0.373%	KIDNEY(S)	--	3.548	0.654%
LIVER	--	13.952	2.571%	SPLEEN	--	0.897	0.165%
TESTIS(ES)	--	3.545	0.653%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M10 001 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	542.6					
ADRENAL(S)	--	0.052	0.010%	BRAIN	--	2.317	0.427%
HEART	--	1.801	0.332%	KIDNEY(S)	--	4.359	0.803%
LIVER	--	15.383	2.835%	SPLEEN	--	1.066	0.196%
TESTIS(ES)	--	3.768	0.694%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M10 002 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	411.3					
ADRENAL(S)	--	0.071	0.017%	BRAIN	--	2.124	0.516%
HEART	--	1.532	0.372%	KIDNEY(S)	--	3.146	0.765%
LIVER	--	10.973	2.668%	SPLEEN	--	0.622	0.151%
TESTIS(ES)	--	3.722	0.905%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M10 003 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 13-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	579.2					
ADRENAL(S)	--	0.082	0.014%	BRAIN	--	2.274	0.393%
HEART	--	1.974	0.341%	KIDNEY(S)	--	4.569	0.789%
LIVER	--	20.807	3.592%	SPLEEN	--	1.035	0.179%
TESTIS(ES)	--	3.332	0.575%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M10 004 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 14-SEP-2000

PROSECTOR : (CSBOLL)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	512.3					
ADRENAL(S)	--	0.067	0.013%	BRAIN	--	2.298	0.449%
HEART	--	1.877	0.366%	KIDNEY(S)	--	4.021	0.785%
LIVER	--	13.520	2.639%	SPLEEN	--	0.787	0.154%
TESTIS(ES)	--	3.620	0.707%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M10 005 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 14-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	544.5					
ADRENAL(S)	--	0.046	0.008%	BRAIN	--	2.289	0.420%
HEART	--	1.755	0.322%	KIDNEY(S)	--	4.248	0.780%
LIVER	--	14.442	2.652%	SPLEEN	--	0.893	0.164%
TESTIS(ES)	--	3.664	0.673%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M10 006 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 14-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	572.1					
ADRENAL(S)	--	0.050	0.009%	BRAIN	--	2.221	0.388%
HEART	--	1.705	0.298%	KIDNEY(S)	--	4.057	0.709%
LIVER	--	16.382	2.863%	SPLEEN	--	1.120	0.196%
TESTIS(ES)	--	3.669	0.641%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M10 007 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 15-SEP-2000

PROSECTOR : (CSBOLL)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	575.3					
ADRENAL(S)	--	0.065	0.011%	BRAIN	--	2.448	0.426%
HEART	--	1.850	0.322%	KIDNEY(S)	--	4.120	0.716%
LIVER	--	15.095	2.624%	SPLEEN	--	0.670	0.116%
TESTIS(ES)	--	3.764	0.654%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M10 008 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 15-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (KMSHEV)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	580.6					
ADRENAL(S)	--	0.065	0.011%	BRAIN	--	2.343	0.404%
HEART	--	1.690	0.291%	KIDNEY(S)	--	4.003	0.689%
LIVER	--	16.144	2.781%	SPLEEN	--	0.853	0.147%
TESTIS(ES)	--	3.777	0.651%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M10 009 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 18-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	555.9					
ADRENAL(S)	--	0.064	0.012%	BRAIN	--	2.253	0.405%
HEART	--	1.870	0.336%	KIDNEY(S)	--	3.751	0.675%
LIVER	--	16.956	3.050%	SPLEEN	--	0.791	0.142%
TESTIS(ES)	--	3.708	0.667%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091M10 010 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 19-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	570.5					
ADRENAL(S)	--	0.060	0.011%	BRAIN	--	2.210	0.387%
HEART	--	2.064	0.362%	KIDNEY(S)	--	4.863	0.852%
LIVER	--	17.439	3.057%	SPLEEN	--	1.063	0.186%
TESTIS(ES)	--	3.680	0.645%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M10 011 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 15-SEP-2000

PROSECTOR : (CSBOLL)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	533.9					
ADRENAL(S)	--	0.061	0.011%	BRAIN	--	2.418	0.453%
HEART	--	1.846	0.346%	KIDNEY(S)	--	4.171	0.781%
LIVER	--	15.634	2.928%	SPLEEN	--	0.882	0.165%
TESTIS(ES)	--	3.786	0.709%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M10 012 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 19-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	556.0					
ADRENAL(S)	--	0.070	0.013%	BRAIN	--	2.158	0.388%
HEART	--	2.156	0.388%	KIDNEY(S)	--	4.553	0.819%
LIVER	--	17.055	3.067%	SPLEEN	--	0.789	0.142%
TESTIS(ES)	--	3.433	0.617%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M10 013 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 20-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	625.6					
ADRENAL(S)	--	0.058	0.009%	BRAIN	--	2.390	0.382%
HEART	--	1.993	0.319%	KIDNEY(S)	--	4.332	0.692%
LIVER	--	18.965	3.031%	SPLEEN	--	0.861	0.138%
TESTIS(ES)	--	3.506	0.560%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091M10 014 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 15-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	526.3					
ADRENAL(S)	--	0.049	0.009%	BRAIN	--	2.382	0.453%
HEART	--	1.888	0.359%	KIDNEY(S)	--	4.600	0.874%
LIVER	--	14.425	2.741%	SPLEEN	--	0.822	0.156%
TESTIS(ES)	--	3.780	0.718%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M10 015 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 18-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	567.7					
ADRENAL(S)	--	0.064	0.011%	BRAIN	--	2.378	0.419%
HEART	--	1.588	0.280%	KIDNEY(S)	--	4.560	0.803%
LIVER	--	16.471	2.901%	SPLEEN	--	0.892	0.157%
TESTIS(ES)	--	3.641	0.641%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M10 016 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 18-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	469.7					
ADRENAL(S)	--	0.082	0.017%	BRAIN	--	2.350	0.500%
HEART	--	1.827	0.389%	KIDNEY(S)	--	3.926	0.836%
LIVER	--	12.530	2.668%	SPLEEN	--	1.022	0.218%
TESTIS(ES)	--	3.525	0.750%				

=== GROSS OBSERVATIONS ===

EYE(S)
ABNORMAL DISCHARGE/ENCRUSTATION -- BILATERAL, PERIORBITAL, DARK RED.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M10 017 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 19-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	541.2					
ADRENAL(S)	--	0.045	0.008%	BRAIN	--	2.251	0.416%
HEART	--	1.858	0.343%	KIDNEY(S)	--	4.090	0.756%
LIVER	--	13.793	2.549%	SPLEEN	--	0.924	0.171%
TESTIS(ES)	--	3.893	0.719%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M10 018 SEX: MALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 19-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	472.9					
ADRENAL(S)	--	0.061	0.013%	BRAIN	---	2.126	0.450%
HEART	--	1.682	0.356%	KIDNEY(S)	--	3.503	0.741%
LIVER	--	14.067	2.975%	SPLEEN	--	0.836	0.177%
TESTIS(ES)	--	3.333	0.705%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M10 019 SEX: MALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 21-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	502.4					
ADRENAL(S)	--	0.057	0.011%	BRAIN	--	2.311	0.460%
HEART	--	1.720	0.342%	KIDNEY(S)	--	4.592	0.914%
LIVER	--	14.143	2.815%	SPLEEN	--	0.824	0.164%
TESTIS(ES)	--	3.854	0.767%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091M10 020 SEX: MALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 22-SEP-2000

PROSECTOR : (CSBOLL)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	565.5					
ADRENAL(S)	--	0.074	0.013%	BRAIN	--	2.333	0.413%
HEART	--	1.675	0.296%	KIDNEY(S)	--	4.232	0.748%
LIVER	--	17.224	3.046%	SPLEEN	--	0.858	0.152%
TESTIS(ES)	--	3.545	0.627%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F1 001 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 19-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	277.7					
ADRENAL(S)	--	0.082	0.030%	BRAIN	--	2.033	0.732%
HEART	--	1.085	0.391%	KIDNEY(S)	--	2.171	0.782%
LIVER	--	7.310	2.632%	OVARY(IES)	--	0.112	0.040%
SPLEEN	--	0.489	0.176%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F1 002 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 19-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	258.4					
ADRENAL(S)	--	0.071	0.027%	BRAIN	--	2.019	0.781%
HEART	--	0.970	0.375%	KIDNEY(S)	--	2.102	0.813%
LIVER	--	7.047	2.727%	OVARY(IES)	--	0.139	0.054%
SPLEEN	--	0.524	0.203%				

=== G R O S S O B S E R V A T I O N S ===

KIDNEY(S)
DILATED PELVIS -- LEFT; MODERATE.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F1 003 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 22-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	251.9					
ADRENAL(S)	--	0.076	0.030%	BRAIN	--	2.044	0.811%
HEART	--	1.108	0.440%	KIDNEY(S)	--	2.111	0.838%
LIVER	--	8.279	3.287%	OVARY(IES)	--	0.121	0.048%
SPLEEN	--	0.568	0.225%				

=== G R O S S O B S E R V A T I O N S ===

LUNG
FOCUS, WHITE/GRAY -- MOST LOBES, PLEURA, MULTPLE, < 0.1 -
0.1 CM, ROUND, DISCRETE AND WHITE.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F1 004 SEX: FEMALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 25-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (KMSHEV)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	271.4					
ADRENAL(S)	--	0.063	0.023%	BRAIN	--	2.084	0.768%
HEART	--	1.025	0.378%	KIDNEY(S)	--	2.101	0.774%
LIVER	--	8.640	3.183%	OVARY(IES)	--	0.107	0.039%
SPLEEN	--	0.501	0.185%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091F1 005 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 20-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	255.2					
ADRENAL(S)	--	0.071	0.028%	BRAIN	--	1.958	0.767%
HEART	--	1.177	0.461%	KIDNEY(S)	--	2.051	0.804%
LIVER	--	7.402	2.900%	OVARY(IES)	--	0.125	0.049%
SPLEEN	--	0.419	0.164%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F1 006 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 20-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	333.3					
ADRENAL(S)	--	0.050	0.015%	BRAIN	--	1.884	0.565%
HEART	--	1.258	0.377%	KIDNEY(S)	--	2.616	0.785%
LIVER	--	8.732	2.620%	OVARY(IES)	--	0.147	0.044%
SPLEEN	--	0.496	0.149%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F1 007 SEX: FEMALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 25-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (KMSHEV)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	300.9					
ADRENAL(S)	--	0.093	0.031%	BRAIN	--	2.030	0.675%
HEART	--	1.162	0.386%	KIDNEY(S)	--	1.958	0.651%
LIVER	--	9.369	3.114%	OVARY(IES)	--	0.112	0.037%
SPLEEN	--	0.518	0.172%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F1 008 SEX: FEMALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 26-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (CSBOLL)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	270.6					
ADRENAL(S)	--	0.058	0.021%	BRAIN	--	2.092	0.773%
HEART	--	0.979	0.362%	KIDNEY(S)	--	1.939	0.717%
LIVER	--	7.940	2.934%	OVARY(IES)	--	0.125	0.046%
SPLEEN	--	0.558	0.206%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F1 009 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 26-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (CSBOLL)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	286.7					
ADRENAL(S)	--	0.078	0.027%	BRAIN	--	1.998	0.697%
HEART	--	1.099	0.383%	KIDNEY(S)	--	2.069	0.722%
LIVER	--	8.291	2.892%	OVARY(IES)	--	0.142	0.050%
SPLEEN	--	0.517	0.180%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F1 010 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 26-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (CSBOLL)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	314.8					
ADRENAL(S)	--	0.087	0.028%	BRAIN	--	2.020	0.642%
HEART	--	1.046	0.332%	KIDNEY(S)	--	2.417	0.768%
LIVER	--	11.655	3.702%	OVARY(IES)	--	0.184	0.058%
SPLEEN	--	0.537	0.171%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F1 011 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 20-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	264.2					
ADRENAL(S)	--	0.068	0.026%	BRAIN	--	2.098	0.794%
HEART	--	1.046	0.396%	KIDNEY(S)	--	2.256	0.854%
LIVER	--	7.340	2.778%	OVARY(IES)	--	0.135	0.051%
SPLEEN	--	0.645	0.244%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F1 012 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 27-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	288.9					
ADRENAL(S)	--	0.074	0.026%	BRAIN	--	2.090	0.723%
HEART	--	1.087	0.376%	KIDNEY(S)	--	1.940	0.672%
LIVER	--	8.007	2.772%	OVARY(IES)	--	0.148	0.051%
SPLEEN	--	0.512	0.177%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F1 013 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 27-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	289.3					
ADRENAL(S)	--	0.062	0.021%	BRAIN	--	2.139	0.739%
HEART	--	1.245	0.430%	KIDNEY(S)	--	2.238	0.774%
LIVER	--	7.478	2.585%	OVARY(IES)	--	0.146	0.050%
SPLEEN	--	0.503	0.174%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F1 014 SEX: FEMALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 21-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	285.6					
ADRENAL(S)	--	0.085	0.030%	BRAIN	--	1.961	0.687%
HEART	--	0.933	0.327%	KIDNEY(S)	--	2.170	0.760%
LIVER	--	7.491	2.623%	OVARY(IES)	--	0.149	0.052%
SPLEEN	--	0.426	0.149%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F1 015 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 21-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	306.4					
ADRENAL(S)	--	0.071	0.023%	BRAIN	--	2.005	0.654%
HEART	--	1.197	0.391%	KIDNEY(S)	--	2.400	0.783%
LIVER	--	7.914	2.583%	OVARY(IES)	--	0.126	0.041%
SPLEEN	--	0.566	0.185%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F1 016 SEX: FEMALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 22-SEP-2000

PROSECTOR : (CSBOLL)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	253.5					
ADRENAL(S)	--	0.081	0.032%	BRAIN	--	2.084	0.822%
HEART	--	1.047	0.413%	KIDNEY(S)	--	2.132	0.841%
LIVER	--	8.273	3.264%	OVARY(IES)	--	0.152	0.060%
SPLEEN	--	0.486	0.192%				

=== G R O S S O B S E R V A T I O N S ===

KIDNEY(S)
CYST -- LEFT, SEROSA AND PARENCHYMA, ~ 0.2 CM; FILLED WITH CLEAR FLUID.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091F1 017 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 25-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (KMSHEV)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	294.8					
ADRENAL(S)	--	0.092	0.031%	BRAIN	--	2.095	0.711%
HEART	--	1.124	0.381%	KIDNEY(S)	--	2.255	0.765%
LIVER	--	8.855	3.004%	OVARY(IES)	--	0.156	0.053%
SPLEEN	--	0.631	0.214%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F1 018 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 25-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (KMSHEV)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	234.7					
ADRENAL(S)	--	0.062	0.026%	BRAIN	--	1.859	0.792%
HEART	--	1.033	0.440%	KIDNEY(S)	--	2.234	0.952%
LIVER	--	7.675	3.270%	OVARY(IES)	--	0.078	0.033%
SPLEEN	--	0.374	0.159%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F1 019 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 27-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ---

TERMINAL BODY WEIGHT	--	292.0					
ADRENAL(S)	--	0.062	0.021%	BRAIN	--	2.092	0.716%
HEART	--	1.122	0.384%	KIDNEY(S)	--	2.236	0.766%
LIVER	--	8.053	2.758%	OVARY(IES)	--	0.147	0.050%
SPLEEN	--	0.638	0.218%				

--- G R O S S O B S E R V A T I O N S ---

UTERUS
ENLARGED/DILATED/DISTENDED -- BILATERAL HORNS, ~ 0.7 CM;
FILLED WITH CLEAR FLUID.

--- M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091F1 020 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 27-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	271.0					
ADRENAL(S)	--	0.058	0.021%	BRAIN	--	2.001	0.738%
HEART	--	0.989	0.365%	KIDNEY(S)	--	2.129	0.786%
LIVER	--	7.640	2.819%	OVARY(IES)	--	0.124	0.046%
SPLEEN	--	0.531	0.196%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F2 001 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 19-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ---

TERMINAL BODY WEIGHT	--	271.9					
ADRENAL(S)	--	0.053	0.019%	BRAIN	--	2.065	0.759%
HEART	--	1.063	0.391%	KIDNEY(S)	--	2.176	0.800%
LIVER	--	7.416	2.727%	OVARY(IES)	--	0.137	0.050%
SPLEEN	--	0.519	0.191%				

--- G R O S S O B S E R V A T I O N S ---

N O G R O S S A B N O R M A L I T I E S.

--- M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F2 002 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 20-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	283.6					
ADRENAL(S)	--	0.073	0.026%	BRAIN	--	1.896	0.669%
HEART	--	1.232	0.434%	KIDNEY(S)	--	2.132	0.752%
LIVER	--	7.595	2.678%	OVARY(IES)	--	0.139	0.049%
SPLEEN	--	0.571	0.201%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F2 003 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 22-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	305.9					
ADRENAL(S)	--	0.057	0.019%	BRAIN	--	2.006	0.656%
HEART	--	1.082	0.354%	KIDNEY(S)	--	2.181	0.713%
LIVER	--	7.752	2.534%	OVARY(IES)	--	0.130	0.042%
SPLEEN	--	0.502	0.164%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F2 004 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 25-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (KMSHEV)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	270.3					
ADRENAL(S)	--	0.062	0.023%	BRAIN	--	1.827	0.676%
HEART	--	0.957	0.354%	KIDNEY(S)	--	2.158	0.798%
LIVER	--	8.148	3.014%	OVARY(IES)	--	0.120	0.044%
SPLEEN	--	0.590	0.218%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F2 005 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 19-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	320.9					
ADRENAL(S)	--	0.074	0.023%	BRAIN	--	1.972	0.615%
HEART	--	1.205	0.376%	KIDNEY(S)	--	2.633	0.821%
LIVER	--	9.111	2.839%	OVARY(IES)	--	0.149	0.046%
SPLEEN	--	0.707	0.220%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F2 006 SEX: FEMALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 20-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	290.0					
ADRENAL(S)	--	0.071	0.024%	BRAIN	--	2.142	0.739%
HEART	--	1.113	0.384%	KIDNEY(S)	--	2.389	0.824%
LIVER	--	7.449	2.569%	OVARY(IES)	--	0.127	0.044%
SPLEEN	--	0.490	0.169%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091F2 007 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 25-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (KMSHEV)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	234.1		BRAIN	--	1.990	0.850%
ADRENAL(S)	--	0.077	0.033%	KIDNEY(S)	--	1.930	0.824%
HEART	--	1.076	0.460%	OVARY(IES)	--	0.120	0.051%
LIVER	--	6.947	2.968%				
SPLEEN	--	0.529	0.226%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F2 008 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 26-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (CSBOLL)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	276.8					
ADRENAL(S)	--	0.085	0.031%	BRAIN	--	2.016	0.728%
HEART	--	1.172	0.423%	KIDNEY(S)	--	2.159	0.780%
LIVER	--	8.379	3.027%	OVARY(IES)	--	0.186	0.067%
SPLEEN	--	0.455	0.164%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091F2 009 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 26-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (CSBOLL)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	287.4					
ADRENAL(S)	--	0.084	0.029%	BRAIN	--	2.039	0.709%
HEART	--	1.140	0.397%	KIDNEY(S)	--	2.248	0.782%
LIVER	--	8.005	2.785%	OVARY(IES)	--	0.107	0.037%
SPLEEN	--	0.526	0.183%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F2 010 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 26-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (CSBOLL)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	334.6					
ADRENAL(S)	--	0.093	0.028%	BRAIN	--	2.093	0.626%
HEART	--	1.197	0.358%	KIDNEY(S)	--	2.622	0.784%
LIVER	--	13.238	3.956%	OVARY(IES)	--	0.144	0.043%
SPLEEN	--	0.849	0.254%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F2 011 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 20-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	334.6					
ADRENAL(S)	--	0.064	0.019%	BRAIN	--	1.938	0.579%
HEART	--	1.144	0.342%	KIDNEY(S)	--	2.498	0.747%
LIVER	--	8.947	2.674%	OVARY(IES)	--	0.168	0.050%
SPLEEN	--	0.592	0.177%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F2 012 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 27-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	301.4					
ADRENAL(S)	--	0.085	0.028%	BRAIN	--	2.036	0.676%
HEART	--	1.066	0.354%	KIDNEY(S)	--	2.221	0.737%
LIVER	--	9.384	3.113%	OVARY(IES)	--	0.193	0.064%
SPLEEN	--	0.665	0.221%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F2 013 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 27-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	279.4					
ADRENAL(S)	--	0.079	0.028%	BRAIN	--	2.124	0.760%
HEART	--	1.006	0.360%	KIDNEY(S)	--	2.371	0.849%
LIVER	--	8.007	2.866%	OVARY(IES)	--	0.117	0.042%
SPLEEN	--	0.562	0.201%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F2 014 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 21-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

ORGAN WEIGHTS (GM) and % BODY WEIGHT

TERMINAL BODY WEIGHT	--	295.0					
ADRENAL(S)	--	0.079	0.027%	BRAIN	--	2.035	0.690%
HEART	--	1.118	0.379%	KIDNEY(S)	--	2.316	0.785%
LIVER	--	8.131	2.756%	OVARY(IES)	--	0.153	0.052%
SPLEEN	--	0.454	0.154%				

GROSS OBSERVATIONS

NO GROSS ABNORMALITIES.

MICROSCOPIC TISSUE OBSERVATIONS

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091F2 015 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 21-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	347.5					
ADRENAL(S)	--	0.077	0.022%	BRAIN	--	2.073	0.597%
HEART	--	1.249	0.359%	KIDNEY(S)	--	2.515	0.724%
LIVER	--	9.626	2.770%	OVARY(IES)	--	0.128	0.037%
SPLEEN	--	0.600	0.173%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F2 016 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 22-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	328.8					
ADRENAL(S)	--	0.064	0.019%	BRAIN	--	2.032	0.618%
HEART	--	1.139	0.346%	KIDNEY(S)	--	2.373	0.722%
LIVER	--	8.657	2.633%	OVARY(IES)	--	0.154	0.047%
SPLEEN	--	0.498	0.151%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091F2 017 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 25-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (KMSHEV)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	302.2					
ADRENAL(S)	--	0.082	0.027%	BRAIN	--	2.022	0.669%
HEART	--	1.104	0.365%	KIDNEY(S)	--	2.215	0.733%
LIVER	--	7.882	2.608%	OVARY(IES)	--	0.140	0.046%
SPLEEN	--	0.628	0.208%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F2 018 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 25-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (KMSHEV)
GROSS DATA ENTRY: (JGNAPI)

--- O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ---

TERMINAL BODY WEIGHT	--	296.8					
ADRENAL(S)	--	0.080	0.027%	BRAIN	--	2.026	0.683%
HEART	--	1.070	0.361%	KIDNEY(S)	--	1.941	0.654%
LIVER	--	7.966	2.684%	OVARY(IES)	--	0.137	0.046%
SPLEEN	--	0.535	0.180%				

--- G R O S S O B S E R V A T I O N S ---

N O G R O S S A B N O R M A L I T I E S.

--- M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F2 019 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 27-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	280.8					
ADRENAL(S)	--	0.064	0.023%	BRAIN	--	2.164	0.771%
HEART	--	1.067	0.380%	KIDNEY(S)	--	2.294	0.817%
LIVER	--	8.582	3.056%	OVARY(IES)	--	0.142	0.051%
SPLEEN	--	0.617	0.220%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F2 020 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 27-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ---

TERMINAL BODY WEIGHT	--	313.8					
ADRENAL(S)	--	0.085	0.027%	BRAIN	--	2.071	0.660%
HEART	--	1.369	0.436%	KIDNEY(S)	--	2.693	0.858%
LIVER	--	11.182	3.563%	OVARY(IES)	--	0.184	0.059%
SPLEEN	--	0.712	0.227%				

--- G R O S S O B S E R V A T I O N S ---

N O G R O S S A B N O R M A L I T I E S.

--- M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F3 001 SEX: FEMALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 19-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	259.9					
ADRENAL(S)	--	0.082	0.032%	BRAIN	--	1.923	0.740%
HEART	--	0.977	0.376%	KIDNEY(S)	--	1.928	0.742%
LIVER	--	7.031	2.705%	OVARY(IES)	--	0.107	0.041%
SPLEEN	--	0.538	0.207%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F3 002 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 20-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	301.4					
ADRENAL(S)	--	0.080	0.027%	BRAIN	--	2.147	0.712%
HEART	--	1.251	0.415%	KIDNEY(S)	--	2.440	0.810%
LIVER	--	8.665	2.875%	OVARY(IES)	--	0.148	0.049%
SPLEEN	--	0.509	0.169%				

--- GROSS OBSERVATIONS ---

UTERUS
ENLARGED/DILATED/DISTENDED -- BILATERAL HORNS, ~ 0.6 CM;
FILLED WITH CLEAR FLUID.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F3 003 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 22-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	257.7					
ADRENAL(S)	--	0.055	0.021%	BRAIN	--	1.957	0.759%
HEART	--	0.987	0.383%	KIDNEY(S)	--	1.907	0.740%
LIVER	--	8.036	3.118%	OVARY(IES)	--	0.183	0.071%
SPLEEN	--	0.489	0.190%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F3 004 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 25-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (KMSHEV)
GROSS DATA ENTRY: (JGNAPI)

--- O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ---

TERMINAL BODY WEIGHT	--	291.1					
ADRENAL(S)	--	0.065	0.022%	BRAIN	--	1.971	0.677%
HEART	--	1.170	0.402%	KIDNEY(S)	--	2.421	0.832%
LIVER	--	8.275	2.843%	OVARY(IES)	--	0.170	0.058%
SPLEEN	--	0.588	0.202%				

--- G R O S S O B S E R V A T I O N S ---

OVARY(IES)
CYST -- RIGHT, ~ 0.2 CM; FILLED WITH DARK RED FLUID.

--- M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F3 005 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 20-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	303.8					
ADRENAL(S)	--	0.079	0.026%	BRAIN	--	2.065	0.680%
HEART	--	1.180	0.388%	KIDNEY(S)	--	2.511	0.827%
LIVER	--	10.168	3.347%	OVARY(IES)	--	0.138	0.045%
SPLEEN	--	0.595	0.196%				

=== G R O S S O B S E R V A T I O N S ===

PITUITARY
FOCUS, BROWN/YELLOW/TAN -- PARS DISTALIS, ~ 0.2 CM, TAN,
DISCRETE AND SLIGHTLY RAISED.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F3 006 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 20-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	272.0					
ADRENAL(S)	--	0.063	0.023%	BRAIN	--	1.860	0.684%
HEART	--	1.043	0.383%	KIDNEY(S)	--	1.975	0.726%
LIVER	--	7.101	2.611%	OVARY(IES)	--	0.140	0.051%
SPLEEN	--	0.402	0.148%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F3 007 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 25-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (KMSHEV)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	263.9					
ADRENAL(S)	--	0.071	0.027%	BRAIN	--	1.990	0.754%
HEART	--	0.983	0.372%	KIDNEY(S)	--	1.718	0.651%
LIVER	--	6.497	2.462%	OVARY(IES)	--	0.098	0.037%
SPLEEN	--	0.408	0.155%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F3 008 SEX: FEMALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 26-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (CSBOLL)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	288.8					
ADRENAL(S)	--	0.088	0.030%	BRAIN	--	1.997	0.691%
HEART	--	1.082	0.375%	KIDNEY(S)	--	2.242	0.776%
LIVER	--	11.307	3.915%	OVARY(IES)	--	0.143	0.050%
SPLEEN	--	0.624	0.216%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F3 009 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 26-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (CSBOLL)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	282.2					
ADRENAL(S)	--	0.069	0.024%	BRAIN	--	2.017	0.715%
HEART	--	1.020	0.361%	KIDNEY(S)	--	2.030	0.719%
LIVER	--	7.503	2.659%	OVARY(IES)	--	0.089	0.032%
SPLEEN	--	0.607	0.215%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F3 010 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 26-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (CSBOLL)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	294.5					
ADRENAL(S)	--	0.072	0.024%	BRAIN	--	1.955	0.664%
HEART	--	1.054	0.358%	KIDNEY(S)	--	2.441	0.829%
LIVER	--	11.056	3.754%	OVARY(IES)	--	0.154	0.052%
SPLEEN	--	0.472	0.160%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F3 011 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 21-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	300.5					
ADRENAL(S)	--	0.074	0.025%	BRAIN	--	1.925	0.641%
HEART	--	1.069	0.356%	KIDNEY(S)	--	2.276	0.757%
LIVER	--	10.162	3.382%	OVARY(IES)	--	0.119	0.040%
SPLEEN	--	0.581	0.193%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F3 012 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 27-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	264.6					
ADRENAL(S)	--	0.064	0.024%	BRAIN	--	1.973	0.746%
HEART	--	1.051	0.397%	KIDNEY(S)	--	2.143	0.810%
LIVER	--	7.752	2.930%	OVARY(IES)	--	0.136	0.051%
SPLEEN	--	0.531	0.201%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091F3 013 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 27-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	291.4		BRAIN	--	1.983	0.681%
ADRENAL(S)	--	0.076	0.026%	KIDNEY(S)	--	2.204	0.756%
HEART	--	1.031	0.354%	OVARY(IES)	--	0.141	0.048%
LIVER	--	7.858	2.697%				
SPLEEN	--	0.570	0.196%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F3 014 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 21-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	309.3					
ADRENAL(S)	--	0.077	0.025%	BRAIN	--	1.983	0.641%
HEART	--	1.156	0.374%	KIDNEY(S)	--	2.188	0.707%
LIVER	--	8.595	2.779%	OVARY(IES)	--	0.164	0.053%
SPLEEN	--	0.586	0.189%				

--- GROSS OBSERVATIONS ---

LUNG
FOCUS, WHITE/GRAY -- RIGHT CAUDAL AND LEFT LUNG, PLEURA, FEW,
< 0.1 - 0.1 CM, ROUND, DISCRETE AND WHITE.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F3 015 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 22-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	308.2					
ADRENAL(S)	--	0.091	0.030%	BRAIN	--	1.953	0.634%
HEART	--	1.221	0.396%	KIDNEY(S)	--	2.586	0.839%
LIVER	--	9.791	3.177%	OVARY(IES)	--	0.131	0.043%
SPLEEN	--	0.500	0.162%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F3 016 SEX: FEMALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 22-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	266.7					
ADRENAL(S)	--	0.068	0.025%	BRAIN	--	1.930	0.724%
HEART	--	1.139	0.427%	KIDNEY(S)	--	2.319	0.870%
LIVER	--	8.206	3.077%	OVARY(IES)	--	0.106	0.040%
SPLEEN	--	0.575	0.216%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F3 017 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 25-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (KMSHEV)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	289.9					
ADRENAL(S)	--	0.066	0.023%	BRAIN	--	2.043	0.705%
HEART	--	1.065	0.367%	KIDNEY(S)	--	2.066	0.713%
LIVER	--	7.283	2.512%	OVARY(IES)	--	0.114	0.039%
SPLEEN	--	0.490	0.169%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F3 018 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 25-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (KMSHEV)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	256.1					
ADRENAL(S)	--	0.065	0.025%	BRAIN	--	1.855	0.724%
HEART	--	0.985	0.385%	KIDNEY(S)	--	1.765	0.689%
LIVER	--	6.857	2.677%	OVARY(IES)	--	0.128	0.050%
SPLEEN	--	0.536	0.209%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091F3 019 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 27-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	295.3					
ADRENAL(S)	--	0.064	0.022%	BRAIN	--	1.916	0.649%
HEART	--	1.108	0.375%	KIDNEY(S)	--	2.270	0.769%
LIVER	--	8.671	2.936%	OVARY(IES)	--	0.121	0.041%
SPLEEN	--	0.532	0.180%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F3 020 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 27-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	267.1					
ADRENAL(S)	--	0.079	0.030%	BRAIN	--	2.034	0.762%
HEART	--	1.121	0.420%	KIDNEY(S)	--	2.213	0.829%
LIVER	--	8.827	3.305%	OVARY(IES)	--	0.097	0.036%
SPLEEN	--	0.575	0.215%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F4 001 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 19-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	329.4		BRAIN	--	2.016	0.612%
ADRENAL(S)	--	0.076	0.023%	KIDNEY(S)	--	2.219	0.674%
HEART	--	1.107	0.336%	OVARY(IES)	--	0.137	0.042%
LIVER	--	8.790	2.668%				
SPLEEN	--	0.618	0.188%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F4 002 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 20-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	253.6					
ADRENAL(S)	--	0.080	0.032%	BRAIN	--	1.946	0.767%
HEART	--	1.035	0.408%	KIDNEY(S)	--	1.893	0.746%
LIVER	--	7.078	2.791%	OVARY(IES)	--	0.106	0.042%
SPLEEN	--	0.529	0.209%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091F4 003 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 22-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	291.4					
ADRENAL(S)	--	0.060	0.021%	BRAIN	--	2.037	0.699%
HEART	--	1.182	0.406%	KIDNEY(S)	--	2.321	0.796%
LIVER	--	7.658	2.628%	OVARY(IES)	--	0.165	0.057%
SPLEEN	--	0.516	0.177%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F4 004 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 25-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (KMSHEV)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	293.9					
ADRENAL(S)	--	0.062	0.021%	BRAIN	--	1.975	0.672%
HEART	--	1.006	0.342%	KIDNEY(S)	--	2.238	0.761%
LIVER	--	7.859	2.674%	OVARY(IES)	--	0.115	0.039%
SPLEEN	--	0.476	0.162%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F4 005 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 20-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	302.2					
ADRENAL(S)	--	0.091	0.030%	BRAIN	--	2.011	0.665%
HEART	--	1.053	0.348%	KIDNEY(S)	--	2.537	0.840%
LIVER	--	8.550	2.829%	OVARY(IES)	--	0.136	0.045%
SPLEEN	--	0.591	0.196%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F4 006 SEX: FEMALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 20-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	287.6					
ADRENAL(S)	--	0.067	0.023%	BRAIN	--	2.026	0.704%
HEART	--	1.085	0.377%	KIDNEY(S)	--	2.324	0.808%
LIVER	--	8.719	3.032%	OVARY(IES)	--	0.140	0.049%
SPLEEN	--	0.623	0.217%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F4 007 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 25-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (KMSHEV)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	250.7					
ADRENAL(S)	--	0.055	0.022%	BRAIN	--	2.066	0.824%
HEART	--	0.984	0.393%	KIDNEY(S)	--	1.938	0.773%
LIVER	--	7.212	2.877%	OVARY(IES)	--	0.143	0.057%
SPLEEN	--	0.432	0.172%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F4 008 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 26-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (CSBOLL)
GROSS DATA ENTRY: (kmshev)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	269.2					
ADRENAL(S)	--	0.080	0.030%	BRAIN	--	1.997	0.742%
HEART	--	0.994	0.369%	KIDNEY(S)	--	2.201	0.818%
LIVER	--	8.673	3.222%	OVARY(IES)	--	0.085	0.032%
SPLEEN	--	0.575	0.214%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F4 009 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 26-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (CSBOLL)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	310.6					
ADRENAL(S)	--	0.079	0.025%	BRAIN	--	2.027	0.653%
HEART	--	1.083	0.349%	KIDNEY(S)	--	2.305	0.742%
LIVER	--	8.805	2.835%	OVARY(IES)	--	0.141	0.045%
SPLEEN	--	0.563	0.181%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F4 010 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 26-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (CSBOLL)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	311.0					
ADRENAL(S)	--	0.077	0.025%	BRAIN	--	2.038	0.655%
HEART	--	1.139	0.366%	KIDNEY(S)	--	2.139	0.688%
LIVER	--	10.302	3.313%	OVARY(IES)	--	0.137	0.044%
SPLEEN	--	0.467	0.150%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F4 011 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 21-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	295.7					
ADRENAL(S)	--	0.081	0.027%	BRAIN	--	2.121	0.717%
HEART	--	1.061	0.359%	KIDNEY(S)	--	2.322	0.785%
LIVER	--	9.228	3.121%	OVARY(IES)	--	0.173	0.059%
SPLEEN	--	0.506	0.171%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F4 012 SEX: FEMALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 27-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	320.9					
ADRENAL(S)	--	0.084	0.026%	BRAIN	--	2.130	0.664%
HEART	--	1.068	0.333%	KIDNEY(S)	--	2.793	0.870%
LIVER	--	9.457	2.947%	OVARY(IES)	--	0.190	0.059%
SPLEEN	--	0.596	0.186%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F4 013 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 27-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	288.6					
ADRENAL(S)	--	0.099	0.034%	BRAIN	--	2.086	0.723%
HEART	--	1.084	0.376%	KIDNEY(S)	--	2.446	0.848%
LIVER	--	8.008	2.775%	OVARY(IES)	--	0.128	0.044%
SPLEEN	--	0.524	0.182%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F4 014 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 21-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	281.5					
ADRENAL(S)	--	0.075	0.027%	BRAIN	--	1.963	0.697%
HEART	--	1.108	0.394%	KIDNEY(S)	--	2.408	0.855%
LIVER	--	8.460	3.005%	OVARY(IES)	--	0.120	0.043%
SPLEEN	--	0.580	0.206%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F4 015 SEX: FEMALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 22-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	292.2					
ADRENAL(S)	--	0.093	0.032%	BRAIN	--	1.972	0.675%
HEART	--	1.253	0.429%	KIDNEY(S)	--	2.241	0.767%
LIVER	--	8.481	2.902%	OVARY(IES)	--	0.161	0.055%
SPLEEN	--	0.447	0.153%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F4 016 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 22-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	265.8					
ADRENAL(S)	--	0.071	0.027%	BRAIN	--	2.007	0.755%
HEART	--	1.032	0.388%	KIDNEY(S)	--	2.334	0.878%
LIVER	--	8.547	3.216%	OVARY(IES)	--	0.092	0.035%
SPLEEN	--	0.444	0.167%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F4 017 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 25-SEP-2000
PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (KMSHEV)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	256.9					
ADRENAL(S)	--	0.070	0.027%	BRAIN	--	1.961	0.763%
HEART	--	0.980	0.381%	KIDNEY(S)	--	1.884	0.733%
LIVER	--	7.792	3.033%	OVARY(IES)	--	0.136	0.053%
SPLEEN	--	0.428	0.167%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F4 018 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 25-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (KMSHEV)
GROSS DATA ENTRY: (JGNAPI)

--- O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ---

TERMINAL BODY WEIGHT	--	295.6					
ADRENAL(S)	--	0.071	0.024%	BRAIN	--	1.907	0.645%
HEART	--	1.196	0.405%	KIDNEY(S)	--	2.248	0.760%
LIVER	--	7.637	2.584%	OVARY(IES)	--	0.134	0.045%
SPLEEN	--	0.661	0.224%				

--- G R O S S O B S E R V A T I O N S ---

LUNG
FOCUS, WHITE/GRAY -- RIGHT CAUDAL AND LEFT LUNG, PLEURA,
SEVERAL, < 0.1 - 0.1 CM, ROUND, DISCRETE AND WHITE.+

--- M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F4 019 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 27-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	270.7					
ADRENAL(S)	--	0.060	0.022%	BRAIN	--	2.097	0.775%
HEART	--	1.053	0.389%	KIDNEY(S)	--	2.279	0.842%
LIVER	--	8.565	3.164%	OVARY(IES)	--	0.141	0.052%
SPLEEN	--	0.569	0.210%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F4 020 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 27-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	311.5					
ADRENAL(S)	--	0.097	0.031%	BRAIN	--	2.188	0.702%
HEART	--	1.190	0.382%	KIDNEY(S)	--	2.624	0.842%
LIVER	--	10.176	3.267%	OVARY(IES)	--	0.125	0.040%
SPLEEN	--	0.766	0.246%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F5 001 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 19-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	246.0					
ADRENAL(S)	--	0.074	0.030%	BRAIN	--	1.929	0.784%
HEART	--	1.004	0.408%	KIDNEY(S)	--	2.070	0.841%
LIVER	--	7.408	3.011%	OVARY(IES)	--	0.129	0.052%
SPLEEN	--	0.528	0.215%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F5 002 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 20-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	298.3					
ADRENAL(S)	--	0.048	0.016%	BRAIN	--	1.981	0.664%
HEART	--	1.012	0.339%	KIDNEY(S)	--	2.352	0.788%
LIVER	--	8.309	2.785%	OVARY(IES)	--	0.166	0.056%
SPLEEN	--	0.551	0.185%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F5 003 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 22-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	274.2					
ADRENAL(S)	--	0.050	0.018%	BRAIN	--	2.114	0.771%
HEART	--	1.063	0.388%	KIDNEY(S)	--	2.414	0.880%
LIVER	--	7.922	2.889%	OVARY(IES)	--	0.141	0.051%
SPLEEN	--	0.654	0.239%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F5 004 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 25-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (KMSHEV)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	295.6					
ADRENAL(S)	--	0.077	0.026%	BRAIN	--	2.105	0.712%
HEART	--	1.128	0.382%	KIDNEY(S)	--	2.355	0.797%
LIVER	--	8.541	2.889%	OVARY(IES)	--	0.140	0.047%
SPLEEN	--	0.414	0.140%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F5 005 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 20-SEP-2000
PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	230.6					
ADRENAL(S)	--	0.100	0.043%	BRAIN	--	1.961	0.850%
HEART	--	1.009	0.438%	KIDNEY(S)	--	2.141	0.928%
LIVER	--	7.473	3.241%	OVARY(IES)	--	0.136	0.059%
SPLEEN	--	0.489	0.212%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F5 006 SEX: FEMALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 21-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (KMSHEV)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	333.5					
ADRENAL(S)	--	0.042	0.013%	BRAIN	--	1.966	0.590%
HEART	--	1.268	0.380%	KIDNEY(S)	--	2.148	0.644%
LIVER	--	9.757	2.926%	OVARY(IES)	--	0.138	0.041%
SPLEEN	--	0.673	0.202%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091F5 007 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 26-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (CSBOLL)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	308.8					
ADRENAL(S)	--	0.092	0.030%	BRAIN	--	2.089	0.676%
HEART	--	1.262	0.409%	KIDNEY(S)	--	2.525	0.818%
LIVER	--	11.490	3.721%	OVARY(IES)	--	0.095	0.031%
SPLEEN	--	0.502	0.163%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F5 008 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 26-SEP-2000
PROSECTOR : (JACROS)
ORGAN WTS. BY : (CSBOLL)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	330.9					
ADRENAL(S)	--	0.075	0.023%	BRAIN	--	2.008	0.607%
HEART	--	1.111	0.336%	KIDNEY(S)	--	2.421	0.732%
LIVER	--	9.439	2.853%	OVARY(IES)	--	0.113	0.034%
SPLEEN	--	0.539	0.163%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F5 009 SEX: FEMALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 26-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (CSBOLL)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	302.8					
ADRENAL(S)	--	0.072	0.024%	BRAIN	--	2.223	0.734%
HEART	--	1.053	0.348%	KIDNEY(S)	--	2.302	0.760%
LIVER	--	9.419	3.111%	OVARY(IES)	--	0.142	0.047%
SPLEEN	--	0.564	0.186%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F5 010 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 26-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (CSBOLL)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	285.7					
ADRENAL(S)	--	0.066	0.023%	BRAIN	--	2.084	0.729%
HEART	--	1.044	0.365%	KIDNEY(S)	--	2.467	0.863%
LIVER	--	12.115	4.240%	OVARY(IES)	--	0.100	0.035%
SPLEEN	--	0.674	0.236%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F5 011 SEX: FEMALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 21-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	270.6					
ADRENAL(S)	--	0.083	0.031%	BRAIN	--	2.095	0.774%
HEART	--	1.075	0.397%	KIDNEY(S)	--	2.102	0.777%
LIVER	--	7.898	2.919%	OVARY(IES)	--	0.148	0.055%
SPLEEN	--	0.526	0.194%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F5 012 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 27-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	270.0					
ADRENAL(S)	--	0.075	0.028%	BRAIN	--	2.168	0.803%
HEART	--	1.173	0.434%	KIDNEY(S)	--	2.146	0.795%
LIVER	--	7.283	2.697%	OVARY(IES)	--	0.128	0.047%
SPLEEN	--	0.574	0.213%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F5 013 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 27-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	258.9					
ADRENAL(S)	--	0.076	0.029%	BRAIN	--	2.072	0.800%
HEART	--	1.043	0.403%	KIDNEY(S)	--	2.293	0.886%
LIVER	--	9.712	3.751%	OVARY(IES)	--	0.092	0.036%
SPLEEN	--	0.626	0.242%				

=== GROSS OBSERVATIONS ===

UTERUS
ENLARGED/DILATED/DISTENDED -- BILATERAL HORNS, ~ 0.7 CM;
FILLED WITH CLEAR FLUID.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F5 014 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 21-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	315.5					
ADRENAL(S)	--	0.085	0.027%	BRAIN	--	1.999	0.634%
HEART	--	1.126	0.357%	KIDNEY(S)	--	2.437	0.772%
LIVER	--	9.590	3.040%	OVARY(IES)	--	0.127	0.040%
SPLEEN	--	0.569	0.180%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F5 015 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 22-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	285.5					
ADRENAL(S)	--	0.068	0.024%	BRAIN	--	2.040	0.715%
HEART	--	1.113	0.390%	KIDNEY(S)	--	2.398	0.840%
LIVER	--	8.198	2.871%	OVARY(IES)	--	0.144	0.050%
SPLEEN	--	0.505	0.177%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F5 016 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 22-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	270.9					
ADRENAL(S)	--	0.074	0.027%	BRAIN	--	2.037	0.752%
HEART	--	1.062	0.392%	KIDNEY(S)	--	2.075	0.766%
LIVER	--	7.948	2.934%	OVARY(IES)	--	0.128	0.047%
SPLEEN	--	0.496	0.183%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F5 017 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 25-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (KMSHEV)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	286.3					
ADRENAL(S)	--	0.071	0.025%	BRAIN	--	2.120	0.740%
HEART	--	1.040	0.363%	KIDNEY(S)	--	2.199	0.768%
LIVER	--	8.268	2.888%	OVARY(IES)	--	0.132	0.046%
SPLEEN	--	0.505	0.176%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F5 018 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 25-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (KMSHEV)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	293.9					
ADRENAL(S)	--	0.078	0.027%	BRAIN	--	2.029	0.690%
HEART	--	1.082	0.368%	KIDNEY(S)	--	2.154	0.733%
LIVER	--	9.216	3.136%	OVARY(IES)	--	0.138	0.047%
SPLEEN	--	0.535	0.182%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091F5 019 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 27-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	300.0		BRAIN	--	2.189	0.730%
ADRENAL(S)	--	0.092	0.031%	KIDNEY(S)	--	2.488	0.829%
HEART	--	1.225	0.408%	OVARY(IES)	--	0.096	0.032%
LIVER	--	9.740	3.247%				
SPLEEN	--	0.571	0.190%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F5 020 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 28-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	338.4		BRAIN	--	2.066	0.611%
ADRENAL(S)	--	0.085	0.025%	KIDNEY(S)	--	2.441	0.721%
HEART	--	1.369	0.405%	OVARY(IES)	--	0.148	0.044%
LIVER	--	8.822	2.607%				
SPLEEN	--	0.535	0.158%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F6 001 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 19-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	298.2					
ADRENAL(S)	--	0.065	0.022%	BRAIN	--	2.123	0.712%
HEART	--	1.019	0.342%	KIDNEY(S)	--	2.240	0.751%
LIVER	--	8.174	2.741%	OVARY(IES)	--	0.156	0.052%
SPLEEN	--	0.548	0.184%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F6 002 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 20-SEP-2000

PROSECTOR : (CSBOLL)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	309.8					
ADRENAL(S)	--	0.069	0.022%	BRAIN	--	1.963	0.634%
HEART	--	1.380	0.445%	KIDNEY(S)	--	2.622	0.846%
LIVER	--	9.597	3.098%	OVARY(IES)	--	0.196	0.063%
SPLEEN	--	0.594	0.192%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F6 003 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 22-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	281.5					
ADRENAL(S)	--	0.086	0.031%	BRAIN	--	2.067	0.734%
HEART	--	1.176	0.418%	KIDNEY(S)	--	2.302	0.818%
LIVER	--	9.057	3.217%	OVARY(IES)	--	0.154	0.055%
SPLEEN	--	0.616	0.219%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F6 004 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 25-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (KMSHEV)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	284.2					
ADRENAL(S)	--	0.074	0.026%	BRAIN	--	2.056	0.723%
HEART	--	1.164	0.410%	KIDNEY(S)	--	2.421	0.852%
LIVER	--	11.714	4.122%	OVARY(IES)	--	0.147	0.052%
SPLEEN	--	0.543	0.191%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091F6 005 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 20-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	314.8					
ADRENAL(S)	--	0.059	0.019%	BRAIN	--	1.942	0.617%
HEART	--	1.106	0.351%	KIDNEY(S)	--	2.121	0.674%
LIVER	--	8.907	2.829%	OVARY(IES)	--	0.144	0.046%
SPLEEN	--	0.674	0.214%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F6 006 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 21-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (KMSHEV)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	296.0					
ADRENAL(S)	--	0.086	0.029%	BRAIN	--	2.064	0.697%
HEART	--	1.225	0.414%	KIDNEY(S)	--	2.460	0.831%
LIVER	--	8.865	2.995%	OVARY(IES)	--	0.155	0.052%
SPLEEN	--	0.491	0.166%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091F6 007 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 26-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (CSBOLL)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	323.2		BRAIN	--	2.019	0.625%
ADRENAL(S)	--	0.069	0.021%	KIDNEY(S)	--	2.491	0.771%
HEART	--	1.222	0.378%	OVARY(IES)	--	0.125	0.039%
LIVER	--	10.920	3.379%				
SPLEEN	--	0.506	0.157%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F6 008 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 26-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (CSBOLL)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	263.5					
ADRENAL(S)	--	0.089	0.034%	BRAIN	--	1.936	0.735%
HEART	--	1.062	0.403%	KIDNEY(S)	--	2.154	0.817%
LIVER	--	9.182	3.485%	OVARY(IES)	--	0.104	0.039%
SPLEEN	--	0.465	0.176%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F6 009 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 26-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (CSBOLL)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	286.9					
ADRENAL(S)	--	0.086	0.030%	BRAIN	--	1.991	0.694%
HEART	--	1.247	0.435%	KIDNEY(S)	--	2.163	0.754%
LIVER	--	9.194	3.205%	OVARY(IES)	--	0.159	0.055%
SPLEEN	--	0.530	0.185%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F6 010 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 26-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (CSBOLL)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	297.8					
ADRENAL(S)	--	0.074	0.025%	BRAIN	--	1.916	0.643%
HEART	--	1.043	0.350%	KIDNEY(S)	--	2.138	0.718%
LIVER	--	11.059	3.714%	OVARY(IES)	--	0.103	0.035%
SPLEEN	--	0.519	0.174%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091F6 011 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 21-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	288.9					
ADRENAL(S)	--	0.057	0.020%	BRAIN	--	1.973	0.683%
HEART	--	1.065	0.369%	KIDNEY(S)	--	2.145	0.742%
LIVER	--	7.868	2.723%	OVARY(IES)	--	0.136	0.047%
SPLEEN	--	0.471	0.163%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F6 012 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 27-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	252.0					
ADRENAL(S)	--	0.041	0.016%	BRAIN	--	2.021	0.802%
HEART	--	0.914	0.363%	KIDNEY(S)	--	2.012	0.798%
LIVER	--	6.959	2.762%	OVARY(IES)	--	0.148	0.059%
SPLEEN	--	0.481	0.191%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091F6 013 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 27-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	288.9					
ADRENAL(S)	--	0.078	0.027%	BRAIN	--	2.160	0.748%
HEART	--	1.134	0.393%	KIDNEY(S)	--	2.540	0.879%
LIVER	--	9.240	3.198%	OVARY(IES)	--	0.154	0.053%
SPLEEN	--	0.728	0.252%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F6 014 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 21-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	296.9					
ADRENAL(S)	--	0.104	0.035%	BRAIN	--	2.094	0.705%
HEART	--	1.087	0.366%	KIDNEY(S)	--	2.373	0.799%
LIVER	--	9.061	3.052%	OVARY(IES)	--	0.148	0.050%
SPLEEN	--	0.532	0.179%				

--- GROSS OBSERVATIONS ---

EYE(S)
ABNORMAL DISCHARGE/ENCRUSTATION -- BILATERAL, PERIORBITAL, RED.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F6 015 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 22-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	316.2					
ADRENAL(S)	--	0.098	0.031%	BRAIN	--	2.042	0.646%
HEART	--	1.197	0.379%	KIDNEY(S)	--	2.755	0.871%
LIVER	--	9.414	2.977%	OVARY(IES)	--	0.163	0.052%
SPLEEN	--	0.685	0.217%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F6 016 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 22-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	305.6					
ADRENAL(S)	--	0.084	0.027%	BRAIN	--	2.076	0.679%
HEART	--	1.214	0.397%	KIDNEY(S)	--	2.426	0.794%
LIVER	--	9.326	3.052%	OVARY(IES)	--	0.122	0.040%
SPLEEN	--	0.540	0.177%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091F6 017 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 25-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (KMSHEV)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	322.1		BRAIN	--	1.990	0.618%
ADRENAL(S)	--	0.076	0.024%	KIDNEY(S)	--	2.444	0.759%
HEART	--	1.253	0.389%	OVARY(IES)	--	0.124	0.038%
LIVER	--	9.718	3.017%				
SPLEEN	--	0.538	0.167%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F6 018 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 25-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (KMSHEV)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	265.9					
ADRENAL(S)	--	0.059	0.022%	BRAIN	--	2.009	0.756%
HEART	--	1.047	0.394%	KIDNEY(S)	--	1.937	0.728%
LIVER	--	6.803	2.558%	OVARY(IES)	--	0.111	0.042%
SPLEEN	--	0.478	0.180%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F6 019 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 27-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	302.4					
ADRENAL(S)	--	0.070	0.023%	BRAIN	--	2.088	0.690%
HEART	--	1.012	0.335%	KIDNEY(S)	--	2.068	0.684%
LIVER	--	7.948	2.628%	OVARY(IES)	--	0.146	0.048%
SPLEEN	--	0.661	0.219%				

=== G R O S S O B S E R V A T I O N S ===

LUNG
FOCUS, WHITE/GRAY -- MOST LOBES, PLEURA, SEVERAL, < 0.1 - 0.1 CM, ROUND, DISCRETE AND WHITE.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F6 020 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 28-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	269.6					
ADRENAL(S)	--	0.082	0.030%	BRAIN	--	2.063	0.765%
HEART	--	1.203	0.446%	KIDNEY(S)	--	2.149	0.797%
LIVER	--	7.383	2.739%	OVARY(IES)	--	0.148	0.055%
SPLEEN	--	0.539	0.200%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F7 001 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 19-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	255.7					
ADRENAL(S)	--	0.081	0.032%	BRAIN	--	1.955	0.765%
HEART	--	1.017	0.398%	KIDNEY(S)	--	1.780	0.696%
LIVER	--	7.111	2.781%	OVARY(IES)	--	0.148	0.058%
SPLEEN	--	0.565	0.221%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F7 002 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 20-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ---

TERMINAL BODY WEIGHT	--	287.0					
ADRENAL(S)	--	0.073	0.025%	BRAIN	--	2.019	0.703%
HEART	--	1.304	0.454%	KIDNEY(S)	--	2.283	0.795%
LIVER	--	8.229	2.867%	OVARY(IES)	--	0.147	0.051%
SPLEEN	--	0.536	0.187%				

--- G R O S S O B S E R V A T I O N S ---

URINARY BLADDER
NOTE: PORTION IN CASS (UB).

--- M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091F7 003 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 22-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	270.9					
ADRENAL(S)	--	0.077	0.028%	BRAIN	---	1.844	0.681%
HEART	--	0.995	0.367%	KIDNEY(S)	--	2.181	0.805%
LIVER	--	8.823	3.257%	OVARY(IES)	--	0.150	0.055%
SPLEEN	--	0.470	0.173%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F7 004 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 25-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (KMSHEV)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	289.9					
ADRENAL(S)	--	0.075	0.026%	BRAIN	--	2.075	0.716%
HEART	--	1.109	0.383%	KIDNEY(S)	--	2.184	0.753%
LIVER	--	7.981	2.753%	OVARY(IES)	--	0.118	0.041%
SPLEEN	--	0.605	0.209%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091F7 005 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 20-SEP-2000

PROSECTOR : (CSBOLL)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	296.9					
ADRENAL(S)	--	0.080	0.027%	BRAIN	--	2.106	0.709%
HEART	--	1.114	0.375%	KIDNEY(S)	--	2.853	0.961%
LIVER	--	9.707	3.269%	OVARY(IES)	--	0.121	0.041%
SPLEEN	--	0.494	0.166%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F7 006 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 21-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	298.1					
ADRENAL(S)	--	0.078	0.026%	BRAIN	--	2.163	0.726%
HEART	--	1.250	0.419%	KIDNEY(S)	--	2.481	0.832%
LIVER	--	8.094	2.715%	OVARY(IES)	--	0.167	0.056%
SPLEEN	--	0.589	0.198%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091F7 007 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 26-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (CSBOLL)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	303.4					
ADRENAL(S)	--	0.090	0.030%	BRAIN	--	2.044	0.674%
HEART	--	1.046	0.345%	KIDNEY(S)	--	2.505	0.826%
LIVER	--	9.217	3.038%	OVARY(IES)	--	0.121	0.040%
SPLEEN	--	0.506	0.167%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F7 008 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 26-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (CSBOLL)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	296.5					
ADRENAL(S)	--	0.085	0.029%	BRAIN	--	2.097	0.707%
HEART	--	1.091	0.368%	KIDNEY(S)	--	2.343	0.790%
LIVER	--	8.614	2.905%	OVARY(IES)	--	0.111	0.037%
SPLEEN	--	0.541	0.182%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F7 009 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 26-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (CSBOLL)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	307.8					
ADRENAL(S)	--	0.070	0.023%	BRAIN	--	1.973	0.641%
HEART	--	1.138	0.370%	KIDNEY(S)	--	2.357	0.766%
LIVER	--	9.660	3.138%	OVARY(IES)	--	0.131	0.043%
SPLEEN	--	0.669	0.217%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091F7 010 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 26-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (CSBOLL)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	290.2					
ADRENAL(S)	--	0.067	0.023%	BRAIN	--	2.033	0.701%
HEART	--	0.995	0.343%	KIDNEY(S)	--	2.139	0.737%
LIVER	--	11.111	3.829%	OVARY(IES)	--	0.129	0.044%
SPLEEN	--	0.430	0.148%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F7 011 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 21-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	297.2					
ADRENAL(S)	--	0.073	0.025%	BRAIN	--	2.157	0.726%
HEART	--	1.065	0.358%	KIDNEY(S)	--	2.451	0.825%
LIVER	--	7.962	2.679%	OVARY(IES)	--	0.143	0.048%
SPLEEN	--	0.501	0.169%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F7 012 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 27-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	308.7					
ADRENAL(S)	--	0.090	0.029%	BRAIN	--	2.174	0.704%
HEART	--	1.162	0.376%	KIDNEY(S)	--	2.396	0.776%
LIVER	--	8.896	2.882%	OVARY(IES)	--	0.114	0.037%
SPLEEN	--	0.536	0.174%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091F7 013 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 27-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	308.1					
ADRENAL(S)	--	0.083	0.027%	BRAIN	--	2.156	0.700%
HEART	--	1.167	0.379%	KIDNEY(S)	--	2.539	0.824%
LIVER	--	9.282	3.013%	OVARY(IES)	--	0.177	0.057%
SPLEEN	--	0.577	0.187%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F7 014 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 21-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	314.7					
ADRENAL(S)	--	0.072	0.023%	BRAIN	--	2.098	0.667%
HEART	--	1.080	0.343%	KIDNEY(S)	--	2.345	0.745%
LIVER	--	8.727	2.773%	OVARY(IES)	--	0.166	0.053%
SPLEEN	--	0.555	0.176%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091F7 015 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 22-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	316.9					
ADRENAL(S)	--	0.078	0.025%	BRAIN	--	2.200	0.694%
HEART	--	1.228	0.388%	KIDNEY(S)	--	2.395	0.756%
LIVER	--	9.025	2.848%	OVARY(IES)	--	0.164	0.052%
SPLEEN	--	0.547	0.173%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F7 016 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 22-SEP-2000
PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	284.9					
ADRENAL(S)	--	0.072	0.025%	BRAIN	--	2.113	0.742%
HEART	--	1.093	0.384%	KIDNEY(S)	--	2.438	0.856%
LIVER	--	7.982	2.802%	OVARY(IES)	--	0.128	0.045%
SPLEEN	--	0.638	0.224%				

--- GROSS OBSERVATIONS ---

KIDNEY(S)
DILATED PELVIS -- BILATERAL; MODERATE.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F7 017 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 25-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (KMSHEV)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	332.7					
ADRENAL(S)	--	0.073	0.022%	BRAIN	--	1.963	0.590%
HEART	--	1.192	0.358%	KIDNEY(S)	--	2.286	0.687%
LIVER	--	9.066	2.725%	OVARY(IES)	--	0.125	0.038%
SPLEEN	--	0.597	0.179%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F7 018 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 25-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (KMSHEV)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	256.2					
ADRENAL(S)	--	0.059	0.023%	BRAIN	--	2.107	0.822%
HEART	--	0.891	0.348%	KIDNEY(S)	--	2.111	0.824%
LIVER	--	7.263	2.835%	OVARY(IES)	--	0.108	0.042%
SPLEEN	--	0.398	0.155%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F7 019 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 27-SEP-2000

PROSECTOR : (CSBOLL)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	254.8					
ADRENAL(S)	--	0.070	0.027%	BRAIN	--	2.079	0.816%
HEART	--	1.059	0.416%	KIDNEY(S)	--	1.963	0.770%
LIVER	--	7.801	3.062%	OVARY(IES)	--	0.139	0.055%
SPLEEN	--	0.487	0.191%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F7 020 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 28-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	279.9					
ADRENAL(S)	--	0.083	0.030%	BRAIN	--	1.977	0.706%
HEART	--	1.063	0.380%	KIDNEY(S)	--	2.423	0.866%
LIVER	--	8.646	3.089%	OVARY(IES)	--	0.146	0.052%
SPLEEN	--	0.559	0.200%				

--- GROSS OBSERVATIONS ---

UTERUS
ENLARGED/DILATED/DISTENDED -- BILATERAL HORNS, ~ 0.7 CM;
FILLED WITH CLEAR FLUID.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F8 001 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 19-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	250.5					
ADRENAL(S)	--	0.078	0.031%	BRAIN	--	2.052	0.819%
HEART	--	0.933	0.372%	KIDNEY(S)	--	2.005	0.800%
LIVER	--	7.124	2.844%	OVARY(IES)	--	0.131	0.052%
SPLEEN	--	0.526	0.210%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F8 002 SEX: FEMALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 20-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	310.8					
ADRENAL(S)	--	0.086	0.028%	BRAIN	--	2.034	0.654%
HEART	--	1.208	0.389%	KIDNEY(S)	--	2.588	0.833%
LIVER	--	9.285	2.987%	OVARY(IES)	--	0.146	0.047%
SPLEEN	--	0.691	0.222%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F8 003 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 22-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	303.6					
ADRENAL(S)	--	0.078	0.026%	BRAIN	--	1.919	0.632%
HEART	--	1.164	0.383%	KIDNEY(S)	--	2.381	0.784%
LIVER	--	9.050	2.981%	OVARY(IES)	--	0.143	0.047%
SPLEEN	--	0.508	0.167%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F8 004 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 25-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (KMSHEV)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	283.1					
ADRENAL(S)	--	0.089	0.031%	BRAIN	--	1.971	0.696%
HEART	--	1.211	0.428%	KIDNEY(S)	--	2.256	0.797%
LIVER	--	10.510	3.712%	OVARY(IES)	--	0.131	0.046%
SPLEEN	--	0.494	0.174%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F8 005 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 20-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	237.3					
ADRENAL(S)	--	0.081	0.034%	BRAIN	--	1.752	0.738%
HEART	--	0.939	0.396%	KIDNEY(S)	--	1.762	0.743%
LIVER	--	6.135	2.585%	OVARY(IES)	--	0.111	0.047%
SPLEEN	--	0.442	0.186%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F8 006 SEX: FEMALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 21-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	262.3					
ADRENAL(S)	--	0.069	0.026%	BRAIN	--	2.017	0.769%
HEART	--	0.989	0.377%	KIDNEY(S)	--	1.901	0.725%
LIVER	--	7.573	2.887%	OVARY(IES)	--	0.153	0.058%
SPLEEN	--	0.425	0.162%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091F8 007 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 26-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (CSBOLL)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	303.8					
ADRENAL(S)	--	0.083	0.027%	BRAIN	--	2.107	0.694%
HEART	--	1.309	0.431%	KIDNEY(S)	--	2.726	0.897%
LIVER	--	8.063	2.654%	OVARY(IES)	--	0.183	0.060%
SPLEEN	--	0.520	0.171%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F8 008 SEX: FEMALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 26-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (CSBOLL)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	261.0					
ADRENAL(S)	--	0.075	0.029%	BRAIN	--	2.016	0.772%
HEART	--	1.067	0.409%	KIDNEY(S)	--	2.489	0.954%
LIVER	--	9.030	3.460%	OVARY(IES)	--	0.091	0.035%
SPLEEN	--	0.486	0.186%				

--- GROSS OBSERVATIONS ---

LUNG
FOCUS, WHITE/GRAY -- MOST LOBES, PLEURA, MULTIPLE, < 0.1-
0.1 CM, ROUND, DISCRETE AND WHITE.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F8 009 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 26-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (CSBOLL)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	264.1					
ADRENAL(S)	--	0.071	0.027%	BRAIN	--	2.031	0.769%
HEART	--	1.048	0.397%	KIDNEY(S)	--	2.140	0.810%
LIVER	--	8.292	3.140%	OVARY(IES)	--	0.115	0.044%
SPLEEN	--	0.569	0.215%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091F8 010 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 26-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (CSBOLL)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	299.1					
ADRENAL(S)	--	0.072	0.024%	BRAIN	--	2.022	0.676%
HEART	--	1.093	0.365%	KIDNEY(S)	--	2.667	0.892%
LIVER	--	11.267	3.767%	OVARY(IES)	--	0.123	0.041%
SPLEEN	--	0.506	0.169%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F8 011 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 21-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	267.9					
ADRENAL(S)	--	0.065	0.024%	BRAIN	--	1.996	0.745%
HEART	--	0.985	0.368%	KIDNEY(S)	--	2.124	0.793%
LIVER	--	7.909	2.952%	OVARY(IES)	--	0.143	0.053%
SPLEEN	--	0.484	0.181%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F8 012 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 27-SEP-2000

PROSECTOR : (CSBOLL)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	316.4					
ADRENAL(S)	--	0.091	0.029%	BRAIN	--	2.164	0.684%
HEART	--	1.157	0.366%	KIDNEY(S)	--	2.543	0.804%
LIVER	--	9.775	3.089%	OVARY(IES)	--	0.167	0.053%
SPLEEN	--	0.515	0.163%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F8 013 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 27-SEP-2000

PROSECTOR : (CSBOLL)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	284.0					
ADRENAL(S)	--	0.094	0.033%	BRAIN	--	2.120	0.746%
HEART	--	1.369	0.482%	KIDNEY(S)	--	2.289	0.806%
LIVER	--	9.064	3.192%	OVARY(IES)	--	0.149	0.052%
SPLEEN	--	0.588	0.207%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F8 014 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 21-SEP-2000

PROSECTOR : (CSBOLL)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	299.8					
ADRENAL(S)	--	0.096	0.032%	BRAIN	--	2.157	0.719%
HEART	--	1.151	0.384%	KIDNEY(S)	--	2.471	0.824%
LIVER	--	9.019	3.008%	OVARY(IES)	--	0.160	0.053%
SPLEEN	--	0.631	0.210%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F8 015 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 22-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	259.4					
ADRENAL(S)	--	0.063	0.024%	BRAIN	--	2.007	0.774%
HEART	--	1.011	0.390%	KIDNEY(S)	--	1.838	0.709%
LIVER	--	7.226	2.786%	OVARY(IES)	--	0.136	0.052%
SPLEEN	--	0.475	0.183%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F8 016 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 22-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	316.4					
ADRENAL(S)	--	0.072	0.023%	BRAIN	--	1.981	0.626%
HEART	--	1.168	0.369%	KIDNEY(S)	--	2.328	0.736%
LIVER	--	9.359	2.958%	OVARY(IES)	--	0.116	0.037%
SPLEEN	--	0.673	0.213%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F8 017 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 25-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (KMSHEV)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	268.9					
ADRENAL(S)	--	0.064	0.024%	BRAIN	--	1.967	0.731%
HEART	--	1.001	0.372%	KIDNEY(S)	--	2.122	0.789%
LIVER	--	8.198	3.049%	OVARY(IES)	--	0.147	0.055%
SPLEEN	--	0.603	0.224%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F8 018 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 25-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (KMSHEV)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	297.6					
ADRENAL(S)	--	0.061	0.020%	BRAIN	--	2.036	0.684%
HEART	--	1.139	0.383%	KIDNEY(S)	--	2.180	0.733%
LIVER	--	7.807	2.623%	OVARY(IES)	--	0.143	0.048%
SPLEEN	--	0.613	0.206%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F8 019 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 27-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	261.1		BRAIN	--	2.053	0.786%
ADRENAL(S)	--	0.088	0.034%	KIDNEY(S)	--	2.157	0.826%
HEART	--	1.212	0.464%	OVARY(IES)	--	0.133	0.051%
LIVER	--	8.286	3.173%				
SPLEEN	--	0.615	0.236%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F8 020 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 28-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	263.9					
ADRENAL(S)	--	0.075	0.028%	BRAIN	--	2.205	0.836%
HEART	--	0.984	0.373%	KIDNEY(S)	--	2.118	0.803%
LIVER	--	6.759	2.561%	OVARY(IES)	--	0.129	0.049%
SPLEEN	--	0.589	0.223%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F9 001 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 19-SEP-2000

PROSECTOR : (CSBOLL)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	264.8					
ADRENAL(S)	--	0.087	0.033%	BRAIN	--	2.187	0.826%
HEART	--	1.044	0.394%	KIDNEY(S)	--	2.300	0.869%
LIVER	--	8.892	3.358%	OVARY(IES)	--	0.147	0.056%
SPLEEN	--	0.514	0.194%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F9 002 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 20-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	292.1					
ADRENAL(S)	--	0.063	0.022%	BRAIN	--	2.196	0.752%
HEART	--	1.335	0.457%	KIDNEY(S)	--	2.381	0.815%
LIVER	--	8.707	2.981%	OVARY(IES)	--	0.159	0.054%
SPLEEN	--	0.563	0.193%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F9 003 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 22-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	284.2					
ADRENAL(S)	--	0.070	0.025%	BRAIN	--	2.041	0.718%
HEART	--	1.177	0.414%	KIDNEY(S)	--	2.258	0.795%
LIVER	--	7.576	2.666%	OVARY(IES)	--	0.120	0.042%
SPLEEN	--	0.495	0.174%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F9 004 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 25-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (KMSHEV)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	290.9					
ADRENAL(S)	--	0.074	0.025%	BRAIN	--	2.023	0.695%
HEART	--	1.155	0.397%	KIDNEY(S)	--	2.255	0.775%
LIVER	--	8.361	2.874%	OVARY(IES)	--	0.129	0.044%
SPLEEN	--	0.555	0.191%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F9 005 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 20-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	299.3					
ADRENAL(S)	--	0.081	0.027%	BRAIN	--	2.086	0.697%
HEART	--	1.218	0.407%	KIDNEY(S)	--	2.193	0.733%
LIVER	--	8.617	2.879%	OVARY(IES)	--	0.140	0.047%
SPLEEN	--	0.532	0.178%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091F9 006 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 21-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	272.5					
ADRENAL(S)	--	0.075	0.028%	BRAIN	--	2.021	0.742%
HEART	--	1.060	0.389%	KIDNEY(S)	--	2.141	0.786%
LIVER	--	8.761	3.215%	OVARY(IES)	--	0.133	0.049%
SPLEEN	--	0.516	0.189%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F9 007 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 26-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (CSBOLL)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	260.5					
ADRENAL(S)	--	0.071	0.027%	BRAIN	--	2.104	0.808%
HEART	--	1.093	0.420%	KIDNEY(S)	--	2.245	0.862%
LIVER	--	8.028	3.082%	OVARY(IES)	--	0.118	0.045%
SPLEEN	--	0.456	0.175%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F9 008 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 26-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (CSBOLL)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	267.8					
ADRENAL(S)	--	0.059	0.022%	BRAIN	--	2.043	0.763%
HEART	--	1.029	0.384%	KIDNEY(S)	--	2.259	0.844%
LIVER	--	7.698	2.875%	OVARY(IES)	--	0.121	0.045%
SPLEEN	--	0.554	0.207%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F9 009 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 26-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (CSBOLL)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	327.6					
ADRENAL(S)	--	0.076	0.023%	BRAIN	--	2.104	0.642%
HEART	--	1.229	0.375%	KIDNEY(S)	--	2.090	0.638%
LIVER	--	10.611	3.239%	OVARY(IES)	--	0.171	0.052%
SPLEEN	--	0.588	0.179%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F9 010 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 26-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (CSBOLL)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	329.7					
ADRENAL(S)	--	0.069	0.021%	BRAIN	--	2.115	0.641%
HEART	--	1.267	0.384%	KIDNEY(S)	--	2.544	0.772%
LIVER	--	13.312	4.038%	OVARY(IES)	--	0.127	0.039%
SPLEEN	--	0.756	0.229%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F9 011 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 21-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	310.1					
ADRENAL(S)	--	0.063	0.020%	BRAIN	--	1.963	0.633%
HEART	--	1.108	0.357%	KIDNEY(S)	--	2.273	0.733%
LIVER	--	7.947	2.563%	OVARY(IES)	--	0.128	0.041%
SPLEEN	--	0.438	0.141%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F9 012 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 27-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	363.1					
ADRENAL(S)	--	0.094	0.026%	BRAIN	--	2.093	0.576%
HEART	--	1.516	0.418%	KIDNEY(S)	--	2.480	0.683%
LIVER	--	10.415	2.868%	OVARY(IES)	--	0.128	0.035%
SPLEEN	--	0.631	0.174%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091F9 013 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 27-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	255.8					
ADRENAL(S)	--	0.082	0.032%	BRAIN	--	1.810	0.708%
HEART	--	0.998	0.390%	KIDNEY(S)	--	1.980	0.774%
LIVER	--	7.338	2.869%	OVARY(IES)	--	0.119	0.047%
SPLEEN	--	0.496	0.194%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F9 014 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 22-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	306.8					
ADRENAL(S)	--	0.076	0.025%	BRAIN	--	2.143	0.699%
HEART	--	1.076	0.351%	KIDNEY(S)	--	2.461	0.802%
LIVER	--	8.629	2.813%	OVARY(IES)	--	0.190	0.062%
SPLEEN	--	0.593	0.193%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F9 015 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 22-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	305.1					
ADRENAL(S)	--	0.070	0.023%	BRAIN	--	2.151	0.705%
HEART	--	1.146	0.376%	KIDNEY(S)	--	2.359	0.773%
LIVER	--	9.997	3.277%	OVARY(IES)	--	0.154	0.050%
SPLEEN	--	0.474	0.155%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F9 016 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 22-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	306.6					
ADRENAL(S)	--	0.055	0.018%	BRAIN	--	2.244	0.732%
HEART	--	1.265	0.413%	KIDNEY(S)	--	2.557	0.834%
LIVER	--	9.782	3.190%	OVARY(IES)	--	0.141	0.046%
SPLEEN	--	0.522	0.170%				

=== G R O S S O B S E R V A T I O N S ===

OVARY(IES)
CYST -- RIGHT, ~ 0.4 CM; FILLED WITH CLEAR FLUID.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F9 017 SEX: FEMALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 25-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (KMSHEV)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	275.4					
ADRENAL(S)	--	0.067	0.024%	BRAIN	--	1.972	0.716%
HEART	--	1.120	0.407%	KIDNEY(S)	--	2.142	0.778%
LIVER	--	7.496	2.722%	OVARY(IES)	--	0.139	0.050%
SPLEEN	--	0.560	0.203%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F9 018 SEX: FEMALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 25-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (KMSHEV)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	293.6					
ADRENAL(S)	--	0.061	0.021%	BRAIN	--	2.208	0.752%
HEART	--	1.088	0.371%	KIDNEY(S)	--	2.154	0.734%
LIVER	--	7.872	2.681%	OVARY(IES)	--	0.126	0.043%
SPLEEN	--	0.537	0.183%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F9 019 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 27-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	262.8					
ADRENAL(S)	--	0.072	0.027%	BRAIN	--	2.008	0.764%
HEART	--	1.101	0.419%	KIDNEY(S)	--	2.374	0.903%
LIVER	--	9.819	3.736%	OVARY(IES)	--	0.118	0.045%
SPLEEN	--	0.762	0.290%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F9 020 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 28-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	291.7					
ADRENAL(S)	--	0.075	0.026%	BRAIN	--	2.115	0.725%
HEART	--	1.144	0.392%	KIDNEY(S)	--	2.235	0.766%
LIVER	--	8.806	3.019%	OVARY(IES)	--	0.159	0.055%
SPLEEN	--	0.657	0.225%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F10 001 SEX: FEMALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 19-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	289.5					
ADRENAL(S)	--	0.089	0.031%	BRAIN	--	2.097	0.724%
HEART	--	0.952	0.329%	KIDNEY(S)	--	2.368	0.818%
LIVER	--	7.640	2.639%	OVARY(IES)	--	0.117	0.040%
SPLEEN	--	0.503	0.174%				

--- GROSS OBSERVATIONS ---

UTERUS
ENLARGED/DILATED/DISTENDED -- BILATERAL HORNS, ~ 0.6 CM;
FILLED WITH CLEAR FLUID.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F10 002 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 20-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	303.0					
ADRENAL(S)	--	0.089	0.029%	BRAIN	--	1.999	0.660%
HEART	--	1.183	0.390%	KIDNEY(S)	--	2.362	0.780%
LIVER	--	9.667	3.190%	OVARY(IES)	--	0.177	0.058%
SPLEEN	--	0.570	0.188%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F10 003 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 22-SEP-2000
PROSECTOR : (JACROS)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	284.9					
ADRENAL(S)	--	0.082	0.029%	BRAIN	--	1.999	0.702%
HEART	--	1.067	0.375%	KIDNEY(S)	--	2.330	0.818%
LIVER	--	8.388	2.944%	OVARY(IES)	--	0.161	0.057%
SPLEEN	--	0.674	0.237%				

=== GROSS OBSERVATIONS ===

LUNG
FOCUS, WHITE/GRAY -- MOST LOBES, PLEURA, SEVERAL, < 0.1 -
0.1 CM, ROUND, DISCRETE AND WHITE.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F10 004 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 25-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (KMSHEV)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	278.7					
ADRENAL(S)	--	0.071	0.025%	BRAIN	--	2.074	0.744%
HEART	--	1.057	0.379%	KIDNEY(S)	--	2.304	0.827%
LIVER	--	8.560	3.071%	OVARY(IES)	--	0.148	0.053%
SPLEEN	--	0.539	0.193%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F10 005 SEX: FEMALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 20-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	268.3					
ADRENAL(S)	--	0.031	0.012%	BRAIN	--	2.099	0.782%
HEART	--	1.107	0.413%	KIDNEY(S)	--	2.290	0.854%
LIVER	--	7.593	2.830%	OVARY(IES)	--	0.109	0.041%
SPLEEN	--	0.588	0.219%				

=== GROSS OBSERVATIONS ===

UTERUS
ENLARGED/DILATED/DISTENDED -- BILATERAL HORNS, ~ 0.8 CM;
FILLED WITH CLEAR FLUID.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F10 006 SEX: FEMALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 21-SEP-2000

PROSECTOR : (CSBOLL)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	311.0					
ADRENAL(S)	--	0.092	0.030%	BRAIN	--	2.072	0.666%
HEART	--	1.266	0.407%	KIDNEY(S)	--	2.489	0.800%
LIVER	--	9.115	2.931%	OVARY(IES)	--	0.177	0.057%
SPLEEN	--	0.506	0.163%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F10 007 SEX: FEMALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 26-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (CSBOLL)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	340.2					
ADRENAL(S)	--	0.069	0.020%	BRAIN	--	1.951	0.573%
HEART	--	1.424	0.419%	KIDNEY(S)	--	2.469	0.726%
LIVER	--	9.007	2.648%	OVARY(IES)	--	0.131	0.039%
SPLEEN	--	0.657	0.193%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F10 008 SEX: FEMALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 26-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (CSBOLL)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	326.9					
ADRENAL(S)	--	0.073	0.022%	BRAIN	--	2.098	0.642%
HEART	--	1.112	0.340%	KIDNEY(S)	--	2.115	0.647%
LIVER	--	8.470	2.591%	OVARY(IES)	--	0.121	0.037%
SPLEEN	--	0.672	0.206%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

ANIMAL NO: 99091F10 009 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 26-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (CSBOLL)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	354.5					
ADRENAL(S)	--	0.080	0.023%	BRAIN	--	2.020	0.570%
HEART	--	1.179	0.333%	KIDNEY(S)	--	2.535	0.715%
LIVER	--	13.985	3.945%	OVARY(IES)	--	0.142	0.040%
SPLEEN	--	0.609	0.172%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F10 010 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 26-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (CSBOLL)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	310.3					
ADRENAL(S)	--	0.075	0.024%	BRAIN	--	2.080	0.670%
HEART	--	1.088	0.351%	KIDNEY(S)	--	2.540	0.819%
LIVER	--	12.575	4.053%	OVARY(IES)	--	0.141	0.045%
SPLEEN	--	0.526	0.170%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F10 011 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 21-SEP-2000

PROSECTOR : (CSBOLL)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	260.2					
ADRENAL(S)	--	0.087	0.033%	BRAIN	--	2.186	0.840%
HEART	--	0.976	0.375%	KIDNEY(S)	--	2.170	0.834%
LIVER	--	8.053	3.095%	OVARY(IES)	--	0.152	0.058%
SPLEEN	--	0.514	0.198%				

=== G R O S S O B S E R V A T I O N S ===

UTERUS
ENLARGED/DILATED/DISTENDED -- BILATERAL HORNS, ~ 0.7 CM;
FILLED WITH CLEAR FLUID.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F10 012 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 27-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	320.0					
ADRENAL(S)	--	0.083	0.026%	BRAIN	--	2.122	0.663%
HEART	--	1.116	0.349%	KIDNEY(S)	--	2.453	0.767%
LIVER	--	10.896	3.405%	OVARY(IES)	--	0.163	0.051%
SPLEEN	--	0.578	0.181%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F10 013 SEX: FEMALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 27-SEP-2000

PROSECTOR : (JACROS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	326.0					
ADRENAL(S)	--	0.077	0.024%	BRAIN	--	2.187	0.671%
HEART	--	1.434	0.440%	KIDNEY(S)	--	2.544	0.780%
LIVER	--	11.016	3.379%	OVARY(IES)	--	0.084	0.026%
SPLEEN	--	0.526	0.161%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F10 014 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 22-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	277.2					
ADRENAL(S)	--	0.077	0.028%	BRAIN	--	2.072	0.747%
HEART	--	1.215	0.438%	KIDNEY(S)	--	2.273	0.820%
LIVER	--	8.323	3.003%	OVARY(IES)	--	0.134	0.048%
SPLEEN	--	0.623	0.225%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

STUDY NUMBER: 99091
RTE OF ADMIN: ORAL (FEED)
STUDY START DATE: 7-JUN-2000

INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA

REPORT PRINT DATE: 8-JUN-2001
SPECIES: RAT
STRAIN/BREED: SPRAGUE-DAWLEY

ANIMAL NO: 99091F10 015 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 22-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT	--	315.6					
ADRENAL(S)	--	0.084	0.027%	BRAIN	--	2.049	0.649%
HEART	--	1.139	0.361%	KIDNEY(S)	--	2.297	0.728%
LIVER	--	9.681	3.067%	OVARY(IES)	--	0.131	0.042%
SPLEEN	--	0.674	0.214%				

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

=== MICROSCOPIC TISSUE OBSERVATIONS ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F10 016 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 22-SEP-2000

PROSECTOR : (MJBOYD)
ORGAN WTS. BY : (FJWHIT)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	320.3					
ADRENAL(S)	--	0.089	0.028%	BRAIN	--	2.027	0.633%
HEART	--	1.188	0.371%	KIDNEY(S)	--	2.472	0.772%
LIVER	--	8.811	2.751%	OVARY(IES)	--	0.175	0.055%
SPLEEN	--	0.569	0.178%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F10 017 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 25-SEP-2000

PROSECTOR : (KMSHEV)
ORGAN WTS. BY : (KMSHEV)
GROSS DATA ENTRY: (JGNAPI)

--- O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ---

TERMINAL BODY WEIGHT	--	296.7					
ADRENAL(S)	--	0.091	0.031%	BRAIN	--	2.084	0.702%
HEART	--	1.142	0.385%	KIDNEY(S)	--	2.408	0.812%
LIVER	--	8.355	2.816%	OVARY(IES)	--	0.123	0.041%
SPLEEN	--	0.578	0.195%				

--- G R O S S O B S E R V A T I O N S ---

LUNG
FOCUS, WHITE/GRAY -- MOST LOBES, PLEURA, MULTIPLE, < 0.1 - 0.1 CM, ROUND, DISCRETE AND WHITE.

--- M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ---

TISSUE / HISTOPATHOLOGICAL FINDINGS — DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F10 018 SEX: FEMALE
ANIMAL STATUS CODE: S DATE OF NECROPSY: 25-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (KMSHEV)
GROSS DATA ENTRY: (JGNAPI)

=== O R G A N W E I G H T S (G M) a n d % B O D Y W E I G H T ===

TERMINAL BODY WEIGHT	--	273.4					
ADRENAL(S)	--	0.069	0.025%	BRAIN	--	1.981	0.725%
HEART	--	1.211	0.443%	KIDNEY(S)	--	2.001	0.732%
LIVER	--	7.480	2.736%	OVARY(IES)	--	0.121	0.044%
SPLEEN	--	0.470	0.172%				

=== G R O S S O B S E R V A T I O N S ===

N O G R O S S A B N O R M A L I T I E S.

=== M I C R O S C O P I C T I S S U E O B S E R V A T I O N S ===

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

N O T I S S U E S E X A M I N E D.

ANIMAL NO: 99091F10 019 SEX: FEMALE
ANIMAL STATUS CODE: S
DATE OF NECROPSY: 27-SEP-2000

PROSECTOR : (DTGIBS)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	277.8					
ADRENAL(S)	--	0.057	0.021%	BRAIN	--	2.002	0.721%
HEART	--	1.044	0.376%	KIDNEY(S)	--	2.140	0.770%
LIVER	--	7.738	2.785%	OVARY(IES)	--	0.166	0.060%
SPLEEN	--	0.637	0.229%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

ANIMAL NO: 99091F10 020 SEX: FEMALE
ANIMAL STATUS CODE: S

DATE OF NECROPSY: 28-SEP-2000

PROSECTOR : (KMDETE)
ORGAN WTS. BY : (FAHAPP)
GROSS DATA ENTRY: (JGNAPI)

--- ORGAN WEIGHTS (GM) and % BODY WEIGHT ---

TERMINAL BODY WEIGHT	--	307.9					
ADRENAL(S)	--	0.071	0.023%	BRAIN	--	2.153	0.699%
HEART	--	1.133	0.368%	KIDNEY(S)	--	2.541	0.825%
LIVER	--	8.344	2.710%	OVARY(IES)	--	0.159	0.052%
SPLEEN	--	0.563	0.183%				

--- GROSS OBSERVATIONS ---

NO GROSS ABNORMALITIES.

--- MICROSCOPIC TISSUE OBSERVATIONS ---

TISSUE / HISTOPATHOLOGICAL FINDINGS DISTRIBUTION (SEVERITY)

NO TISSUES EXAMINED.

TERMINATED ANIMALS THAT HAVE NOT BEEN EXAMINED:

NONE

PIND REPORT SUMMARY

Report type: Working report --- list all animals

Number of animals processed = 400

Number of animals reported = 400

Appendix 4. Experimental Pathology Laboratories Pathology Report

EPL®

EXPERIMENTAL PATHOLOGY LABORATORIES, INC.

PHARMACIA CORPORATION
STUDY NUMBER 99091
EPL PROJECT NUMBER 674-003

13-WEEK FEEDING STUDY IN RATS WITH GRAIN FROM ROUNDUP READY® CORN (NK 603) PRECEDED BY A 1-WEEK BASELINE FOOD CONSUMPTION DETERMINATION WITH PMI CERTIFIED RODENT DIET #5002

PATHOLOGY REPORT

Submitted by:

Experimental Pathology Laboratories, Inc.
P.O. Box 474
Herndon, VA 20172-0474
(703) 471-7060

Submitted to:
Pharmacia Corporation
St. Louis, MO 63167

July 25, 2001

EPL®

EXPERIMENTAL PATHOLOGY LABORATORIES, INC.

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PATHOLOGY SUMMARY

EPL®

EXPERIMENTAL PATHOLOGY LABORATORIES, INC.

PHARMACIA CORPORATION
STUDY NUMBER 99091
EPL PROJECT NUMBER 674-003

13-WEEK FEEDING STUDY IN RATS WITH GRAIN FROM ROUNDUP READY® CORN (NK 603) PRECEDED BY A 1-WEEK BASELINE FOOD CONSUMPTION DETERMINATION WITH PMI CERTIFIED RODENT DIET #5002

PATHOLOGY SUMMARY

Microscopic examinations were performed on selected tissues from male and female rats on a 13-week feeding study with grain from Roundup Ready® corn (MK 603). The purpose of this study was to compare the parameters in this protocol in animals fed a diet containing grain derived from a transgenic corn line to (1) a diet containing grain from its non-transgenic parental control line and (2) a population of diets containing grain from commercial hybrid non-transgenic corn lines (reference controls). Following is the experimental design for this study:

Group	Material	No. of Animals	
		Males	Females
M1/F1	NK 603-L (11%)	20	20
M2/F2	NK 603-H (33%)	20	20
M3/F3	Parent-L (11%)	20	20
M4/F4	Parent-H (33%)	20	20
M5/F5	Crows 363 (33%)	20	20
M6/F6	Pioneer 3394 (33%)	20	20
M7/F7	Croplan Genetics 461 (33%)	20	20
M8/F8	Campbells 6995 (33%)	20	20
M9/F9	DK 539 (33%)	20	20
M10/F10	DK 537 (33%)	20	20

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EXPERIMENTAL PATHOLOGY LABORATORIES, INC.

Pharmacia Corporation Study Number 99091

Hematoxylin and eosin stained slides of the following tissues were prepared by Experimental Pathology Laboratories, Inc. (EPL®) and examined microscopically from all animals in Groups M2/F2 and M4/F4: adrenal glands, brain, heart, small intestine (duodenum, jejunum, ileum), large intestine (colon, rectum), kidneys, liver, mesenteric lymph node, pancreas, spleen, stomach, thyroids, parathyroids, ovaries, and testes. Also, any gross lesions noted at necropsy in the protocol-required tissues were examined.

All of the tissues required by protocol are represented in the Histopathology Incidence Tables with the exception of one or both parathyroids in several animals, ileum in one female, colon in two females, and adrenal medulla in one female. These missing tissues are indicated as "N" for No Section or "m" when one of a paired tissue is missing. These missing tissues did not affect the overall evaluation of the study. Microscopic findings for each tissue examined from each animal are listed in the Histopathology Incidence Tables. Histomorphologic findings were graded from one to five depending on severity. Nongradable findings were indicated with "P" for Present. All lesions are summarized by sex and treatment group in the Summary Incidence Tables. A tabulation of findings noted in the protocol required tissues at necropsy is presented in the Correlation of Gross and Microscopic Findings tables.

RESULTS

No histomorphologic alterations attributable to the feeding of Roundup Ready® corn (NK 603) for 13 weeks at a 33% concentration were noted in any of the tissues examined. A variety of spontaneous disease lesions and incidental findings occurred in rats receiving either NK 603 (33%) or Parental-H (33%) without respect to the dietary regimen.

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Pharmacia Corporation Study Number 99091

Common incidental findings in the liver included multifocal chronic inflammation and/or mononuclear cell infiltrates in the majority of the rats. In the kidneys, lesions typical of early chronic nephropathy were present in most of the males and in some of the females. These lesions consisted of mononuclear cell infiltrates, proteinaceous casts, cystic tubules, and/or regeneration of tubular epithelium. Tubular mineralization was noted in the kidneys of two males and several females. In the heart, cardiomyopathy was noted in four M2 and six M4 males and three females in each group. In the thyroid, ultimobranchial cysts were noted in several rats. Other lesions noted in these tissues and the remaining tissues examined occurred in only one or two animals in the various groups. No cause of death was evident in the single M2 male found dead on study. Congestion was noted in a number of tissues from this rat.

CONCLUSIONS

No treatment-related histomorphologic findings were noted in any of the tissues examined from rats receiving Roundup Ready® corn (NK 603) at 33% for 13 weeks. Spontaneous disease lesions and incidental findings were comparable between rats receiving the test diet and those receiving Parental-H (33%) and were the usual number and type commonly noted in rats of this age.

Deborah A. Banas

DEBORAH A. BANAS, DVM, MS, DABT, Diplomate, ACVP
Veterinary Pathologist

July 24, 2001

DAB/wk

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EXPERIMENTAL PATHOLOGY LABORATORIES, INC.

COMPLIANCE STATEMENT

Client Name	Pharmacia Corporation	EPL Project Coordinator	Dr. Margarita M. Gruebbel
Client Study	99091	EPL Pathologist	Dr. Deborah A. Banas
Species	Rat	EPL Project Number	674-003
Study Title	13-Week Feeding Study in Rats with Grain from Roundup Ready® Corn (NK 603) Preceded by a 1-Week Baseline Food Consumption Determination with PMI Certified Rodent Diet #5002		
Test Article	NK 603		

The Histopathology portions of the above-referenced study were conducted in compliance with the principles of the OECD (1997) and MHW Good Laboratory Practice regulations.

Margarita M. Gruebbel
EPL Project Coordinator

7/25/01

DAB/wk

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EXPERIMENTAL PATHOLOGY LABORATORIES, INC.

QUALITY ASSURANCE FINAL CERTIFICATION

Study Title: 13-Week Feeding Study in Rats with Grain from Roundup Ready® Corn (NK 603) Preceded by a 1-Week Baseline Food Consumption Determination with PMI Certified Rodent Diet #5002

Client Study: 99091 EPL Project Coordinator: Dr. Margarita M. Gruebbel

EPL Project Number: 674-003 EPL Pathologist: Dr. Deborah A. Banas

The following aspects of this study were inspected by the Quality Assurance Unit of Experimental Pathology Laboratories, Inc. Dates inspections were performed and findings reported to the EPL Project Coordinator and Management are indicated below.

Area Inspected	Dates	
	Inspection	Reporting
EPL Project Sheets	6/13/01; 7/5/01	6/13/01; 7/5/01
Project Setup	6/22/01	6/22/01
Histology Setup	6/25/01	6/25/01
In-Process	7/3/01	7/3/01
Data Review	7/18,19/01	7/19/01
Draft Report	7/19/01	7/19/01
Final Report	7/24/01	7/24/01

Date reported to Study Director/Management 7/25/01

Date of last quarterly facility inspection 5/01

Jan L. Snyder
EPL Quality Assurance Unit

7/25/01
Date

SUMMARY INCIDENCE TABLES

SUMMARY INCIDENCE TABLE

99091
13-Week Sacrifice
Male Rat

	GROUP M2	GROUP M4				
ADRENAL CORTEX (NO. EXAMINED)	(20)	(20)				
Congestion	1					
ADRENAL MEDULLA (NO. EXAMINED)	(20)	(20)				
Congestion	1					
BRAIN (NO. EXAMINED)	(20)	(20)				
HEART (NO. EXAMINED)	(20)	(20)				
Cardiomyopathy	4	6				
Mineralization, Focal		1				
INTESTINE-LARGE, COLON (NO. EXAMINED)	(20)	(20)				
INTESTINE-LARGE, RECTUM (NO. EXAMINED)	(20)	(20)				
INTESTINE-SMALL, DUODENUM (NO. EXAMINED)	(20)	(20)				
INTESTINE-SMALL, ILEUM (NO. EXAMINED)	(20)	(20)				
INTESTINE-SMALL, JEJUNUM (NO. EXAMINED)	(20)	(20)				
KIDNEY (NO. EXAMINED)	(20)	(20)				
Cast(s), Proteinaceous	5	9				
Congestion	1					
Cystic Tubule(s)	2	2				
Dilatation, Pelvic, Unilateral		2				
Infiltrate, Mononuclear Cell	14	10				
Mineralization, Pelvic		1				
Mineralization, Tubular		2				
Regeneration, Tubular Epithelium	17	17				
LIVER (NO. EXAMINED)	(20)	(20)				
Congestion	1					
Hyperplasia, Bile Duct	1					
Infiltrate, Mononuclear Cell	8	8				
Inflammation, Chronic, Multifocal	16	17				

SUMMARY INCIDENCE TABLE

99091
13-Week Sacrifice
Male Rat

	GROUP M2	GROUP M4				
LYMPH NODE, MESENTERIC (NO. EXAMINED)	(20)	(20)				
PANCREAS (NO. EXAMINED)	(20)	(20)				
Atrophy, Acinar	1					
Infiltrate, Mononuclear Cell	2	2				
Inflammation, Chronic, Focal	2	1				
PARATHYROID (NO. EXAMINED)	(19)	(20)				
SPLEEN (NO. EXAMINED)	(20)	(20)				
STOMACH, GLANDULAR (NO. EXAMINED)	(20)	(20)				
Cystic Gland(s)	1					
STOMACH, NONGLANDULAR (NO. EXAMINED)	(20)	(20)				
TESTIS (NO. EXAMINED)	(20)	(20)				
Atrophy, Bilateral		1				
Atrophy, Unilateral		1				
THYROID (NO. EXAMINED)	(20)	(20)				
Cyst(s), Follicular	1					
Cyst(s), Ultimobranchial	3	2				

SUMMARY INCIDENCE TABLE

99091
13-Week Sacrifice
Female Rat

	GROUP F2	GROUP F4				
ADRENAL CORTEX (NO. EXAMINED)	(20)	(20)				
Congestion						
ADRENAL MEDULLA (NO. EXAMINED)	(20)	(19)				
Congestion						
BRAIN (NO. EXAMINED)	(20)	(20)				
HEART (NO. EXAMINED)	(20)	(20)				
Cardiomyopathy	3	3				
Mineralization, Focal						
INTESTINE-LARGE, COLON (NO. EXAMINED)	(19)	(19)				
INTESTINE-LARGE, RECTUM (NO. EXAMINED)	(20)	(20)				
INTESTINE-SMALL, DUODENUM (NO. EXAMINED)	(20)	(20)				
INTESTINE-SMALL, ILEUM (NO. EXAMINED)	(20)	(19)				
INTESTINE-SMALL, JEJUNUM (NO. EXAMINED)	(20)	(20)				
KIDNEY (NO. EXAMINED)	(20)	(20)				
Cast(s), Proteinaceous	3	2				
Congestion						
Cystic Tubule(s)	1	1				
Dilatation, Pelvic, Unilateral						
Infiltrate, Mononuclear Cell	4	7				
Mineralization, Pelvic						
Mineralization, Tubular	6	5				
Regeneration, Tubular						
Epithelium	3	2				
LIVER (NO. EXAMINED)	(20)	(20)				
Congestion						
Hyperplasia, Bile Duct						
Infiltrate, Mononuclear Cell	6	7				
Inflammation, Chronic, Multifocal	15	17				

SUMMARY INCIDENCE TABLE

99091
13-Week Sacrifice
Female Rat

	GROUP F2	GROUP F4				
LYMPH NODE, MESENTERIC (NO. EXAMINED)	(20)	(20)				
OVARY (NO. EXAMINED)	(20)	(20)				
PANCREAS (NO. EXAMINED)	(20)	(20)				
Atrophy, Acinar						
Infiltrate, Mononuclear Cell	2	1				
Inflammation, Chronic, Focal						
PARATHYROID (NO. EXAMINED)	(19)	(20)				
SPLEEN (NO. EXAMINED)	(20)	(20)				
STOMACH, GLANDULAR (NO. EXAMINED)	(20)	(20)				
Cystic Gland(s)						
STOMACH, NONGLANDULAR (NO. EXAMINED)	(20)	(20)				
THYROID (NO. EXAMINED)	(20)	(20)				
Cyst(s), Follicular						
Cyst(s), Ultimobranchial	5	3				

HISTOPATHOLOGY INCIDENCE TABLES

HISTOPATHOLOGY INCIDENCE TABLE

99091
13-Week Sacrifice
Male Rat

GROUP M2

ANIMAL	M2001	M2002	M2003	M2004	M2005	M2006	M2007	M2008	M2009	M2010	M2011	M2012	Mu2013	M2014	M2015	M2016	M2017	M2018	M2019	M2020
ADRENAL CORTEX	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X
Congestion													2							
ADRENAL MEDULLA	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X
Congestion													2							
BRAIN	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
HEART	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X	X		
Cardiomyopathy									1					1					2	2
Mineralization, Focal																				
INTESTINE-LARGE, COLON	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
INTESTINE-LARGE, RECTUM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
INTESTINE-SMALL, DUODENUM	X	X	X	X	X	X	X	X	X	X	X	X	A	X	X	X	X	X	X	X
INTESTINE-SMALL, ILEUM	X	X	X	X	X	X	X	X	X	X	X	X	A	X	X	X	X	X	X	X
INTESTINE-SMALL, JEJUNUM	X	X	X	X	X	X	X	X	X	X	X	X	A	X	X	X	X	X	X	X
KIDNEY																X	X			
Cast(s), Proteinaceous									1			1		1	1				1	
Congestion													2							
Cystic Tubule(s)					1							1								
Dilatation, Pelvic, Unilateral																				
Infiltrate, Mononuclear Cell	1	1	1	1	1	1	1		1	1	1	1			1			1	1	
Mineralization, Pelvic																				
Mineralization, Tubular																				
Regeneration, Tubular Epithelium	1	1	1	1	1	1	1	1	2	2	1	1		1	2			1	1	1
LIVER																				
Congestion													2							
Hyperplasia, Bile Duct																1				
Infiltrate, Mononuclear Cell		1		1				1			1				1	1	1			1
Inflammation, Chronic, Multifocal	1		1		1	1	1	1	1	1	1	1	1	1		1	1	1	1	

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II-1

Key: X=Not Remarkable N=No Section I=Incomplete A=Autolysis
1=minimal 2=slight/mild 3=moderate 4=moderately severe 5=severe/high
P=Present B=Benign M=Malignant
m=missing one paired organ u=unscheduled sac./death

HISTOPATHOLOGY INCIDENCE TABLE

99091
13-Week Sacrifice
Male Rat

GROUP M2

ANIMAL	M2001	M2002	M2003	M2004	M2005	M2006	M2007	M2008	M2009	M2010	M2011	M2012	Mu2013	M2014	M2015	M2016	M2017	M2018	M2019	M2020
LYMPH NODE, MESENTERIC	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
PANCREAS			X	X		X	X	X		X	X	X	X	X		X	X	X	X	X
Atrophy, Acinar															1					
Infiltrate, Mononuclear Cell		1			1															
Inflammation, Chronic, Focal	2								1											
PARATHYROID	X	X	X	X	X	X	X	X	X	X	X	X	N	Xm	X	X	X	X	Xm	X
SPLEEN	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STOMACH, GLANDULAR	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X
Cystic Gland(s)											1									
STOMACH, NONGLANDULAR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
TESTIS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Atrophy, Bilateral																				
Atrophy, Unilateral																				
THYROID		X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	
Cyst(s), Follicular	P																			
Cyst(s), Ultimobranchial										P				P						P

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II-2

Key: X=Not Remarkable N=No Section I=Incomplete A=Autolysis
1=minimal 2=slight/mild 3=moderate 4=moderately severe 5=severe/high
P=Present B=Benign M=Malignant
m=missing one paired organ u=unscheduled sac./death

HISTOPATHOLOGY INCIDENCE TABLE

99091
13-Week Sacrifice
Male Rat

GROUP M4

ANIMAL	M4001	M4002	M4003	M4004	M4005	M4006	M4007	M4008	M4009	M4010	M4011	M4012	M4013	M4014	M4015	M4016	M4017	M4018	M4019	M4020
ADRENAL CORTEX	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Congestion																				
ADRENAL MEDULLA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Congestion																				
BRAIN	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
HEART		X	X			X	X	X	X	X	X		X	X			X	X		X
Cardiomyopathy	1			1	2							2				1			1	
Mineralization, Focal															1					
INTESTINE-LARGE, COLON	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
INTESTINE-LARGE, RECTUM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
INTESTINE-SMALL, DUODENUM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
INTESTINE-SMALL, ILEUM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
INTESTINE-SMALL, JEJUNUM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
KIDNEY															X					
Cast(s), Proteinaceous	1		1	1	1					1	1	1							1	1
Congestion																				
Cystic Tubule(s)												1								1
Dilatation, Pelvic, Unilateral																		2		2
Infiltrate, Mononuclear Cell		1	1			1		1		1	1		1				1		1	1
Mineralization, Pelvic																				1
Mineralization, Tubular																1	1			
Regeneration, Tubular Epithelium	1	1	1	1	1		1	1	2	2	2	1	1	1		1	1		2	1
LIVER													X							
Congestion																				
Hyperplasia, Bile Duct																				
Infiltrate, Mononuclear Cell	1		1		1			1						1			1	1	1	
Inflammation, Chronic, Multifocal	1	1	1	1	1	1	1		1	1	1	1		2	1	1	1	1		1

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II-3

Key: X=Not Remarkable N=No Section I=Incomplete A=Autolysis
1=minimal 2=slight/mild 3=moderate 4=moderately severe 5=severe/high
P=Present B=Benign M=Malignant
m=missing one paired organ u=unscheduled sac./death

HISTOPATHOLOGY INCIDENCE TABLE

99091
13-Week Sacrifice
Male Rat

GROUP M4

ANIMAL	M4001	M4002	M4003	M4004	M4005	M4006	M4007	M4008	M4009	M4010	M4011	M4012	M4013	M4014	M4015	M4016	M4017	M4018	M4019	M4020
LYMPH NODE, MESENTERIC	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
PANCREAS	X	X		X	X	X		X	X		X	X	X	X	X	X	X	X	X	X
Atrophy, Acinar																				
Infiltrate, Mononuclear Cell							1			1										
Inflammation, Chronic, Focal			2																	
PARATHYROID	X	X	Xm	X	X	X	X	X	X	Xm	X	Xm	X	X	Xm	X	X	X	X	X
SPLEEN	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STOMACH, GLANDULAR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Cystic Gland(s)																				
STOMACH, NONGLANDULAR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
TESTIS	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X	X	X	X
Atrophy, Bilateral													5							
Atrophy, Unilateral															4					
THYROID	X		X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X
Cyst(s), Follicular																				
Cyst(s), Ultimobranchial		P													P					

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Experimental Pathology Laboratories, Inc.

Key: X=Not Remarkable N=No Section I=Incomplete A=Autolysis
1=minimal 2=slight/mild 3=moderate 4=moderately severe 5=severe/high
P=Present B=Benign M=Malignant
m=missing one paired organ u=unscheduled sac./death

HISTOPATHOLOGY INCIDENCE TABLE

99091
13-Week Sacrifice
Female Rat

GROUP F2

ANIMAL	F2001	F2002	F2003	F2004	F2005	F2006	F2007	F2008	F2009	F2010	F2011	F2012	F2013	F2014	F2015	F2016	F2017	F2018	F2019	F2020
ADRENAL CORTEX	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Congestion																				
ADRENAL MEDULLA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Congestion																				
BRAIN	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
HEART	X	X	X	X		X	X	X	X	X	X	X	X		X	X	X		X	X
Cardiomyopathy					1									1				1		
Mineralization, Focal																				
INTESTINE-LARGE, COLON	X	X	X	X	X	X	X	X	N	X	X	X	X	X	X	X	X	X	X	X
INTESTINE-LARGE, RECTUM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
INTESTINE-SMALL, DUODENUM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
INTESTINE-SMALL, ILEUM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
INTESTINE-SMALL, JEJUNUM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
KIDNEY						X		X		X			X	X			X		X	X
Cast(s), Proteinaceous		1									1				1					
Congestion																				
Cystic Tubule(s)				1																
Dilatation, Pelvic, Unilateral																				
Infiltrate, Mononuclear Cell			1								1	1						1		
Mineralization, Pelvic																				
Mineralization, Tubular	1	1	1				1		1							1				
Regeneration, Tubular Epithelium					1						1	1								
LIVER					X		X	X												
Congestion																				
Hyperplasia, Bile Duct																				
Infiltrate, Mononuclear Cell		1				1			1			1	1	1						
Inflammation, Chronic, Multifocal	1		1	1		1			1	1	1	1		1	1	1	1	1	1	1

EPL Experimental Pathology Laboratories, Inc.

II-5

Key: X=Not Remarkable N=No Section I=Incomplete A=Autolysis
1=minimal 2=slight/mild 3=moderate 4=moderately severe 5=severe/high
P=Present B=Benign M=Malignant
m=missing one paired organ u=unscheduled sac./death

HISTOPATHOLOGY INCIDENCE TABLE

99091
13-Week Sacrifice
Female Rat

GROUP F2

ANIMAL	F2001	F2002	F2003	F2004	F2005	F2006	F2007	F2008	F2009	F2010	F2011	F2012	F2013	F2014	F2015	F2016	F2017	F2018	F2019	F2020
LYMPH NODE, MESENTERIC	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
OVARY	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
PANCREAS	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X
Atrophy, Acinar																				
Infiltrate, Mononuclear Cell		1																1		
Inflammation, Chronic, Focal																				
PARATHYROID	X	X	N	X	X	X	X	Xm	Xm	X	X	X	X	X	Xm	Xm	X	X	X	X
SPLEEN	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STOMACH, GLANDULAR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Cystic Gland(s)																				
STOMACH, NONGLANDULAR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
THYROID	X	X	X		X	X	X	X		X		X	X	X			X	X	X	X
Cyst(s), Follicular																				
Cyst(s), Ultimobranchial				P					P		P				P	P				

EPL Experimental Pathology Laboratories, Inc.

Key: X=Not Remarkable N=No Section I=Incomplete A=Autolysis
1=minimal 2=slight/mild 3=moderate 4=moderately severe 5=severe/high
P=Present B=Benign M=Malignant
m=missing one paired organ u=unscheduled sac./death

HISTOPATHOLOGY INCIDENCE TABLE

99091
13-Week Sacrifice
Female Rat

GROUP F4

ANIMAL	F4001	F4002	F4003	F4004	F4005	F4006	F4007	F4008	F4009	F4010	F4011	F4012	F4013	F4014	F4015	F4016	F4017	F4018	F4019	F4020
ADRENAL CORTEX	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Congestion																				
ADRENAL MEDULLA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	N	X	X	X	X
Congestion																				
BRAIN	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
HEART	X	X	X	X		X	X	X	X	X	X		X	X	X		X	X	X	X
Cardiomyopathy					1							1				1				
Mineralization, Focal																				
INTESTINE-LARGE, COLON	X	X	X	X	N	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
INTESTINE-LARGE, RECTUM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
INTESTINE-SMALL, DUODENUM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
INTESTINE-SMALL, ILEUM	N	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
INTESTINE-SMALL, JEJUNUM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
KIDNEY	X		X				X				X		X			X		X		
Cast(s), Proteinaceous																			1	1
Congestion																				
Cystic Tubule(s)					1															
Dilatation, Pelvic, Unilateral																				
Infiltrate, Mononuclear Cell		1		1		1				1		1		1					1	
Mineralization, Pelvic																				
Mineralization, Tubular					1			1	1					1			1			
Regeneration, Tubular Epithelium												1			1					
LIVER																				
Congestion																				
Hyperplasia, Bile Duct																				
Infiltrate, Mononuclear Cell	1	1					1		1	1	1			1						
Inflammation, Chronic, Multifocal	1	1	1	1	1	1	1	1				1	1	1	1	1	1	1	1	1

EPL Experimental Pathology Laboratories, Inc.

Key: X=Not Remarkable N=No Section I=Incomplete A=Autolysis
1=minimal 2=slight/mild 3=moderate 4=moderately severe 5=severe/high
P=Present B=Benign M=Malignant
m=missing one paired organ u=unscheduled sac./death

HISTOPATHOLOGY INCIDENCE TABLE

99091
13-Week Sacrifice
Female Rat

GROUP F4

ANIMAL	F4001	F4002	F4003	F4004	F4005	F4006	F4007	F4008	F4009	F4010	F4011	F4012	F4013	F4014	F4015	F4016	F4017	F4018	F4019	F4020
LYMPH NODE, MESENTERIC	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
OVARY	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
PANCREAS		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Atrophy, Acinar																				
Infiltrate, Mononuclear Cell	1																			
Inflammation, Chronic, Focal																				
PARATHYROID	X	Xm	Xm	X	X	Xm	X	Xm	X	Xm	X	X	X	Xm	X	Xm	X	Xm	X	X
SPLEEN	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STOMACH, GLANDULAR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Cystic Gland(s)																				
STOMACH, NONGLANDULAR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
THYROID		X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X		X
Cyst(s), Follicular																				
Cyst(s), Ultimobranchial	P											P							P	

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Experimental Pathology Laboratories, Inc.

II-8

Key: X=Not Remarkable N=No Section I=Incomplete A=Autolysis
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P=Present B=Benign M=Malignant
m=missing one paired organ u=unscheduled sac./death

CORRELATION OF GROSS AND MICROSCOPIC FINDINGS

CORRELATION OF GROSS AND MICROSCOPIC FINDINGS

99091
13-Week Sacrifice

Species: Rat Sex: Males Group Identification: M4 - Sacrificed

Animal Number	Client Topography / Site	Client Gross Observations	Microscopic Observations
M4013	TESTIS	Atrophy/small: left, 1.5 x 0.8 x 0.6 cm	Atrophy, Bilateral
	TESTIS	Abnormal consistency, soft: bilateral	Atrophy, Bilateral
M4018	KIDNEY	Dilated pelvis: right, moderate	Dilatation, Pelvic, Unilateral
M4020	KIDNEY	Calculus: right, multiple, < 0.1 cm	Dilatation, Pelvic, Unilateral; Mineralization, Pelvic

Appendix 5. **Pesticide Profile, Mycotoxin, Glyphosate and Compositional Analysis of Roundup Ready® Corn Line NK603 Produced at Fayette County, Ohio, U.S. in 1999 (Study #99-01-46-54)**

Notes:

ELISA analysis was also performed on grain samples. The results are reported in Appendix 11

In the Covance Report 6103-273, the reference control grain, Campbells 6695 contains a typographical error. The correct name is Campbells 6995

The parameters Cl, ADF and NDF were also analyzed and should have appeared in section 5.2 (report page 1092)

Study Title

Pesticide Profile, Mycotoxin, Glyphosate and Compositional Analyses of Roundup Ready ® Corn Line NK603 Produced at Fayette County, Ohio, U.S. in 1999

Authors

Bruce G. Hammond,* Tracey Cavato*
Matthew Breeze#, Charla Stone[Ψ] and Marian Bleeke[ω]

Study Completed On

August, 2001

Performing Laboratories

***Monsanto Company**
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800 North Lindbergh Blvd.
St Louis, MO 63167

Laboratory Project ID

Monsanto Study No: 99-01-46-54
Monsanto Report No: MSL-17295
Covance Study No: 6103-257

Statement of No Data Confidentiality Claims

No claim of confidentiality is made for any information contained in this study on the basis of its falling within the scope of FIFRA 10(d)(1)(A), (B), or (C).

We submit this material to the United States Environmental Protection Agency specifically under the requirements set forth in FIFRA as amended, and consent to the use and disclosure of this material by EPA strictly in accordance with FIFRA. By submitting this material to EPA in accordance with the method and format requirements contained in PR Notice 86-5, we reserve and do not waive any rights involving this material that are or can be claimed by the company notwithstanding this submission to EPA.

Company: Monsanto Company

Company Agent: _____

Title: _____

Signature: _____ Date: _____

Statement of Compliance

This study meets the GLP requirements for 40 CFR Part 160 (EPA) except for the following:

1. The mycotoxin analyses performed at Romer Labs were not conducted under GLP. These analyses, which were a part of the pre-study requirement for animal feeding studies, were conducted under high scientific standards.

2. Reference standards used for the Covance compositional analyses were not characterized according to GLP standards, reserve samples from each batch of the reference standards were not retained, and the final analytical sub-report format is not in full accordance with EPA Pesticide Regulation Notice 86-5.

These exceptions had no effect on the integrity or quality of the study.

Submitter Date

Study Director 8/25/2001
Date

Quality Assurance Statement

Study Title: Pesticide Profile, Mycotoxin, Glyphosate and Compositional Analyses of Roundup Ready® Corn Line NK603 Produced at Fayette County, Ohio, U.S. in 1999

Study Number: 99-01-46-54

Reviews conducted by the Quality Assurance Unit confirm that the final report reflects the raw data for the portion of the study conducted by Monsanto Company. This confirmation excludes the following data:

- Mycotoxin data generated by Romer Laboratories.

Reviews which have been conducted by Covance Laboratories Inc., are enclosed within the Covance sub-report and are specified on their individual QA Statement.

Following is a list of reviews conducted by the Monsanto Regulatory Quality Assurance Unit on the study reported herein.

Dates of Inspection / Audit	Phase	Date Reported To: Study Director	Date Reported To: Management
April 4, 2000	Test, Control and Reference Substance Characterization	April 4, 2000	April 4, 2000
June 21, 2001	Raw Data Audit	July 5, 2001	July 5, 2001
June 21, 2001	Draft Report Review	July 5, 2001	July 5, 2001
July 30, 2001	Raw Data Audit	July 30, 2001	July 30, 2001

Paula A. Price

Paula A. Price
Quality Assurance Unit
Monsanto Regulatory, Monsanto Company

August 29, 2001
Date

BED 8/30/01

Signatures of Approval

Study Number: 99-01-46-54

MSL Number: 17295

Title: Pesticide Profile, Mycotoxin, Glyphosate and Compositional Analyses of Roundup Ready ® Corn Line NK603 Produced at Fayette County, Ohio, U.S. in 1999

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Exptl. Start Date: January, 2000

Exptl. Completion Date: August, 2001

Records Retention:

Monsanto. The raw data, protocol, final report and facility records will be retained at Monsanto, St. Louis.

Covance. The study-specific raw data currently archived at Covance facilities in Madison, WI will be transferred to Monsanto's archives in St. Louis 10 years after signature of the final Covance sub-report. Facility records will be retained at Covance.

Romer Labs. A copy of the raw data generated at Romer Labs will be archived with the study. Original raw data will be retained at Romer Labs facilities in Union, MO.

Sample Storage: Any unused study samples that are not destroyed will be stored at Monsanto, St. Louis.

Signatures of Approval:

Study Director — Date: 8/25/2001

Director, Product Safety Center — Date: 8/30/2001

Abbreviations and Definitions

SOP	Standard Operating Procedure
EPSPS	5-enolpyruvyl shikimate-3-phosphate synthase
PCR	Polymerase Chain Reaction
RR	Roundup Ready
fw	fresh weight
T/C/R	Test/Control/Reference

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Appendices

1.0 Summary

Monsanto Company has developed the Roundup Ready® corn event NK603, which contains a gene that expresses the 5-enolpyruvylshikimate-3-phosphate synthase protein isolated from *Agrobacterium sp.* strain CP4 (CP4 EPSPS) that confers tolerance to the family of Roundup® herbicides.

The purpose of this study was to determine the composition of, and measure the levels of pesticides and mycotoxins in grain from the test, control and reference control (T/C/R) lines to be used in a rat feeding study (ML-99-253). The identity of the T/C/R substances was confirmed by molecular (PCR) analyses and/or chain of custody records. Pesticide profile, mycotoxin and compositional analyses were conducted on the grain of the Roundup Ready® corn event NK603 (test line) and a non-transgenic control corn line produced in Ohio in 1999. The control line has background genetics representative of the test line but does not contain the CP4 EPSPS gene. Compositional, mycotoxin and pesticide profile analyses were conducted on non-transgenic commercial reference lines grown in 1999.

Components analyzed in the grain of the T/C/R substances included the following: nutrients, proximates [moisture, protein, fat, ash], crude fiber, acid digestible fiber, neutral detergent fiber, amino acid composition, fatty acid profile, chloride and minerals. Carbohydrate (CHO) values were estimated by calculation. Compositional analysis data on selected T/C/R substances was used to formulate diets for the rat feeding study. Contaminant analyses included mycotoxins (Appendix 2), pesticides (Appendix 4) and glyphosate (test line only) (Appendix 3).

PCR analysis confirmed the presence of the NK603 event and CP4 EPSPS protein in grain from the test line and the absence of the event and protein in grain from the control and reference control lines tested. The nutritional components of the test, control and reference control grain were within the range of published values for commercial corn varieties. Results of the contaminant analyses showed that the residues of pesticides were below the level of detection in the grain of the test, control and reference control lines. Glyphosate was detected at low levels (0.09 ppm) in the test line, slightly above the detection level of 0.05 ppm. Levels of mycotoxins in grain were within acceptable limits. The following reference control lines were selected for the rat feeding study since they were grown in geographical locations (Ohio, Indiana, Iowa, and Colorado), representing a diversity of germplasm, and had acceptable levels of contaminants: Pioneer 3394, Croplan Genetics 461, Campbells 6995, Crows 363, DK539 and DK537.

2.0 Introduction

2.1 *Background.* Monsanto Company has developed the Roundup Ready® corn event NK603, which contains a gene that expresses the 5-enolpyruvylshikimate-3-phosphate synthase protein isolated from *Agrobacterium sp.* strain CP4 (CP4 EPSPS) that confers tolerance to the family of Roundup® herbicides. Corn plants tolerant to Roundup herbicide are called Roundup Ready (RR).

2.2 *Purpose.* The purpose of this study was to determine the composition of, and measure the levels of potential contaminants (pesticides, mycotoxins) in, grain from the test, control and reference control lines to be used in a rat feeding study (ML-99-253). Pesticide profile, mycotoxins and compositional analyses were conducted on the grain of the Roundup Ready® corn event NK603 (test line) and the non-transgenic control corn line produced in Ohio in 1999. The control line has background genetics representative of the test line but does not contain the CP4 EPSPS gene. Compositional, mycotoxin and pesticide profile analyses were conducted on the grain of non-transgenic commercial reference control lines grown in 1999. This information was used, in part, to help select the 6 reference control lines that would be used in the 13 week rat feeding study. Composition data on the selected test, control, and reference control grain was used by Purina TestDiets (Richmond, Indiana) to formulate diets for a rat feeding study based on the formula for PMI Certified Rodent Diet # 5002.

3.0 Test, Control and Reference (T/C/R) Substances

The test (T), control (C) and reference (R) substances evaluated in the study are shown below.

Corn Line	T/C/R[1]	Prod. Plan or Origin
NK603	T: trans./Roundup Ready	99-01-46-36 (1999)
Control	C: non-trans.	99-01-46-36 (1999)
Crows 363	R: comm. non-trans.	99-01-46-36 (1999)
SC1087	R: comm. non-trans.	99-01-46-36 (1999)
SC1096	R: comm. non-trans.	99-01-46-36 (1999)
SC1116	R: comm. non-trans.	99-01-46-36 (1999)
Pioneer 3394	R: comm. non-trans.	99-01-46-36 (1999)
DK580	R: comm. non-trans.	99-01-46-36 (1999)
Pioneer 34G81	R: comm. non-trans.	U.S. 1999*
Campbells 6995	R: comm. non-trans.	U.S. 1999*
Croplan Genetics 461	R: comm. non-trans.	U.S. 1999*
NK4616	R: comm. non-trans.	U.S. 1999*
DK493	R: comm. non-trans.	U.S. 1999*
DK521	R: comm. non-trans.	U.S. 1999*

DK 537	R: comm. non-trans.	U.S. 1999*
DK 539	R: comm. non-trans.	U.S. 1999*

comm. = commercial; non-trans. = non-transgenic; prod. = production.

[1] Four commercial lines not listed above were also purchased but were not evaluated for the rat feeding study. These lines were DK507, DK527, Croplan Genetics 561 and Pioneer 33Y18.

* purchased from commercial growers

3.1 *Test Substance.* The test substance was grain containing corn event NK603 grown in 1999 in Fayette County, Ohio under Production Plan 99-01-46-36.

3.2 *Control Substance.* The control substance was grain from the non-transgenic control corn with background genetics representative of the test line (NK603) also produced in Fayette County, Ohio in 1999 under Production Plan 99-01-46-36.

3.3 *Reference Control Substances.* The reference control substances were grain from the following non-transgenic commercial lines purchased in 1999 from U.S. growers: Pioneer 34G81 and Campbells 6995 from Heartland Technologies, Inc., Noblesville, IN., and NK 4616 and Cropland Genetics 461 from Land O'Lakes Research Farm, Webster City, Iowa and DK493, DK521, DK 537 and DK 539 purchased from Wayne Weyerman, Idalia, Yuma County, Colorado. Non-transgenic commercial reference control lines, Crows 363, Pioneer 3394, SC 1087, SC1096, SC1116, DK580 were produced under Production Plan 99-01-46-36.

The grain of the test, control and reference control substances was harvested and shipped to Monsanto, Chesterfield, MO, USA. Grain samples used for analysis were generally ground before shipment to the analytical testing laboratory.

4.0 T/C/R Substance Identity

The identity of the T/C/R substances was established as follows: a) The presence of the NK603 event test substance was verified by an event-specific polymerase chain reaction (PCR) and by sample transfer records, b) the identity of the control substance was verified by field and/or sample transfer records and use as a negative control in the NK603 event-specific PCR assay, c) the identity of the reference control substances was verified by field and/ sample transfer records and other documentation (Appendix 1). The PCR methods used to identify the NK603 event are provided in Appendix 1.

5.0 T/C/R Substance Characterization

5.1 *Mycotoxin Analysis at Romer Labs.* To ensure suitability of material for the rat feeding study, the grain of the test, control, and reference control substances was analyzed for mycotoxin contamination by Romer Labs, according to the methods employed for the 'Mycotoxin Screen' test which includes: Aflatoxins B1, B2, G1, and G2, Ochratoxin A, Citrinin, T-2 and HT-2 Toxins, Diacetoxyscirpenol, Neosolaniol, Fusarenon X, Deoxynivalenol, 15 Acetyl-DON and 3-Acetyl-DON, Nivalenol, Zearalenone, and Fumonisins B1, B2, and B3. The methods used to measure mycotoxins are listed in Appendix 1.

5.2 *Pesticide Profile and Compositional Analysis at Covance Labs.* Grain of the T/C/R substances was analyzed at Covance, Inc., for the presence of pesticides using the FDA PAM 304 pesticide screen (M304). The following compositional analyses were performed: proximates [moisture (M100), protein (PGEN), fat (FSOX), ash (ASHM)], crude fiber (CFIB), acid digestible fiber (ADF), chloride (CLA), neutral detergent fiber (NDFE), amino acid composition (TAAP), fatty acid profile (FAPM), and calcium, copper, iron, magnesium, manganese, phosphorus, potassium, sodium, and zinc (ICPS), cadmium (CDA) and selenium (SEAS). Carbohydrate (CHO) values were estimated by calculation.

The analytical methods used to perform these analyses are described in the Covance Analytical Sub-report (see Appendix 4). There are two reports provided, 6103-257 and 6103-255; the latter report includes the results for DK537 and DK539 which were used as reference controls in the 13 week rat feeding study with NK603 grain. Another 13 week rat feeding study was conducted with a different test material and control line, but used the same reference controls as the NK603 rat feeding study. These two rat feeding studies were conducted concurrently in the same room. Results of the rat feeding studies are presented in separate reports.

5.3 *Glyphosate Analysis at Monsanto.* Since an application of Roundup herbicide was made to test substance plants during production, the harvested grain was analyzed by the method described in SOP RES-008-90 (v.6) in order to estimate glyphosate residues. Since the Covance FDA PAM 304 screen did not include glyphosate, this analysis was performed at Monsanto using validated methods. The control and reference control substances were not analyzed as they were non-transgenic lines that were not sprayed with glyphosate during production.

6.0 Results and Discussion

6.1 *T/C/R Substance Identity.* The identity of the test and control substances was confirmed as follows. Results showed that corn event NK603 was positive in the

PCR assay, showing bands of the expected size for the NK603 event (Appendix 1). The control substance was negative in the PCR assay, confirming the absence of the NK603 event.

6.2 *Mycotoxin Analysis.* Results showed that the levels of all 19 mycotoxin components were below the detection limit of the assay in the grain of the reference control substances Pioneer 3394, NK4616, DK580 and Campbells 6995 (see Appendix 2). The remaining T/C/R substances had at least one mycotoxin component level at or above the detection limit of the assay, as shown below (Appendix 2).

Table 1

T/C/R SUSTANCE		Deoxynivalenol	Fumonisin B1	Fumonisin B2	Fumonisin B3
ROMER Sample Number	NAME	(0.1 ppm)[a]	(0.1 ppm)[a]	(0.1 ppm)[a]	(0.1 ppm)[a]
16990	Crows 363	nd[b]	0.4	nd	nd
17254	Crows 363	nd	0.9	0.2	nd
16990	SC 1087	nd	1.6	0.3	nd
17254	SC 1087	nd	1.5	0.4	nd
16990	SC1096	nd	0.1	nd	nd
16990	SC1116	nd	0.3	nd	nd
16990	Pioneer 3394	nd	nd	nd	nd
17254	Pioneer 3394	nd	nd	nd	nd
17254	Pioneer 34G81	0.5	0.7	nd	nd
17254	NK 4616	nd	nd	nd	nd
17254	Campbells 6995	nd	nd	nd	nd
17254	Croplan Genetics 461	nd	0.6	nd	nd
17218	DK493	nd	0.2	nd	nd
17218	DK521	nd	0.5	nd	nd
17218	DK537	nd	0.5	0.1	nd
17218	DK539	0.7	0.3	nd	nd
16990	DK580	nd	nd	nd	nd
16990	NK603	nd	1.1	0.3	nd
17254	NK603	nd	0.5	nd	nd
16990	Control	nd	1.0	0.4	nd
17254	Control	nd	2.1	0.6	0.1

[a]Detection limit.
[b]nd = not detected (< detection limit).

A value of ≤3 ppm for the total fumonisin content in the formulated diet, was established as a criterion for including grain in the proposed rat feeding study. This was based on the No Observed Effect Level (NOEL) of 3 ppm determined for fumonisin B_1 in a 90 day rat feeding study (Voss et al., 1995). Thus, since the grain of each line would be blended with other ingredients at a ratio of ~33% w/w to prepare the formulated diet, 1/3 of the total fumonisin content in the grain would need to be <3 ppm.

Mycotoxin levels in the grain of the test and control substances grown in Ohio contained detectable, but low levels of total fumonisins (0.5-2.8 ppm). Low levels of total fumonisins were also found in some reference control substances (0.1 - 1.9 ppm). However, since the total fumonisin content in the formulated diets (corn represents approximately 33% of diet) would be below the 3 ppm criterion, they were considered acceptable for the rat feeding study.

6.3 *Pesticide Profile and Compositional Analysis of Grain.* Pesticide profile results (see Appendix 4) showed that pesticide residues in the grain of all test, control and reference control substances were below the detection limit of the analytical methods used (with the exception of glyphosate in the test line, see 6.4, also Appendix 3).

Compositional analysis results for the grain of test, control, and reference control substances are summarized in Appendix 4. Nutrient component values obtained were in the range found for commercial corn (Watson, 1982 and 1987).

6.4 *Glyphosate Analysis.* Results (Appendix 3) showed that glyphosate residue in the grain of the test substance was slightly above (0.09 ppm) the assay detection limit (<0.05 ppm).

6.5 *Selection of Lines.* The following reference control lines were selected for the rat feeding study since they were grown in different geographical locations (states of Ohio, Indiana, Iowa, and Colorado), represented a diversity of germplasm, and had acceptable levels of contaminants; Pioneer 3394, Croplan Genetics 461, Campbells 6995, Crows 363, DK539 and DK537.

7.0 Conclusion

PCR analyses confirmed the presence of the NK603 event in grain from the test line and the absence of the event in grain from the control line and the reference control lines that were tested. The nutritional components of the grain were in the range of values for commercial corn varieties. Results of the contaminant analyses showed that the residues of pesticides were below the level of detection in the grain of the test, control and

reference control lines. Glyphosate was detected at low levels (0.09 ppm) in the test line, barely above the detection level of 0.05 ppm for glyphosate. Levels of mycotoxins in grain were within acceptable limits. The following reference control lines were selected for the rat feeding study since they were grown in different geographical locations (Ohio, Indiana, Iowa, and Colorado), represented a diversity of germplasm, and had acceptable levels of contaminants: Pioneer 3394, Croplan Genetics 461, Campbells 6995, Crows 363, DK539 and DK537.

8.0 Acknowledgements

The authors would like to acknowledge Ravi Sidhu and Rich Dudek for help with report preparation and review. We thank the Sample Preparations group for tissue processing and Ralph Simmons for sample shipment.

9.0 Disposition of T/C/R Samples

All unused samples of T/C/R substances were disposed of by the various testing facilities (Monsanto, Covance, Romer Labs).

10.0 References

Voss, K.A., Chamberlain, W.J., Bacon, C.W., Hebert, R.A., Walters, D.B. and Norred, W.P. 1995. Subchronic Toxicity of Fumonisin B1 to Male and Female Rats, *Fundam. Appl. Toxicol.*, 24:102-110.

Watson, S.A. 1982. Maize: Amazing Maize. General Properties. *In* CRC Handbook of Processing and Utilization in Agriculture, Volume II: Part 1 Plant Products. I.A. Wolff (ed). CRC Press, Inc., Florida, pp 3-29.

Watson, S.A. 1987. Structure and composition. *In* Maize Chemistry and Technology. Watson, S.A. and R.E. Ramstad, Eds. American Association of Cereal Chemists, Inc., St. Paul, Minnesota, pp. 53-82.

Appendix 1.
Test and Control Substance Identity by PCR Analysis

Identity Confirmation of Test Substance NK603 For Use In Study # 99-01-46-54.

Tracey A. Cayato
February 22, 2000

I. Purpose

The purpose of this work was to confirm the identity of the test substance NK603 for use in study #99-01-46-54. The test substance NK603 is a corn line containing the NK603 transformation event. Approximately 35 grams of processed test substance was provided on dry ice and was stored in a -80°C freezer. This was a representative sample of the test substance to be used in Study # 99-01-46-54.

II. Materials and Methods

A. **Extraction of Genomic DNA.** DNA was extracted from approximately 100 milligrams of the test substance using the Dneasy Plant Mini Kit from Qiagen (Catalog # 69104; Lot # FRG004/FQG011/G01/80). The DNA was eluted in a final volume of 50 µl and stored in a 4°C refrigerator.

B. **PCR Amplification.** GA21 event specific PCR with an ADH1 internal control was performed according to SOP BQ-QC-0203-01. The presence of the NK603 transformation event is confirmed by a single PCR product of approximately 305 bp. The method will also confirm the processivity of the template DNA by the amplification of ADH1, a single copy gene within the endogenous maize genome. This identification is demonstrated by a single PCR product of approximately 140 bp. A corn line known to contain the NK603 event as well as a non-transgenic corn line (B73) were used as templates in positive and negative control PCR reactions, respectively.

C. **Analysis of PCR Products.** All PCR products were analyzed by electrophoresis on 2% agarose with ethidium bromide staining according to SOP BQ-QC-0203-01. Gibco BRLs 100 bp DNA ladder (catalog # 15628-019) was used as a size estimator. DNA was visualized by illumination with UV light and a photograph of the gel was taken for a permanent record.

III. Results and Discussion

Results of the NK603 event specific PCR are shown in Figure 1. The test substance, corn line NK603 (lane 19), produced the expected size bands at 305 bp and 140 bp representing the NK603 event and the ADH1 control band, respectively. The NK603 positive control reaction (lane 17) also produced the two expected bands representing NK603 and ADH1. The B73 non-transgenic negative control (lane 18) produced the ADH1 internal control band at 140 bp but did not produce the NK603 specific band at

305 bp. Also, the no template control reaction (lane 20) did not yield any products as expected since it did not contain any DNA template.

IV. Conclusion

Based on the results, it is concluded that corn line NK603 for study 99-01-46-54 contains the NK603 transformation event.

Signatures of Approval

Patrick Weston
Testing Facilities Management

Date: April 21, 2000

Tracey Cavato
Principle Investigator

Date: 4/21/00

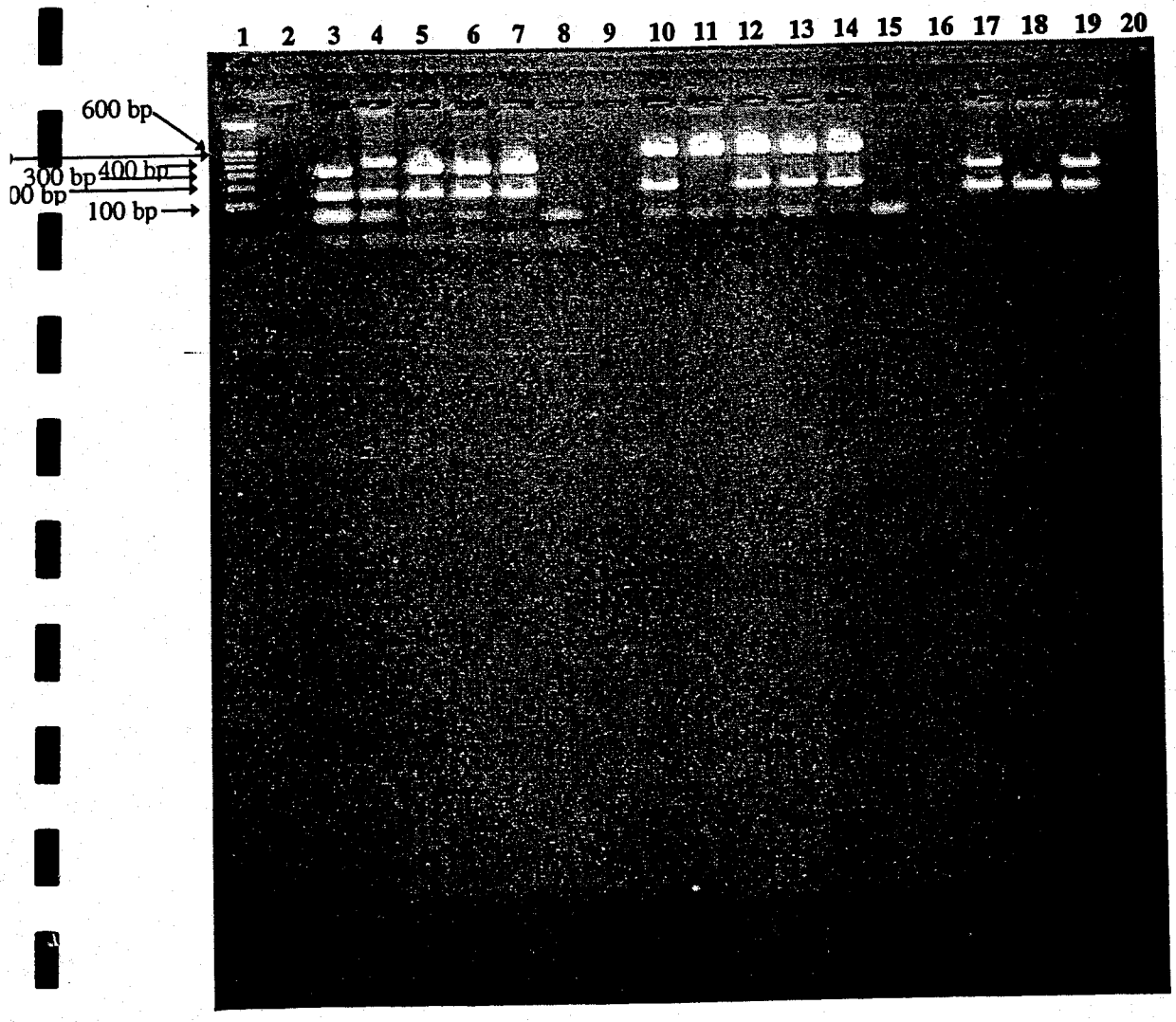

Figure 1. Event Specific PCR. Agarose gel analysis with ethidium bromide staining of products from MON 810, GA21, and NK603 event specific PCR assays. Twenty microliters of each reaction was loaded on the gel.

Lane 1: Gibco BRL 100 Bp DNA ladder
Lane 2: Blank
Lane 3: MON 810 positive control for studies 99-01-39-20, 99-01-39-21, 00-01-39-03
Lane 4: B73 non-transgenic negative control for studies 99-01-39-20, 99-01-39-21, 00-01-39-03
Lane 5: 34 F 80 Study 00-01-39-03
Lane 6: 34 F 80 Study 99-01-39-20
Lane 7: 34 F 80 Study 99-01-39-21
Lane 8: No template control for studies 99-01-39-20, 99-01-39-21, 00-01-39-03
Lane 9: Blank
Lane 10: GA21 positive control for studies 99-01-46-44, 99-01-46-46, 99-01-46- 47
Lane 11: B73 non-transgenic negative control for studies 99-01-46-44, 99-01-46-46, 99-01-46-47
Lane 12: DK626RR Study 99-01-46-44
Lane 13: DK626RR Study 99-01-46-46
Lane 14: DK626RR Study 99-01-46-47
Lane 15: No template control for studies 99-01-46-44, 99-01-46-46, 99-01-46-47
Lane 16: Blank
Lane 17: NK603 positive control for study 99-01-46-54
Lane 18: B73 non-transgenic negative control for study 99-01-46-54
Lane 19: NK603 Study 99-01-46-54
Lane 20: No template control for study 99-01-46-54

Appendix 2.
Mycotoxin Analysis Results (Romer Labs)

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ROMER LABS INC.
MYCOTOXIN SPECIALISTS
1301 STYLEMASTER DRIVE
UNION, MO 63084
(314) 583-8600

Client: Monsanto
700 Chesterfield Village Pkwy
Chesterfield, MO 63198

Sample Number: 16990
Invoice Number: 15288
Receive Date: 11/5/99
Report Date: 11/12/99

Contact: Mary Taylor

nple Description:
Corn, NK603, 635g
Corn, NK541, 600g
Corn, Control, 645g
Corn, Pioneer 3394, 650g
Corn, Crows 363, 670g
Corn, SC1087, 588g

est Description:	**Detection Limits**	**Sample Numbers** 1	2	3	4	5	6
atoxin B1	**1.0 ppb**	ND	ND	ND	ND	ND	ND
atoxin B2	**1.0 ppb**	ND	ND	ND	ND	ND	ND
atoxin G1	**1.0 ppb**	ND	ND	ND	ND	ND	ND
atoxin G2	**1.0 ppb**	ND	ND	ND	ND	ND	ND
hratoxin A	**5 ppb**	ND	ND	ND	ND	ND	ND
rinin	**0.2 ppm**	ND	ND	ND	ND	ND	ND
: Toxin	**0.1 ppm**	ND	ND	ND	ND	ND	ND
-2 Toxin	**0.1 ppm**	ND	ND	ND	ND	ND	ND
cetoxyscirpenol	**0.3 ppm**	ND	ND	ND	ND	ND	ND
osolaniol	**0.5 ppm**	ND	ND	ND	ND	ND	ND
salenon X	**0.5 ppm**	ND	ND	ND	ND	ND	ND
oxynivalenol	**0.1 ppm**	ND	ND	ND	ND	ND	ND
Acetyl-DON	**0.1 ppm**	ND	ND	ND	ND	ND	ND
cetyl-DON	**0.1 ppm**	ND	ND	ND	ND	ND	ND
valenol	**0.5 ppm**	ND	ND	ND	ND	ND	ND
aralenone	**100 ppb**	ND	ND	ND	ND	ND	ND
monisin B1	**0.1 ppm**	1.1	1.3	1.0	ND	0.4	1.6
monisin B2	**0.1 ppm**	0.3	0.4	0.4	ND	ND	0.3
monisin B3	**0.1 ppm**	ND	ND	ND	ND	ND	ND

Approved By: Jonne Hanneken

ND = NONE DETECTED
For Unusual Samples Detection Limits May Be Higher
We Sincerely appreciate your business. Please feel free to call (314) 583-8600, if you have any questions regarding these results
All reports on the mycotoxin analysis of food, feed, and grain samples apply only to the samples submitted. Reports are not a guarantee of quality of the material of product from which the samples were taken for submission for analysis.

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ROMER LABS INC.
MYCOTOXIN SPECIALISTS
1301 STYLEMASTER DRIVE
UNION, MO 63084
(314) 583-8600

Client: Monsanto
700 Chesterfield Village Pkwy
Chesterfield, MO 63198

Sample Number: 16990
Invoice Number: 15288
Receive Date: 11/5/99
Report Date: 11/12/99

Contact: Mary Taylor

nple Description:
:orn, SC1096, 640g
:orn, SC1116, 600g
:orn, DK580, 645g

****

st Description:	Detection Limits	Sample Numbers 7	8	9
ıtoxin B1	1.0 ppb	ND	ND	ND
ıtoxin B2	1.0 ppb	ND	ND	ND
ıtoxin G1	1.0 ppb	ND	ND	ND
ıtoxin G2	1.0 ppb	ND	ND	ND
ıratoxin A	5 ppb	ND	ND	ND
inin	0.2 ppm	ND	ND	ND
Toxin	0.1 ppm	ND	ND	ND
2 Toxin	0.1 ppm	ND	ND	ND
cetoxyscirpenol	0.3 ppm	ND	ND	ND
ısolaniol	0.5 ppm	ND	ND	ND
arenon X	0.5 ppm	ND	ND	ND
ıxynivalenol	0.1 ppm	ND	ND	ND
Acetyl-DON	0.1 ppm	ND	ND	ND
cetyl-DON	0.1 ppm	ND	ND	ND
alenol	0.5 ppm	ND	ND	ND
ralenone	100 ppb	ND	ND	ND
nonisin B1	0.1 ppm	0.1	0.3	ND
nonisin B2	0.1 ppm	ND	ND	ND
nonisin B3	0.1 ppm	ND	ND	ND

Approved By: Jonne Hamaker

ND = NONE DETECTED
For Unusual Samples Detection Limits May Be Higher
We Sincerely appreciate your business. Please feel free to call (314) 583-8600,
if you have any questions regarding these results
All reports on the mycotoxin analysis of food, feed, and grain samples apply only
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material of product from which the samples were taken for submission for analysis.

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MYCOTOXIN SPECIALISTS
1301 STYLEMASTER DRIVE
UNION, MO 63084
(314) 583-8600

Client: Monsanto
700 Chesterfield Village Pkwy
Chesterfield, MO 63198

Contact: Mary Taylor

Sample Number: 17218
Invoice Number: 15504
Receive Date: 2/1/00
Report Date: ~~2/8/00~~ 2/9/00
Updated Report: 1/18/01

I put the wrong date in Charles Stone 18 JAN 01 (TG) MCT 1/18/01

e Description:
1, DK521, 126g
1, DK539, 126g
1, DK551 Parental, 124g
1, DK493, 126g
1, DK493AF, 120g
1, Burrus BX86, 124g

Description:	Detection Limits	Sample Numbers 1	2	3	4	5	6
xin B1	1.0 ppb	ND	ND	ND	ND	ND	ND
xin B2	1.0 ppb	ND	ND	ND	ND	ND	ND
xin G1	1.0 ppb	ND	ND	ND	ND	ND	ND
xin G2	1.0 ppb	ND	ND	ND	ND	ND	ND
tox A	5 ppb	ND	ND	ND	ND	ND	ND
n	0.2 ppm	ND	ND	ND	ND	ND	ND
xin	0.1 ppm	ND	ND	ND	ND	ND	ND
oxin	0.1 ppm	ND	ND	ND	ND	ND	ND
oxy cirpenol	0.3 ppm	ND	ND	ND	ND	ND	ND
lan l	0.5 ppm	ND	ND	ND	ND	ND	ND
non X	0.5 ppm	ND	ND	ND	ND	ND	ND
nivalenol	0.1 ppm	ND	0.7	0.1	ND	ND	ND
tyl ON	0.1 ppm	ND	0.1	ND	ND	ND	ND
yl-ON	0.1 ppm	ND	ND	ND	ND	ND	ND
nol	0.5 ppm	ND	ND	ND	ND	ND	ND
en e	100 ppb	ND	ND	ND	ND	ND	ND
nis B1	0.1 ppm	0.5	0.3	0.9	0.2	ND	0.7
nisin B2	0.1 ppm	ND	ND	0.2	ND	ND	ND
nisin B3	0.1 ppm	ND	ND	ND	ND	ND	ND

Approved By: Craig Humphrey 18 JAN 01

ND = NONE DETECTED
For Unusual Samples Detection Limits May Be Higher
We Sincerely appreciate your business. Please feel free to call (314) 583-8600,
If you have any questions regarding these results
All reports on the mycotoxin analysis of food, feed, and grain samples apply only to the samples submitted. Reports are not a guarantee of quality of the material of product from which the samples were taken for submission for analysis.

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ROMER LABS INC.
MYCOTOXIN SPECIALISTS
1301 STYLEMASTER DRIVE
UNION, MO 63084
(314) 583-8600

Rec'd 6-14-01 BKA

Client: Monsanto
700 Chesterfield Village Pkwy
Chesterfield, MO 63198

Contact: Mary Taylor

Sample Number: 17218
Invoice Number: 15504
Receive Date: 2/1/00
Report Date: ~~2/8/00~~ 2/9/00

I put the wrong date in
Charla Hou
18 JAN 00

ample Description:
=Corn, DK537, 132g
=Corn, DK493RRBTY, 122g
=Corn, RX826, 124g
)=Corn, ~~DK55BT~~, 124g
DK551BT TRANCRIPTION ERROR CJ 13 JUNE 01

'est Description:

	Detection Limits	Sample Numbers 7	8	9	10
flatoxin B1	1.0 ppb	ND	ND	ND	ND
flatoxin B2	1.0 ppb	ND	ND	ND	ND
flatoxin G1	1.0 ppb	ND	ND	ND	ND
flatoxin G2	1.0 ppb	ND	ND	ND	ND
chratoxin A	5 ppb	ND	ND	ND	ND
trinin	0.2 ppm	ND	ND	ND	ND
2 Toxin	0.1 ppm	ND	ND	ND	ND
T-2 Toxin	0.1 ppm	ND	ND	ND	ND
acetoxyscirpenol	0.3 ppm	ND	ND	ND	ND
osolaniol	0.5 ppm	ND	ND	ND	ND
sarenon X	0.5 ppm	ND	ND	ND	ND
oxynivalenol	0.1 ppm	ND	ND	ND	ND
Acetyl-DON	0.1 ppm	ND	ND	ND	ND
Acetyl-DON	0.1 ppm	ND	ND	ND	ND
valenol	0.5 ppm	ND	ND	ND	ND
aralenone	100 ppb	ND	ND	ND	ND
monisin B1	0.1 ppm	0.5	0.1	0.3	0.4
monisin B2	0.1 ppm	0.1	ND	ND	ND
monisin B3	0.1 ppm	ND	ND	ND	ND

Approved By: Craig Humphrey

ND = NONE DETECTED
For Unusual Samples Detection Limits May Be Higher
We Sincerely appreciate your business. Please feel free to call (314) 583-8600, if you have any questions regarding these results
All reports on the mycotoxin analysis of food, feed, and grain samples apply only to the samples submitted. Reports are not a guarantee of quality of the material of product from which the samples were taken for submission for analysis.

CONFIDENTIAL

ROMER LABS INC.
MYCOTOXIN SPECIALISTS
1301 STYLEMASTER DRIVE
UNION, MO 63084
(314) 583-8600

Client: Monsanto
700 Chesterfield Village Pkwy
Chesterfield, MO 63198

Sample Number: 17254
Invoice Number: 15539
Receive Date: 2/17/00
Report Date: 2/24/00

Contact: Bruce Hammond

Sample Description:
Grain, Ground, NK 603, 226g
Grain, Ground, Untreated Control, 228g
Grain, Ground, Crows ~~636~~, 224g → 363 TRANSCRIPTION ERROR cjo 14 JUNE 01
Grain, Ground, SC 1087, 224g
Grain, Ground, Pioneer 3394, 224g
Grain, Ground, Croplan Genetics 461, 228g

Test Description:	Detection Limits	Sample Numbers 1	2	3	4	5	6
Aflatoxin B1	1.0 ppb	ND	ND	ND	ND	ND	ND
Aflatoxin B2	1.0 ppb	ND	ND	ND	ND	ND	ND
Aflatoxin G1	1.0 ppb	ND	ND	ND	ND	ND	ND
Aflatoxin G2	1.0 ppb	ND	ND	ND	ND	ND	ND
Ochratoxin A	5 ppb	ND	ND	ND	ND	ND	ND
Vomitoxin	0.2 ppm	ND	ND	ND	ND	ND	ND
T-2 Toxin	0.1 ppm	ND	ND	ND	ND	ND	ND
HT-2 Toxin	0.1 ppm	ND	ND	ND	ND	ND	ND
Diacetoxyscirpenol	0.3 ppm	ND	ND	ND	ND	ND	ND
Neosolaniol	0.5 ppm	ND	ND	ND	ND	ND	ND
Fusarenon X	0.5 ppm	ND	ND	ND	ND	ND	ND
Deoxynivalenol	0.1 ppm	ND	ND	ND	ND	ND	ND
3-Acetyl-DON	0.1 ppm	ND	ND	ND	ND	ND	ND
15-Acetyl-DON	0.1 ppm	ND	ND	ND	ND	ND	ND
Nivalenol	0.5 ppm	ND	ND	ND	ND	ND	ND
Zearalenone	100 ppb	ND	ND	ND	ND	ND	ND
Fumonisin B1	0.1 ppm	0.5	2.1	0.9	1.5	ND	0.6
Fumonisin B2	0.1 ppm	ND	0.6	0.2	0.4	ND	ND
Fumonisin B3	0.1 ppm	ND	0.1	ND	ND	ND	ND

Exact Copy of Original as of 14 June 01 (Date)
Certified By: cjo (Initials or Signature)
Location of Original: Romer

Approved By: Craig Humphrey

ND = NONE DETECTED
For Unusual Samples Detection Limits May Be Higher
We Sincerely appreciate your business. Please feel free to call (314) 583-8600, if you have any questions regarding these results
All reports on the mycotoxin analysis of food, feed, and grain samples apply only to the samples submitted. Reports are not a guarantee of quality of the material of product from which the samples were taken for submission for analysis.

CONFIDENTIAL

ROMER LABS INC.
MYCOTOXIN SPECIALISTS
1301 STYLEMASTER DRIVE
UNION, MO 63084
(314) 583-8600

Client: Monsanto
700 Chesterfield Village Pkwy
Chesterfield, MO 63198

Sample Number: 17254
Invoice Number: 15539
Receive Date: 2/17/00
Report Date: 2/24/00

Contact: Bruce Hammond

ample Description:
:Grain, Ground, NK 4616, 216g
:Grain, Ground, Campbells 6995, 234g
:Grain, Ground, Pioneer 34G81, 232g

'est Description:	Detection Limits	Sample Numbers 7	8	9
latoxin B1	1.0 ppb	ND	ND	ND
latoxin B2	1.0 ppb	ND	ND	ND
latoxin G1	1.0 ppb	ND	ND	ND
latoxin G2	1.0 ppb	ND	ND	ND
chratoxin A	5 ppb	ND	ND	ND
trinin	0.2 ppm	ND	ND	ND
2 Toxin	0.1 ppm	ND	ND	ND
T-2 Toxin	0.1 ppm	ND	ND	ND
acetoxyscirpenol	0.3 ppm	ND	ND	ND
osolaniol	0.5 ppm	ND	ND	ND
isarenon X	0.5 ppm	ND	ND	ND
oxynivalenol	0.1 ppm	ND	ND	0.5
Acetyl-DON	0.1 ppm	ND	ND	0.1
Acetyl-DON	0.1 ppm	ND	ND	ND
valenol	0.5 ppm	ND	ND	ND
aralenone	100 ppb	ND	ND	ND
monisin B1	0.1 ppm	ND	ND	0.7
monisin B2	0.1 ppm	ND	ND	ND
monisin B3	0.1 ppm	ND	ND	ND

Exact Copy of Original as of 14 June 01
Date
Certified By CP
Initials or Signature
Location of Original Romer

Approved By: Craig Humphrey

ND = NONE DETECTED
For Unusual Samples Detection Limits May Be Higher
We Sincerely appreciate your business. Please feel free to call (314) 583-8600, if you have any questions regarding these results
All reports on the mycotoxin analysis of food, feed, and grain samples apply only to the samples submitted. Reports are not a guarantee of quality of the material of product from which the samples were taken for submission for analysis.

Mycotoxin Screen Analysis Synopsis

The procedure for the mycotoxin screen begins with the samples being logged by product and identification numbers supplied by the clients into a sample logbook. From there the samples are prepared for extraction according to the methods to be used for analysis. There are several extraction solvents used for the mycotoxin screen, which are specific for the purification columns used in each analysis. The 84/16 acetonitrile/ H2O solution is used for aflatoxin, zearalenone, and the nine trichothecenes tested for in the screen. For ochratoxin A and citrinin, a 0.1 M phosphoric acid in H2O solution is added to the sample to hydrate before extraction with methylene chloride. The fumonisins are extracted with 50/50 acetonitrile/ H2O. Other extraction solvents may be effective in extracting the toxins from matrices, but may not be efficient through the purification columns that are QCd with specific solvent systems. After the samples have been extracted over a specified amount of time, they are filtered into collection jars with funnels and various filter papers as instructed by the methods for analysis and storage.

The analyses consist of multiple tasks, using many solvent systems and various methods to complete the mycotoxin screen. Starting with the 84/16 extraction solvent allows for the majority of the toxins to be analyzed. Aflatoxin uses a Romer MycoSep column purification followed by HPLC with Kobra Cell and fluorescence detection according to the Romer Aflatoxin HPLC method. Zearalenone also uses the Romer MycoSep column for purification, but only uses HPLC with fluorescence detector according to the Romer Zearalenone HPLC method. The trichothecenes use a different MycoSep column, being spotted on two different TLC plates and developed in two different solvent systems. The Type A trichothecenes (T2, HT2, diacetoxyscripenol (DAS), and neosolaniol) are spotted on a reverse phase C-18 silica gel TLC plate. The Type B trichothecenes (fusarenon-X (FX), deoxynivalenol (DON), 3- and 15-acetyl DON's, and nivalenol) are spotted on a silica gel TLC plate then both are quantified in accordance with the Romer Type A /Type B trichothecene dual column method.

Ochratoxin A and citrinin use acidified methylene chloride extract through a Romer MultiSep column, then the citrinin is spotted on silica gel TLC plate saturated with 10% glycolic acid in methanol. The Ochratoxin is then determined by HPLC with fluorescence detector both according to the Ochratoxin HPLC/ Citrinin TLC method. Fumonisins are determined using the 50/50 acetonitrile/ H2O extract through a Romer MultiSep column, NDA derivative on HPLC with fluorescence detector according to the Romer Fumonisin B1, B2, and B3 method. After careful review, all results are then reported to the client at requested limits in accordance with the routine analysis performed by Romer Labs, Inc.

Appendix 3.
Glyphosate Residue Analysis Results (Monsanto)

ANALYTICAL RESULTS FOR GLYPHOSATE AND AMPA RESIDUES IN NK603 CORN GRAIN

Production Plan 99-01-46-36

SAMPLE ANALYSIS

A sample of NK603 corn grain generated under Production Plan 99-01-46-36 and treated with Roundup® herbicide was analyzed by the procedures described in 'Analytical Method for Glyphosate and AMPA in Raw Agricultural Commodities and their Processed Commodities', document number RES-008-90, version 6. The limit of detection for both glyphosate and AMPA (aminomethylphosphonic acid) has been previously demonstrated to be 0.05 ppm in various crop matrices. The NK603 sample was analyzed in duplicate.

An untreated corn grain sample was obtained from a separate study for the purpose of demonstrating the performance of the method. Aliquots of the sample were fortified with both glyphosate and AMPA at levels of 0.05 ppm and 1.0 ppm at the time of extraction and analyzed concurrently with the NK603 sample.

RESULTS AND DISCUSSION

The residue levels of glyphosate and AMPA in the duplicate analyses of the NK603 grain sample are presented in the following table. The glyphosate residues averaged 0.09 ppm, and AMPA residues were below the limit of detection (0.05 ppm).

	PPM	
	Glyphosate	AMPA
NK603 grain	0.09	<0.05
	0.10	<0.05
Average	0.09	<0.05

The analytical recoveries from fortified samples of untreated corn grain are summarized below. The ppm value and the recovery percent for the fortified samples are corrected for the apparent residues found in the corresponding untreated sample.

	Fort. Amt.	PPM Found		% Recovery	
Sample ID	(PPM)	Glyphosate	AMPA	Glyphosate	AMPA
Untreated grain	0.00	0.013	0.006	NA	NA
Fortified grain	0.05	0.031	0.033	62.8	66.0
Fortified grain	1.00	0.790	0.968	79.0	96.8

The raw data for this study and a copy of this report will be retained in the Environmental Sciences Technology Center archives.

Date: 7/5/01 Signature: Marian A Bleeke

Appendix 4.
Compositional Analysis Results, and Report (Covance)

Final Analytical Subreport

Pesticide Profile and Compositional Analysis of YIELDGARD® Corn Line DK 551BtY Produced at Yuma County, Colorado, U.S. in 1999

PREPARED FOR:
Monsanto Company

COVANCE STUDY NUMBER:
6103-255

ISSUE DATE:
June 8, 2000

COVANCE
THE DEVELOPMENT SERVICES COMPANY

Sponsor

Monsanto Company
St. Louis, Missouri

FINAL ANALYTICAL SUBREPORT

Subreport Title

Pesticide Profile and Compositional Analysis of YIELDGARD® Corn Line DK 551BtY
Produced at Yuma County, Colorado, U.S. in 1999

Author

Matthew L. Breeze

Subreport Completion Date

June 8, 2000

Performing Laboratory

Covance Laboratories Inc.
3301 Kinsman Blvd.
Madison, Wisconsin 53704

Laboratory Study Identification

Covance 6103-255

Monsanto Study Number

99-01-39-33

QUALITY ASSURANCE STATEMENT

This report has been reviewed by the Quality Assurance Unit of Covance Laboratories Inc., in accordance with the Environmental Protection Agency (EPA) Good Laboratory Practice Standards, 40 CFR 160. The following inspections were conducted and findings reported to the principal investigator (PI), study director (SD), and associated management.

Inspection Dates			Date Reported to PI and	Date Reported to SD and
From	To	Phase	PI Management	SD Management
05/30/00	06/06/00	Data Review	06/06/00	06/07/00
05/30/00	06/06/00	Report Review	06/06/00	06/07/00
06/08/00	06/08/00	Report Review	06/08/00	06/08/00

Kimberly A. Larson
Representative, Quality Assurance Unit

6-8-00
Date

TABLE OF CONTENTS

STUDY IDENTIFICATION

Pesticide Profile and Compositional Analysis of YIELDGARD® Corn Line DK 551BtY Produced at Yuma County, Colorado, U.S. in 1999

Test Substance:	YIELDGARD® corn line DK551BtY produced at Yuma County, Colorado, U.S. in 1999
Sponsor Study No.:	99-01-39-33
Sponsor Study Title:	Pesticide Profile, Mycotoxin, and Compositional Analysis of YIELDGARD® Corn Line DK 551BtY Produced at Yuma County, Colorado, U.S. in 1999
Sponsor:	Monsanto Company Biotechnology Regulatory Sciences 700 Chesterfield Village Parkway North St. Louis, MO 63198
Primary Testing Facility:	Monsanto Company 700 Chesterfield Parkway North St. Louis, MO 63198
Study Director:	Bruce G. Hammond, PhD, DABT Monsanto Company – BB5G 700 Chesterfield Parkway North St. Louis, MO 63198 Phone: (636) 737-6436 FAX: (636) 737-6189 e-mail: bruce.g.hammond@monsanto.com
Monsanto Principal Contact:	Ronald P. Lirette Monsanto Company - BB5F Regulatory Sciences 700 Chesterfield Parkway North St. Louis, MO 63198 Phone: (636) 737-5603 FAX: (636) 737-6189 e-mail: ronald.p.lirette@monsanto.com

Compositional Analysis Testing Facility:	Covance Laboratories Inc. 3301 Kinsman Blvd. Madison, WI 53704
Covance Principal Investigator:	Matthew L. Breeze Covance Laboratories Inc. Phone: (608) 242-2712 ext. 2254 FAX: (608) 242-7903 e-mail: matthew.breeze@covance.com

Study Timetable

Study Initiation Date:	February 10, 2000
Analytical Start Date:	February 8, 2000
Analytical Completion Date:	February 18, 2000
Subreport Completion Date:	June 8, 2000

KEY PERSONNEL

Vitamin Chemistry

Matthew L. Breeze
Principal Investigator
Research Assistant

Sharon A. Habeck
Supervisor

Proximate and Lipid Chemistry

Joseph M. Polywacz
Manager

Microbiological Vitamin Chemistry

Theodore W. Pritchard
Supervisor

Inorganic Chemistry

Robert G. Allen
Manager

Food and Drug Analysis

James R. Wehrmann
Associate Director

Marc L. Pesselman
Report Coordinator

Quality Assurance Unit

Nancy M. Centanni
Manager

Sample Management

Angela J. Underberg
Supervisor

INTRODUCTION

The purpose of this portion of the study was to conduct pesticide profiles and compositional analyses of test, parental control, and reference corn grain samples. Specifically, the study was designed to estimate the levels of pesticides, proximates (moisture, protein, fat, and ash), crude fiber, amino acid composition, fatty acid profile, acid detergent fiber, neutral detergent fiber, sulfur, cadmium, selenium, minerals (calcium, copper, iron, magnesium, manganese, phosphorus, potassium, sodium and zinc), and chloride. In addition, the carbohydrate values were estimated by calculation.

The test grain was from YIELDGARD® corn line DK 551BtY that was produced at Yuma County, Colorado in 1999. The test line DK 551BtY, expressed the insect control protein, Cry1Ab. The study also included analyses of a non-transgenic parental control corn line (DK 551) that had a background genetics representative of the test line but did not express the Cry1Ab insect control protein, and several non-transgenic commercial lines produced in Production Plan 99-01-46-36 and/or purchased from U.S. growers in 1999.

REGULATORY COMPLIANCE

This study was conducted in compliance with the Environmental Protection Agency (EPA) Good Laboratory Practice (GLP) Standards as set forth in Title 40 of the US Code of Federal Regulations Part 160 with the exceptions that the reference standard dilutions were not characterized according to GLP standards and that the final analytical subreport format is not in full accordance with EPA Pesticide Regulation Notice 86-5. In addition, the analytical start date occurred before the study initiation date. In addition, an analytical laboratory inspection was not conducted by the Covance Quality Assurance Unit. These exceptions had no effect on the integrity or quality of the study.

TEST, CONTROL, AND REFERENCE SUBSTANCES

Identification

Test Substance

The test substance was defined as YIELDGARD® corn line DK551BtY produced at Yuma County, Colorado, U.S. in 1999.

Parental Control Substance

The parental (negative) control substance (DK 551) was defined as the non-transgenic parental control corn line also produced at Yuma County, Colorado, U.S. in 1999.

Reference Control Substances

The reference control substances were identified as commercial corn varieties purchased from U.S. growers in 1999: DK 539, DK537, and DK 493.

Appropriate reference standards were used in each assay as reference standards for the analytical procedures and equipment calibrations. See Appendix A for reference standard identification (if applicable).

Characterization, Purity, and Stability

Information on characterization, purity, stability, synthesis methods, composition, or other characteristics that define the test, control, and reference substances was the responsibility of the sponsor.

Storage/Retention

Upon arrival in the analytical laboratory, all samples were stored in a secured freezer set to maintain -20° ±10°C. Excess grain samples will be returned or discarded at the end of the study at the direction of the study director. Remaining reference standards may be used for other testing.

Safety Precautions

Safety precautions were taken as required by Covance Policies and Procedures.

SAMPLE RECEIPT AND HANDLING

The samples were entered into the Covance Laboratory Information Management Systems (LIMS) with unique LIMS numbers. Each sample identification was matched with the LIMS information.

PROCEDURES

This study was conducted in accordance with Monsanto Study No. 99-01-39-33 (Covance Protocol 6103-255). All analyses were performed according to methods and standard operating procedures (SOPs) approved by Covance. Listed in the following text table are the components analyzed and units reported by the assay. See Appendix A for a summary of the analytical methods referenced by the method mnemonic.

Analyte	Method Mnemonic	Units Reported by Assay
Proximates		
Moisture	M100	%[a]
Protein	PGEN	%[a]
Total Fat	FSOX	%[a]
Ash	ASHM	%[a]
Carbohydrates	CHO	%[a]
Fatty Acid Profile	FAPM	%[a]
Crude Fiber	CFIB	%[a]
Acid detergent fiber	ADF	%[a]
Neutral detergent fiber	NDFE	%[a]
Amino acid composition	TAAP	mg/g fresh weight
Minerals calcium, copper, iron, magnesium, manganese, phosphorus, potassium, sodium, zinc	ICPS	ppm[b]
Sulfur	SULA	%[a]
Cadmium	CDA	ppm[b]
Selenium	SEAS	ppm[b]
Chloride	CLA	%[a]
Pesticide Profile	M304	ppm[b]

[a] % = (g/g fresh weight) x 100
[b] ppm = µg/g fresh weight

Carbohydrate (CHO) values were determined by calculation and reported as:

% = (g/g fresh weight) x 100.

A minimum frequency of 10% quality control samples (duplicates, recoveries, certified reference standards, blanks, or validated control samples) were prepared and analyzed at Covance. Additional analyses or re-analyses were documented and justified in the raw data.

STATISTICAL METHODS

No statistical analysis of the data was performed at Covance.

MAINTENANCE OF RAW DATA AND RECORDS

A final analytical subreport, including a pesticide profile and compositional analyses summary spreadsheet accepted by the Covance Quality Assurance Unit, will be sent to the sponsor. All data relating to or generated by the project, including (if applicable) protocol, protocol amendments, a copy of the final analytical subreport, results, magnetically encoded records, laboratory notebooks, applicable SOPs lists and any other information or records relating to the project will be retained in the archives of Covance in accordance with 40 CFR Part 160. Ten years after signing of the final report, all of the aforementioned materials will be returned to the sponsor.

The supporting records retained at Covance, but not archived with the study data, include the following items:

Storage area temperature records
Instrument calibration and maintenance records
Employee training records

RESULTS

The results for the pesticide profile and compositional analysis of the samples are presented in Table 1. All of the results are on a fresh-weight basis.

SIGNATURES

Matthew L. Breeze
Principal Investigator
Vitamin Chemistry
Covance Laboratories Inc.

6-8-00
Date

James R. Wehrmann
Associate Director
Food and Drug Analysis
Covance Laboratories Inc.

6-8-00
Date

Table 1
Pesticide Profile and Compositional Analyses

Monsanto ID	DK 551 BT Ground	DK 551 Parental Ground	DK 493 Ground	DK 537 Ground	DK 539 Ground
Covance ID	00105824	00105817	00105818	00105821	00105816
Pesticides (ppm)					
Organophosphates	<0.050	<0.050	<0.050	<0.050	<0.050
Organonitrogens	<0.500	<0.500	<0.500	<0.500	<0.500
Organochlorinated	<0.200	<0.200	<0.200	<0.200	<0.200
N-Methylcarbamates	<0.100	<0.100	<0.100	<0.100	<0.100
Proximate (%)					
Protein	6.90	7.25	7.22	7.63	7.02
Moisture	14.0	14.9	11.6	12.4	11.4
Total fat	2.54	3.34	2.53	2.37	2.74
Ash	1.15	1.11	1.06	0.822	1.15
Carbohydrates	75.4	73.4	77.6	76.8	77.7
Neutral Detergent Fiber (%)	9.54	8.05	9.21	10.3	8.07
Acid Detergent Fiber (%)	2.04	2.50	2.34	2.66	2.29
Crude Fiber (%)	1.96	1.58	1.67	2.36	1.78
Minerals (ppm)					
Calcium	32.7	42.8	48.2	56.1	39.0
Copper	1.23	1.26	1.31	1.81	1.21
Iron	11.5	12.3	13.8	11.5	11.0
Magnesium	815	825	1080	1030	772
Manganese	4.80	5.93	6.09	4.83	3.31
Phosphorus	2230	2210	2880	2710	2200
Potassium	3030	3080	3880	3410	3000
Sodium	<100	<100	<100	<100	<100
Zinc	12.9	13.2	20.3	17.8	13.3
Sulfur (%)	0.058	0.061	0.069	0.064	0.069
Cadmium (ppm)	<0.04	<0.04	<0.04	<0.04	<0.04
Selenium(ppm)	0.07	0.06	0.18	0.08	0.08
Chloride (%)	0.053	0.050	0.056	0.057	0.053

Table 1 (Continued)
Pesticide Profile and Compositional Analyses

Monsanto ID	DK 551 BT Ground	DK 551 Parental Ground	DK 493 Ground	DK 537 Ground	DK 539 Ground
Covance ID	00105824	00105817	00105818	00105821	00105816
Fatty Acids (%)					
8:0 caprylic	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
10:0 capric	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
12:0 lauric	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
14:0 myristic	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
14:1 myristoleic	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
15:0 pentadecanoic	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
15:1 pentadecenoic	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
16:0 palmitic	0.303	0.386	0.328	0.266	0.307
16:1 palmitoleic	<0.00300	0.00349	0.00321	<0.00300	<0.00300
17:0 heptadecanoic	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
17:1 heptadecenoic	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
18:0 stearic	0.0408	0.0544	0.0444	0.0319	0.0446
18:1 oleic	0.726	0.969	0.740	0.742	0.831
18:2 linoleic	1.30	1.66	1.23	1.09	1.28
18:3 gamma linolenic	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
18:3 linolenic	0.0232	0.0309	0.0329	0.0268	0.0285
20:0 arachidic	0.0100	0.0129	0.0124	0.0105	0.0136
20:1 eicosenoic	0.00844	0.0112	0.00845	0.00817	0.0094
20:2 eicosadienoic	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
20:3 eicosatrienoic	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
20:4 arachidonic	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
22:0 behenic	0.00400	0.00474	0.00518	0.00558	0.00612

Table 1 (Continued)
Pesticide Profile and Compositional Analyses

Monsanto ID	DK 551 BT Ground	DK 551 Parental Ground	DK 493 Ground	DK 537 Ground	DK 539 Ground
Covance ID	00105824	00105817	00105818	00105821	00105816
Amino Acids (mg/g)					
Aspartic Acid	4.83	5.01	5.08	5.68	4.91
Threonine	2.42	2.51	2.54	2.79	2.51
Serine	3.26	3.63	3.43	3.70	3.49
Glutamic Acid	13.1	13.9	13.0	14.4	12.7
Proline	6.54	6.94	6.38	7.19	6.35
Glycine	2.81	2.92	2.95	3.19	2.85
Alanine	5.30	5.62	5.27	5.90	5.11
Cystine	1.62	1.68	1.51	1.53	1.46
Valine	3.51	3.66	3.63	4.04	3.38
Methionine	1.43	1.60	1.30	1.29	1.23
Isoleucine	2.53	2.64	2.53	2.87	2.33
Leucine	8.70	9.39	8.49	9.69	8.28
Tyrosine	2.44	2.68	2.48	2.49	2.39
Phenylalanine	3.38	3.63	3.42	3.89	3.31
Histidine	2.06	2.16	2.13	2.29	2.06
Lysine	2.22	2.28	2.49	2.73	2.38
Arginine	3.41	3.41	3.51	3.65	3.34
Tryptophan	0.454	0.487	0.509	0.498	0.482

APPENDIX A

Analytical Method Summaries and Reference Standards

ANALYTICAL METHOD SUMMARIES AND REFERENCE STANDARDS

Pesticide Profile (M304)

The sample was blended with ethyl acetate and cleaned up by gel permeation chromatography. The extract was injected for organophosphates, chlorinated, and nitrogen on a gas chromatography system. The carbamates were injected using a high performance liquid chromatography system. The limits of detection (ppm) for this assay were:

Organophosphates	0.050
Organonitrogens	0.500
Organochlorinated	0.200
N-Methylcarbamates	0.100

Reference Standards:

Restek Corporation Custom Chlorinated Pesticide Mix, Catalog # 54609, Lot Number A011108

Restek Corporation Custom Phosphorus Pesticides Mix, Catalog # 54610, Lot Number A011117

Restek Corporation Custom Nitrogen List Catalog # 54611, Lot Number A011122

Restek Corporation Carbamates I Mixture Catalog # 54612, Lot Numbers A011493 and A011612

Restek Corporation Carbamates II Mixture Catalog # 54613, Lot Number A011612

Reference:

Pesticide Analytical Manual Volume 1: Multiresidue Methods, 3rd Ed., Chapter 3 Multiclass Multiresidue Methods: 304 Method for Fatty Foods, Food and Drug Administration, (1999), modified.

Protein (PGEN)

Nitrogenous compounds in the sample were reduced in the presence of boiling sulfuric acid and a mercury catalyst mixture to form ammonia. The acid digest was made alkaline. The ammonia was distilled and then titrated with a standard acid. The percent nitrogen was calculated and converted to protein using the factor 6.25. The limit of detection for this study was 0.1%. There is no analytical reference standard for this analysis.

References:

Official Methods of Analysis, 16th Ed., 4th Revision, Methods 955.04 and 979.09, AOAC INTERNATIONAL: Gaithersburg, Maryland, (1998), modified.

Bradstreet, R. B., *The Kjeldahl Method for Organic Nitrogen*, Academic Press: New York, New York, (1965), modified.

Kalthoff, I.M., and Sandell, E.B., *Quantitative Inorganic Analysis*, MacMillan: New York, (1948), modified.

Moisture (M100)

The sample was dried in a vacuum oven at 100°C to a constant weight. The moisture weight loss was determined and converted to percent moisture. The limit of detection for this study was 0.1%. There is no analytical reference standard for this analysis.

Reference:

Official Methods of Analysis, 16th Ed., 4th Revision, Methods 926.08 and 925.09, AOAC INTERNATIONAL: Gaithersburg, Maryland, (1998), modified.

Fat by Soxhlet Extraction (FSOX)

The sample was weighed into a cellulose thimble containing sand or sodium sulfate and dried to remove excess moisture. Pentane was dripped through the sample to remove the fat. The extract was then evaporated, dried, and weighed. The limit of detection for this study was 0.1%. There is no analytical reference standard for this analysis.

Reference:

Official Methods of Analysis, 16th Ed., 4th Revision, Method 960.39, AOAC INTERNATIONAL: Gaithersburg, Maryland, (1998), modified.

Ash (ASHM)

The sample was placed in an electric furnace at 550°C and ignited to drive off all volatile organic matter. The nonvolatile matter remaining was quantitated gravimetrically and calculated to determine percent ash. The limit of detection for this study was 0.1%. There is no analytical reference standard for this analysis.

Reference:
Official Methods of Analysis, 16th Edition, 4th Revision, Method 923.03, AOAC INTERNATIONAL: Gaithersburg, Maryland, (1998), modified.

Carbohydrates (CHO)
The total carbohydrate level was calculated by difference using the fresh weight-derived data and the following equation:

% carbohydrates = 100 % - (% protein + % fat + % moisture + % ash)

The limit of detection for this study was 1.0%. There is no analytical reference standard for this analysis.

Reference:
United States Department of Agriculture, "Energy Value of Foods", *Agriculture Handbook No. 74*, pp. 2-11, (1973).

Neutral Detergent Fiber, Enzyme Method (NDFE)
The sample was placed in a fritted vessel and washed with a neutral boiling detergent solution that dissolved the protein, carbohydrate, enzyme, and ash. An acetone wash removed the fats and pigments. Hemicellulose, cellulose, and lignin fractions were collected on the frit and determined gravimetrically. The limit of detection for this study was 0.1%. There is no analytical reference standard for this analysis.

References:
Approved Methods of the American Association of Cereal Chemists, 9th Ed., Method 32.20, (1998), modified.

Forage Fiber Analyses, Agriculture Handbook No.379, United States Department of Agriculture, (1970), modified.

Acid Detergent Fiber (ADF)
The sample was placed in a fritted vessel and washed with an acidic boiling detergent solution that dissolved the protein, carbohydrate, and ash. An acetone wash removed the fats and pigments. Lignocellulose fraction was collected on the frit and determined

gravimetrically. The limit of detection for this study was 0.1%. There is no analytical reference standard for this analysis.

Reference:
Forage Fiber Analyses, Agriculture Handbook No.379, United States Department of Agriculture, (1970), modified.

Crude Fiber (CFIB)
Crude fiber was quantitated as the loss on ignition of dried residue remaining after digestion of the sample with 1.25% sulfuric acid and 1.25% sodium hydroxide solutions under specific conditions. The limit of detection for this study was 0.1%. There is no analytical reference substance for this analysis.

Reference:
Official Methods of Analysis, 16th Ed., 4th Revision, Method 962.09, AOAC INTERNATIONAL: Gaithersburg, Maryland, (1998), modified.

ICP Emission Spectrometry (ICPS)

Calcium
Copper
Iron
Magnesium
Manganese
Phosphorus
Potassium
Sodium
Zinc

The sample was dried, precharred, and ashed overnight at 500° ± 50°C. The ashed sample was treated with hydrochloric acid, taken to dryness, and put into a solution of 5% hydrochloric acid. The amount of each element was determined at appropriate wavelengths by comparing the emission of the unknown sample, measured by the inductively coupled plasma, with the emission of the standard solutions.

Spex CertiPrep Reference Standards and Limits of Detection:

Mineral	Lot Numbers	Concentration (ppm)	Limit of Detection (ppm)
Calcium	J5-111CA	10,000	20.0
Copper	6-137CU	1,000	0.500
Iron	6-172FE	1,000	2.00
Magnesium	K5-67MG	10,000	20.0
Manganese	6-201MN	1,000	0.300
Phosphorus	K6-54P	10,000	20.0
Potassium	M6-16K	10,000	100
Sodium	M6-41NA	10,000	100
Zinc	6-171ZN	1,000	0.400

References:

Dahlquist, R.L., and Knoll, J.W., "Inductively Coupled Plasma-Atomic Emission Spectrometry: Analysis of Biological Materials and Soils for Major, Trace, and Ultra Trace Elements," *Applied Spectroscopy*, *32*:1-29, (1978), modified.

Official Methods of Analysis, 16th Ed., 4th Revision, Methods 984.27 and 985.01, AOAC INTERNATIONAL: Gaithersburg, Maryland, (1998), modified.

Sulfur (SULA)

The sample was weighed into a volumetric flask and refluxed with nitric acid. Perchloric acid was added and refluxed again. Hydrochloric acid was added and the sample was heated to break down nitroso compounds. Sulfur seed and sulfur buffer solution were added. The analysis was completed by measuring the extent of turbidity in the sample after the addition of barium chloride. The limit of detection for this study was between 0.010 to 0.015%.

Reference Standard:

Spex CertiPrep, 1,000 mcg/mL sulfur, used as 100%, Lot Number 6-2025

Reference:

Soil Society of America Proceedings, 29:71-72, (1965), modified.

Cadmium (CDA)

The sample was either dry-ashed, wet-ashed, or read directly. If dry-ashed, the sample was dried, pre-charred and ashed at 500°C ±50° in a muffle furnace for 5 to 16 hours. The sample was removed from the muffle furnace, cooled, treated with nitric acid, re-ashed, and dissolved in hydrochloric acid solution. If wet-ashed, the sample was digested on a hot plate with nitric acid, hydrochloric acid, and/or hydrogen peroxide. The amount of cadmium was determined by comparing the signal of the unknown sample, measured by the atomic absorption (AA) spectrophotometer, with the signal of the standard solutions. The limit of detection for this assay was 0.04 ppm.

Reference Standard:
Fisher Scientific, 1000 ppm cadmium, used as 100%, Lot Number 981734

References:
Official Methods of Analysis, 16th Ed., 4th Revision, Method 974.27, AOAC INTERNATIONAL: Gaithersburg, Maryland, (1998), modified.

Analytical Methods for Atomic Absorption Spectrophotometry, Perkin-Elmer: Norwalk, Connecticut, (January 1982), modified.

Methods for Chemical Analysis of Water and Wastes, Metals 1-19 and Method 213.1, U. S. EPA: Cincinnati, Ohio, (1979), modified.

Chloride (CLA)

The sample was put into solution with double deionized water and then made acidic with nitric acid. Chloride was determined potentiometrically by titrating with a standard silver nitrate solution to a predetermined endpoint. The limit of detection for this assay was 200 ppm.

Reference Standard:
Mallinckrodt, 1000 ppm sodium chloride, 99.9%, Lot Number 7581

Reference:
Official Methods of Analysis, 16th Ed., 4th Revision, Methods 963.05, 969.10, and 971.27, AOAC INTERNATIONAL: Gaithersburg, Maryland, (1998), modified.

Selenium (SEAS)

The sample was digested in a nitric-perchloric-hydrochloric acid mixture, in which any selenium present formed selenous acid. The selenous acid is reacted with 2,3-4,5-benzopiazselenol. This compound was extracted into an organic solvent. The amount of selenium is then determined by comparing the absorbance of the unknown sample, measured by fluorescence spectroscopy, with the absorbance of standard solutions. The limit of detection for this assay was 0.05 ppm.

Reference Standard:
Fisher Scientific, 1000 ppm selenium, used as 100%, Lot Number 994379

References:

Official Methods of Analysis, 16th Ed., 4th Revision, Methods 969.06 and 986.15, AOAC INTERNATIONAL: Gaithersburg, Maryland, (1998), modified.

Watkinson, J. H., "Fluorometric Determination of Selenium in Biological Material with 2,3-Diaminonaphthalene," *Analytical Chemistry*, *38*(1):92-7, (1966), modified.

Haddad, P. R. and Smythe, L. E., "A Critical Evaluation of Fluorometric Methods for Determination of Selenium in Plant Materials with 2,3-Diaminonaphthalene," *Talanta*, *21*:859-865, (1974), modified.

Bayfield, R. F. and Romalis, L. F., "pH Control in the Fluorometric Assay for Selenium with 2,3-diaminonaphthalene,", *Analytical Biochemistry*, *144*(2):569-576, (1985), modified.

Amino Acid Composition (TAAP)

Total aspartic acid (including asparagine)
Total threonine
Total serine
Total glutamic acid (including glutamine)
Total proline
Total glycine
Total alanine

Total valine
Total isoleucine
Total leucine
Total tyrosine
Total phenylalanine
Total histidine
Total lysine
Total arginine
Total tryptophan
Sulfur-containing amino acids: Total methionine
Total cystine (including cysteine)

The sample was assayed by three methods to obtain the full profile. Tryptophan required a base hydrolysis with sodium hydroxide. The sulfur containing amino acids required an oxidation with performic acid prior to hydrolysis with hydrochloric acid. Analysis of the samples for the remaining amino acids was accomplished through direct acid hydrolysis with hydrochloric acid. Once hydrolyzed, the individual amino acids were then quantitated using an automated amino acid analyzer. The limit of detection for this study was 0.1 mg/g.

Reference Standards:
Beckman K18, 2.5 µmol/mL per constituent except cystine (1.25 µmol/mL), Lot Number S901670
Aldrich L-Tryptophan, 99%, Lot Number 12729HS
Aldrich L-Cysteic Acid Monohydrate, 98.0%, Lot Number 04615MS
Sigma L-Methionine Sulfone, used as 100%, Lot Number 12H3349

Reference:
Official Methods of Analysis, 16th Ed., 4th Revision, Method 982.30, AOAC INTERNATIONAL: Gaithersburg, Maryland, (1998), modified.

Fatty Acids (FAPM)
The lipid was extracted and saponified with 0.5 N sodium hydroxide in methanol. The saponification mixture was methylated with 14% boron trifluoride:methanol. The resulting methyl esters were extracted with heptane containing an internal standard. The

methyl esters of the fatty acids were analyzed by gas chromatography using external standards for quantitation. The limit of detection was 0.00300%.

Reference Standards:
Nu Chek Prep Hazleton Special Prep No. 1, used as 100%, Lot Number JA10-I
Nu Chek Prep Special Prep No. 2, used as 100%, Lot Number S10-G
Nu Chek Prep Special Prep No. 3, used as 100%, Lot Number F23-J
Nu Chek Prep Hazleton Special Prep No. 4, used as 100%, Lot Number JY26-J
Nu Chek Prep Methyl Gamma Linolenate, used as 100%, Lot Number U-63M-F25-J

Reference:
Official Methods and Recommended Practices of the AOCS, 5th Ed., Method Ce 1-62, American Oil Chemists' Society: Champaign, Illinois, (1997), modified.

Final Analytical Subreport

Pesticide Profile and Compositional Analyses of Roundup Ready® Corn Line NK603 Produced at Fayette County, Ohio, U.S. in 1999

PREPARED FOR:
Monsanto Company

COVANCE STUDY NUMBER:
6103-257

ISSUE DATE:
August 24, 2000

Sponsor

Monsanto Company
St. Louis, Missouri

FINAL ANALYTICAL SUBREPORT

Subreport Title

Pesticide Profile and Compositional Analyses of Roundup Ready® Corn Line NK603
Produced at Fayette County, Ohio, U.S. in 1999

Author

Matthew L. Breeze

Subreport Completion Date

August 24, 2000

Performing Laboratory

Covance Laboratories Inc.
3301 Kinsman Blvd.
Madison, WI 53704

Laboratory Study Identification

Covance 6103-257

Monsanto Study Number

99-01-46-54

QUALITY ASSURANCE STATEMENT

This report has been reviewed by the Quality Assurance Unit of Covance Laboratories Inc., in accordance with the Environmental Protection Agency (EPA) Good Laboratory Practice Standards, 40 CFR 160. The following inspections were conducted and findings reported to the principal investigator (PI), study director (SD), and associated management.

Inspection Dates			Date Reported to PI and PI Management	Date Reported to SD and SD Management
From	To	Phase		
03/17/00	03/17/00	Analytical Laboratory Inspection	03/21/00	03/21/00
06/26/00	06/29/00	Data Review	06/29/00	08/24/00
06/26/00	06/29/00	Data Review	06/29/00	08/07/00
07/27/00	07/27/00	Report Review	07/27/00	08/24/00
08/24/00	08/24/00	Report Review	08/24/00	08/24/00

Tamara Fisher
Representative, Quality Assurance Unit

8/24/00
Date

TABLE OF CONTENTS

STUDY IDENTIFICATION

Pesticide Profile and Compositional Analyses of Roundup Ready® Corn Line NK603
Produced at Fayette County, Ohio, U.S. in 1999

Test Substance:	Roundup Ready® corn line NK603
Sponsor Study No.:	99-01-46-54
Sponsor Study Title:	Pesticide Profile, Mycotoxin, Glyphosate and Compositional Analyses of Roundup Ready® Corn Line NK603 Produced at Fayette County, Ohio, U.S. in 1999
Sponsor:	Monsanto Company Biotechnology Regulatory Sciences 700 Chesterfield Parkway North St. Louis, MO 63198
Primary Testing Facility:	Monsanto Company 700 Chesterfield Parkway North St. Louis, MO 63198
Study Director:	Bruce G. Hammond Monsanto Company - BB5G 700 Chesterfield Parkway North St. Louis, MO 63198 Phone: (636) 737-6436 FAX: (636) 737-6189 e-mail: bruce.g.hammond@monsanto.com
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Covance Principal Investigator:	Matthew L. Breeze Covance Laboratories Inc. 3301 Kinsman Blvd. Madison, WI 53704 Phone: (608) 242-2712 Ext. 2254 FAX: (608) 242-7903 e-mail: matthew.breeze@covance.com

Study Timetable

Study Initiation Date:	January 14, 2000
Analytical Start Date:	March 1, 2000
Analytical Completion Date:	March 24, 2000
Subreport Completion Date:	August 24, 2000

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Supervisor

INTRODUCTION

The purpose of this portion of the study was to conduct pesticide profiles and compositional analyses for test, parental control, and reference corn grain samples. Specifically, the study was designed to estimate the levels of pesticides, proximates (moisture, protein, fat, and ash), crude fiber, amino acid composition, fatty acid profile, cadmium, selenium, and minerals (calcium, copper, iron, magnesium, manganese, phosphorus, potassium, sodium and zinc). In addition, the carbohydrate values were estimated by calculation.

The test grain was from the Roundup Ready® corn line NK603 produced at Fayette County, Ohio (in 1999 field Production Plan 99-01-46-36). The test line, NK603, expressed the 5-enolpyruvylshikimate-3-phosphate synthase protein isolated from *Agrobacterium sp.* strain CP4 (CP4 EPSPS) which conferred tolerance to the family of Roundup® herbicides. The study also included analyses of a non-transgenic parental control corn line that had background genetics representative of the test line but did not express the CP4 EPSPS protein, and several non-transgenic commercial lines purchased from U.S. growers in 1999 and/or produced in Field Production Plan 99-01-46-36.

REGULATORY COMPLIANCE

This study was conducted in compliance with the Environmental Protection Agency (EPA) Good Laboratory Practice (GLP) Standards as set forth in Title 40 of the US Code of Federal Regulations Part 160 with the exceptions that the reference standard were not characterized according to GLP standards, reserve samples from each batch of the reference stands were not retained, and that the final analytical subreport format is not in full accordance with EPA Pesticide Regulation Notice 86-5. These exceptions had no effect on the integrity or quality of the study.

TEST, CONTROL, AND REFERENCE SUBSTANCES

Identification

Test Substance

The test substance was defined as Roundup Ready® corn line NK603 produced at Fayette County, Ohio, U.S. in 1999 (Production Plan 99-01-46-36).

Parental Control Substance

The parental (negative) control substance was the non-transgenic parental control corn line produced at Fayette County, U.S. in 1999 (Production Plan 99-01-46-36).

Reference Substances

The reference substances were seven non-transgenic commercial corn varieties produced in Production Plan 99-01-46-36 and/or purchased from U.S. growers in 1999 and/or produced in Field Production Plan 99-01-46-36.

Appropriate reference standards were used in each assay as reference standards for the analytical procedures and equipment calibrations. See Appendix A for reference standard identification (if applicable).

Characterization, Purity, and Stability

Information on characterization, purity, stability, synthesis methods, composition, or other characteristics that define the test, control, and reference substances was the responsibility of the sponsor.

Storage/Retention

Upon arrival in the analytical laboratory, all samples were stored in a secured freezer set to maintain -20° ±10°C. The samples will be returned or discarded at the end of the study at the direction of the study director. Remaining reference standards may be used for other testing.

Safety Precautions

Safety precautions were taken as required by Covance Policies and Procedures.

SAMPLE RECEIPT AND HANDLING

The samples were entered into the Covance Laboratory Information Management Systems (LIMS) with unique LIMS numbers. Each sample identification was matched with the LIMS information.

PROCEDURES

This study was conducted in accordance with Monsanto Study No. 99-01-46-54 (Covance Protocol 6103-257). All analyses were performed according to methods and standard operating procedures (SOPs) approved by Covance. See Appendix A for a summary of the analytical methods referenced by the method mnemonic. Listed in the following text table are the components analyzed and units reported by the assay.

The following analyses were performed on the corn samples:

Analyte	Method Mnemonic	Units Reported by Assay
Pesticide Screen	M304	ppm[a]
Proximates		
Moisture	M100	%[b]
Protein	PGEN	%[b]
Total Fat	FSOX	%[b]
Ash	ASHM	%[b]
Crude Fiber	CFIB	%[b]
Amino Acid Composition	TAAP	mg/g fresh weight
Fatty Acid Profile (C8-C22)	FAPM	%[b]
Cadmium	CDA	ppm[a]
Selenium	SEAS	ppm[a]
Minerals: Calcium, Copper, Iron, Magnesium, Manganese, Phosphorus, Potassium, Sodium, Zinc	ICPS	ppm[a]

[a]ppm = µg/g fresh weight
[b]% = [g/g fresh weight] x 100

Carbohydrate (CHO) values were determined by calculation and reported as
% = (g/g fresh weight) x 100.

A minimum frequency of 10% quality control samples (duplicates, recoveries, certified reference standards, blanks, or validated control samples) were prepared and analyzed at Covance. Additional analyses or re-analyses were documented and justified in the raw data.

STATISTICAL METHODS

No statistical analysis of the data was performed at Covance.

MAINTENANCE OF RAW DATA AND RECORDS

A final analytical subreport, including a pesticide profile and compositional analyses summary spreadsheet accepted by the Covance Quality Assurance Unit, will be sent to the sponsor. All data relating to or generated by the project, including (if applicable) protocol, protocol amendments, a copy of the final analytical subreport, results, magnetically encoded records, laboratory notebooks, applicable SOPs lists and any other information or records relating to the project will be retained in the archives of Covance in accordance with 40 CFR Part 160. Ten years after signing of the final report, all of the aforementioned materials will be returned to the sponsor.

The supporting records retained at Covance, but not archived with the study data, include the following items:

Storage area temperature records
Instrument calibration and maintenance records
Employee training records

RESULTS

The results for the pesticide profile and compositional analyses are presented in Table 1. All of the results are on a fresh-weight basis.

SIGNATURES

Matthew L. Breeze
Principal Investigator
Vitamin Chemistry
Covance Laboratories Inc.

8-24-00
Date

James R. Wehrmann
Associate Director
Food and Drug Analysis
Covance Laboratories Inc.

8/24/00
Date

Table 1
Pesticide Profile and Compositional Analyses

Monsanto ID	NK 603	Parent	Crows 363	SC 1087	Pioneer 3394
Covance ID	00205453	00205454	00205455	00205456	00205457
Pesticides (ppm)					
Organophosphates	<0.050	<0.050	<0.050	<0.050	<0.050
Organonitrogens	<0.500	<0.500	<0.500	<0.500	<0.500
Organochlorinated	<0.200	<0.200	<0.200	<0.200	<0.200
N-Methylcarbamates	<0.100	<0.100	<0.100	<0.100	<0.100
Promimate (%)					
Protein	7.96	8.14	9.24	8.17	7.42
Moisture	13.6	12.6	14.4	15.7	14.4
Total Fat	3.68	2.75	2.77	3.20	2.41
Ash	1.05	1.05	1.31	1.15	0.848
Carbohydrates	73.7	75.5	72.3	71.8	74.9
Crude Fiber (%)	1.55	1.61	1.91	1.86	1.82
Minerals (ppm)					
Calcium	45.0	48.9	32.8	38.8	45.2
Copper	2.07	2.22	2.22	2.64	1.80
Iron	16.5	17.2	22.0	18.9	19.8
Magnesium	931	864	1100	960	929
Manganese	3.61	3.67	5.07	4.48	3.52
Phosphorus	2490	2220	2920	2630	2170
Potassium	2930	2900	3210	2960	2710
Sodium	<100	<100	<100	<100	<100
Zinc	20.9	20.7	21.3	19.4	17.7
Cadmium	<0.04	<0.04	<0.04	<0.04	<0.04
Selenium	<0.05	<0.05	<0.05	0.07	<0.05

Table 1 (Continued)
Pesticide Profile and Compositional Analyses

Monsanto ID	NK 603	Parent	Crows 363	SC 1087	Pioneer 3394
Covance ID	00205453	00205454	00205455	00205456	00205457
Fatty Acids (%)					
8:0 caprylic	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400
10:0 capric	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400
12:0 lauric	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400
14:0 myristic	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400
14:1 myristoleic	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400
15:0 pentadecanoic	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400
15:1 pentadecenoic	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400
16:0 palmitic	0.325	0.241	0.311	0.344	0.258
16:1 palmitoleic	0.00399	<0.00400	<0.00400	0.00420	<0.00400
17:0 heptadecanoic	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400
17:1 heptadecenoic	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400
18:0 stearic	0.0744	0.0559	0.0569	0.0659	0.0342
18:1 oleic	0.870	0.618	0.640	0.820	0.544
18:2 linoleic	2.17	1.60	1.57	1.78	1.28
18:3 gamma linolenic	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400
18:3 linolenic	0.0425	0.0321	0.0348	0.0391	0.0321
20:0 arachidic	0.0144	0.0110	0.0117	0.0127	0.00817
20:1 eicosenoic	0.0101	0.00774	0.00679	0.00765	0.00598
20:2 eicosadienoic	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400
20:3 eicosatrienoic	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400
20:4 arachidonic	<0.00400	<0.00400	<0.00400	<0.00400	<0.00400
22:0 behenic	0.00588	0.00494	0.00453	0.00506	<0.00400

Table 1 (Continued)
Pesticide Profile and Compositional Analyses

Monsanto ID	NK 603	Parent	Crows 363	SC 1087	Pioneer 3394
Covance ID	00205453	00205454	00205455	00205456	00205457
Amino Acids (mg/g)					
Aspartic Acid	5.21	5.12	5.67	5.49	5.20
Threonine	2.72	2.71	3.05	3.00	2.61
Serine	3.69	3.57	4.04	3.93	3.42
Glutamic Acid	15.0	14.8	16.3	15.5	13.8
Proline	7.06	7.09	8.25	7.97	6.81
Glycine	3.08	3.08	3.27	3.27	3.00
Alanine	6.11	5.96	6.45	6.14	5.56
Cystine	1.77	1.71	1.88	1.77	1.62
Valine	3.99	3.93	4.31	4.14	3.74
Methionine	1.71	1.70	1.73	1.64	1.66
Isoleucine	3.01	2.88	3.18	2.96	2.76
Leucine	10.2	9.95	11.1	10.4	9.08
Tyrosine	2.66	2.70	2.80	2.80	1.83
Phenylalanine	3.95	3.79	4.33	4.06	3.59
Histidine	2.22	2.22	2.53	2.45	2.13
Lysine	2.55	2.39	2.62	2.61	2.58
Arginine	3.52	3.56	3.87	3.83	3.41
Tryptophan	0.531	0.533	0.571	0.515	0.514

Table 1 (Continued)
Pesticide Profile and Compositional Analyses

Monsanto ID	Croplan Genetics 461	NK 4616	Campbells 6995	Pioneer 34G81
Covance ID	00205458	00205459	00205460	00205461
Pesticides (ppm)				
Organophosphates	<0.050	<0.050	<0.050	<0.050
Organonitrogens	<0.500	<0.500	<0.500	<0.500
Organochlorinated	<0.200	<0.200	<0.200	<0.200
N-Methylcarbamates	<0.100	<0.100	<0.100	<0.100
Promimate (%)				
Protein	8.87	9.22	8.41	7.69
Moisture	12.3	11.9	8.60	13.7
Total Fat	3.93	3.02	2.65	2.77
Ash	1.15	1.25	0.992	0.949
Carbohydrates	73.8	74.6	79.3	74.9
Crude Fiber (%)	1.49	1.96	2.50	1.58
Minerals (ppm)				
Calcium	37.8	62.6	37.9	41.5
Copper	1.79	1.86	2.57	1.52
Iron	19.1	15.0	20.0	15.4
Magnesium	1000	1160	890	925
Manganese	4.66	5.17	4.50	4.54
Phosphorus	2710	2850	2620	2470
Potassium	3000	3370	3230	2930
Sodium	<100	<100	<100	<100
Zinc	15.7	17.0	21.0	15.0
Cadmium	<0.04	<0.04	<0.04	<0.04
Selenium	0.06	0.29	<0.05	0.10

Table 1 (Continued)
Pesticide Profile and Compositional Analyses

Monsanto ID	Croplan Genetics 461	NK 4616	Campbells 6995	Pioneer 34G81
Covance ID	00205458	00205459	00205460	00205461
Fatty Acids (%)				
8:0 caprylic	<0.00400	<0.00400	<0.00400	<0.00400
10:0 capric	<0.00400	<0.00400	<0.00400	<0.00400
12:0 lauric	<0.00400	<0.00400	<0.00400	<0.00400
14:0 myristic	<0.00400	<0.00400	<0.00400	<0.00400
14:1 myristoleic	<0.00400	<0.00400	<0.00400	<0.00400
15:0 pentadecanoic	<0.00400	<0.00400	<0.00400	<0.00400
15:1 pentadecenoic	<0.00400	<0.00400	<0.00400	<0.00400
16:0 palmitic	0.396	0.301	0.254	0.304
16:1 palmitoleic	0.00400	<0.00400	<0.00400	<0.00400
17:0 heptadecanoic	<0.00400	<0.00400	<0.00400	<0.00400
17:1 heptadecenoic	<0.00400	<0.00400	<0.00400	<0.00400
18:0 stearic	0.0601	0.0437	0.0425	0.0436
18:1 oleic	1.12	0.740	0.597	0.776
18:2 linoleic	2.14	1.65	1.28	1.47
18:3 gamma linolenic	<0.00400	<0.00400	<0.00400	<0.00400
18:3 linolenic	0.0462	0.0304	0.0266	0.0394
20:0 arachidic	0.0153	0.0105	0.00984	0.0103
20:1 eicosenoic	0.0121	0.00837	0.00619	0.00797
20:2 eicosadienoic	<0.00400	<0.00400	<0.00400	<0.00400
20:3 eicosatrienoic	<0.00400	<0.00400	<0.00400	<0.00400
20:4 arachidonic	<0.00400	<0.00400	<0.00400	<0.00400
22:0 behenic	0.00679	0.00470	0.00424	0.00452

Table 1 (Continued)
Pesticide Profile and Compositional Analyses

Monsanto ID	Croplan Genetics 461	NK 4616	Campbells 6995	Pioneer 34G81
Covance ID	00205458	00205459	00205460	00205461
Amino Acids (mg/g)				
Aspartic Acid	5.79	6.59	5.89	5.24
Threonine	3.11	3.22	3.08	2.67
Serine	4.32	4.30	3.74	3.51
Glutamic Acid	17.1	18.0	14.7	14.5
Proline	8.50	9.13	7.79	7.43
Glycine	3.20	3.62	3.72	3.06
Alanine	6.81	7.18	5.99	5.80
Cystine	1.88	1.90	1.67	1.63
Valine	4.20	4.77	4.41	3.87
Methionine	1.74	1.52	1.50	1.52
Isoleucine	3.12	3.40	3.07	2.79
Leucine	11.7	11.7	9.44	9.49
Tyrosine	3.12	3.18	2.51	2.05
Phenylalanine	4.51	4.49	3.87	3.69
Histidine	2.41	2.74	2.64	2.20
Lysine	2.49	2.90	3.40	2.41
Arginine	3.64	4.32	4.34	3.36
Tryptophan	0.565	0.543	0.590	0.527

APPENDIX A

Analytical Method Summaries and Reference Standards

ANALYTICAL METHOD SUMMARIES AND REFERENCE STANDARDS

Pesticide Profile (M304)

The sample was blended with ethyl acetate and cleaned up by gel permeation chromatography. The extract was injected for organophosphates, chlorinated, and nitrogen on a gas chromatography system. The carbamates were injected using a high performance liquid chromatography system. The limits of detection (ppm) for this assay were:

Organophosphates	0.050
Organonitrogens	0.500
Organochlorinated	0.200
N-Methylcarbamates	0.100

Reference Standards:
Restek Corporation Custom Chlorinated Pesticide Mix, Catalog # 54609, Lot Number A011108
Restek Corporation Custom Phosphorus Pesticides Mix, Catalog # 54610, Lot Number A011117
Restek Corporation Custom Nitrogen List Catalog # 54611, Lot Number A011122
Restek Corporation Carbamates I Mixture Catalog # 54612, Lot Number A011493
Restek Corporation Carbamates II Mixture Catalog # 54613, Lot Number A011612

Reference:
Pesticide Analytical Manual Volume 1: Multiresidue Methods, 3rd Ed., Chapter 3 Multiclass Multiresidue Methods: 304 Method for Fatty Foods, Food and Drug Administration, (1999), modified.

Protein (PGEN)

Nitrogenous compounds in the sample were reduced in the presence of boiling sulfuric acid and a mercury catalyst mixture to form ammonia. The acid digest was made alkaline. The ammonia was distilled and then titrated with a standard acid. The percent nitrogen was calculated and converted to protein using the factor 6.25. The limit of detection for this study was 0.1%. There is no analytical reference standard for this analysis.

References:
Official Methods of Analysis of AOAC INTERNATIONAL, 17th Ed., Methods 955.04 and 979.09, AOAC INTERNATIONAL: Gaithersburg, Maryland, (2000), modified.

Bradstreet, R. B., *The Kjeldahl Method for Organic Nitrogen*, Academic Press: New York, New York, (1965), modified.

Kalthoff, I.M., and Sandell, E.B., *Quantitative Inorganic Analysis*, MacMillan: New York, (1948), modified.

Moisture (M100)
The sample was dried in a vacuum oven at 100°C to a constant weight. The moisture weight loss was determined and converted to percent moisture. The limit of detection for this study was 0.1%. There is no analytical reference standard for this analysis.

Reference:
Official Methods of Analysis of AOAC INTERNATIONAL, 17th Ed., Methods 926.08 and 925.09, AOAC INTERNATIONAL: Gaithersburg, Maryland, (2000), modified.

Fat by Soxhlet Extraction (FSOX)
The sample was weighed into a cellulose thimble containing sand or sodium sulfate and dried to remove excess moisture. Pentane was dripped through the sample to remove the fat. The extract was then evaporated, dried, and weighed. The limit of detection for this study was 0.1%. There is no analytical reference standard for this analysis.

Reference:
Official Methods of Analysis of AOAC INTERNATIONAL, 17th Ed., Method 960.39, AOAC INTERNATIONAL: Gaithersburg, Maryland, (2000), modified.

Ash (ASHM)
The sample was placed in an electric furnace at 550°C and ignited to drive off all volatile organic matter. The nonvolatile matter remaining was quantitated gravimetrically and calculated to determine percent ash. The limit of detection for this study was 0.1%. There is no analytical reference standard for this analysis.

Reference:
Official Methods of Analysis of AOAC INTERNATIONAL, 17th Ed., Method 923.03, AOAC INTERNATIONAL: Gaithersburg, Maryland, (2000), modified.

Carbohydrates (CHO)
The total carbohydrate level was calculated by difference using the fresh weight-derived data and the following equation:

% carbohydrates = 100 % - (% protein + % fat + % moisture + % ash)

The limit of detection for this study was 1.0%. There is no analytical reference standard for this analysis.

Reference:
United States Department of Agriculture, "Energy Value of Foods", *Agriculture Handbook No. 74,* pp. 2-11, (1973).

Crude Fiber (CFIB)
Crude fiber was quantitated as the loss on ignition of dried residue remaining after digestion of the sample with 1.25% sulfuric acid and 1.25% sodium hydroxide solutions under specific conditions. The limit of detection for this study was 0.1%. There is no analytical reference substance for this analysis.

Reference:
Official Methods of Analysis of AOAC INTERNATIONAL, 17th Ed., Method 962.09, AOAC INTERNATIONAL: Gaithersburg, Maryland, (2000), modified.

ICP Emission Spectrometry (ICPS)
Calcium
Copper
Iron
Magnesium
Manganese
Phosphorus
Potassium

Sodium
Zinc

The sample was dried, precharred, and ashed overnight at 500° ± 50°C. The ashed sample was treated with hydrochloric acid, taken to dryness, and put into a solution of 5% hydrochloric acid. The amount of each element was determined at appropriate wavelengths by comparing the emission of the unknown sample, measured by the inductively coupled plasma, with the emission of the standard solutions.

Spex CertiPrep Reference Standards and Limits of Detection:

Mineral	Lot Numbers	Concentration (ppm)	Limit of Detection (ppm)
Calcium	L6-59CA	10,000	20.0
Copper	6-242CU	1,000	0.500
Iron	7-97FE	1,000	2.00
Magnesium	L5-187MG	10,000	20.0
Manganese	6-201MN	1,000	0.300
Phosphorus	K6-54P	10,000	20.0
Potassium	M6-16K	10,000	100
Sodium	M6-41NA	10,000	100
Zinc	6-264ZN	1,000	0.400

References:
Dahlquist, R.L., and Knoll, J.W., "Inductively Coupled Plasma-Atomic Emission Spectrometry: Analysis of Biological Materials and Soils for Major, Trace, and Ultra Trace Elements," *Applied Spectroscopy*, *32*:1-29, (1978), modified.

Official Methods of Analysis of AOAC INTERNATIONAL, 17th Ed., Methods 984.27 and 985.01, AOAC INTERNATIONAL: Gaithersburg, Maryland, (2000), modified.

Cadmium (CDA)
The sample was either dry-ashed, wet-ashed, or read directly. If dry-ashed, the sample was dried, pre-charred and ashed at 500°C ±50° in a muffle furnace for 5 to 16 hours. The sample was removed from the muffle furnace, cooled, treated with nitric acid, re-ashed, and dissolved in hydrochloric acid solution. If wet-ashed, the sample was digested

on a hot plate with nitric acid, hydrochloric acid, and/or hydrogen peroxide. The amount of cadmium was determined by comparing the signal of the unknown sample, measured by the atomic absorption (AA) spectrophotometer, with the signal of the standard solutions. The limit of detection for this assay is 0.04 ppm.

Reference Standard:
Fisher Scientific, 1000 ppm cadmium, Lot Number 981734-24

References:
Official Methods of Analysis of AOAC INTERNATIONAL, 17th Ed., Method 974.27, AOAC INTERNATIONAL: Gaithersburg, Maryland, (2000), modified.

Analytical Methods for Atomic Absorption Spectrophotometry, Perkin-Elmer: Norwalk, Connecticut, (January 1982), modified.

Methods for Chemical Analysis of Water and Wastes, Metals 1-19 and Method 213.1, U. S. EPA: Cincinnati, Ohio, (1979), modified.

Selenium (SEAS)
The sample was digested in a nitric-perchloric-hydrochloric acid mixture, in which any selenium present formed selenous acid. The selenous acid is reacted with 2,3-4,5-benzopiazselenol. This compound was extracted into an organic solvent. The amount of selenium is then determined by comparing the absorbance of the unknown sample, measured by fluorescence spectroscopy, with the absorbance of standard solutions. The limit of detection for this assay was 0.05 ppm.

Reference Standard:
Fisher Scientific, 1000 ppm selenium, Lot Number 994379-18

References:
Official Methods of Analysis of AOAC INTERNATIONAL, 17th Ed., Methods 969.06 and 986.15, AOAC INTERNATIONAL: Gaithersburg, Maryland, (2000), modified.

Watkinson, J. H., "Fluorometric Determination of Selenium in Biological Material with 2,3-Diaminonaphthalene," *Analytical Chemistry, 38*(1):92-7, (1966), modified.

Haddad, P. R. and Smythe, L. E., "A Critical Evaluation of Fluorometric Methods for Determination of Selenium in Plant Materials with 2,3-Diaminonaphthalene," *Talanta, 21*:859-865, (1974), modified.

Bayfield, R. F. and Romalis, L. F., "pH Control in the Fluorometric Assay for Selenium with 2,3-diaminonaphthalene,", *Analytical Biochemistry, 144*(2):569-576, (1985), modified.

Fatty Acids (FAPM)

The lipid was extracted and saponified with 0.5 N sodium hydroxide in methanol. The saponification mixture was methylated with 14% boron trifluoride:methanol. The resulting methyl esters were extracted with heptane containing an internal standard. The methyl esters of the fatty acids were analyzed by gas chromatography using external standards for quantitation. The limit of detection was 0.00400%.

Reference Standards:
Nu Chek Prep Hazleton Special Prep No. 1, used as 100%, Lot Number JA10-I
Nu Chek Prep Special Prep No. 2, used as 100%, Lot Number S10-G
Nu Chek Prep Special Prep No. 3, used as 100%, Lot Number F23-J
Nu Chek Prep Hazleton Special Prep No. 4, used as 100%, Lot Number JY26-J
Nu Chek Prep Methyl Gamma Linolenate, used as 100%, Lot Number U-63M-F25-J

Reference:
Official Methods and Recommended Practices of the AOCS, 5th Ed., Method Ce 1-62, American Oil Chemists' Society: Champaign, Illinois, (1997), modified.

Amino Acid Composition (TAAP)

Total aspartic acid (including asparagine)
Total threonine
Total serine
Total glutamic acid (including glutamine)
Total proline
Total glycine
Total alanine
Total valine

Total isoleucine
Total leucine
Total tyrosine
Total phenylalanine
Total histidine
Total lysine
Total arginine
Total tryptophan
Sulfur-containing amino acids: Total methionine
Total cystine (including cysteine)

The sample was assayed by three methods to obtain the full profile. Tryptophan required a base hydrolysis with sodium hydroxide. The sulfur containing amino acids required an oxidation with performic acid prior to hydrolysis with hydrochloric acid. Analysis of the samples for the remaining amino acids was accomplished through direct acid hydrolysis with hydrochloric acid. Once hydrolyzed, the individual amino acids were then quantitated using an automated amino acid analyzer. The limit of detection for this study was 0.1 mg/g.

Reference Standards:
Beckman K18, 2.5 µmol/mL per constituent except cystine (1.25 µmol/mL), Lot Number S901670
Aldrich L-Tryptophan, 99%, Lot Number 12729HS
Aldrich L-Cysteic Acid Monohydrate, 98.0%, Lot Number 04615MS
Sigma L-Methionine Sulfone, used as 100%, Lot Number 12H3349

Reference:
Official Methods of Analysis of AOAC INTERNATIONAL, 17th Ed., Method 982.30, AOAC INTERNATIONAL: Gaithersburg, Maryland, (2000), modified.

Appendix 6. Diet Analysis

Exhibit 1. **Compositional and Contaminant Analysis of Diets Containing Roundup Ready® Corn Grain NK603**

Exhibit 2. **Certificates of Analysis for Animal Diets**

Exhibit 3. **Certification Profile of Test Diets**

Exhibit 4. **Shelf Life of Purina TestDiet Formulated Rodent Diets for Monsanto**

Final Analytical Subreport

Compositional and Contaminant Analyses of Diets Containing Roundup Ready® Corn Grain NK 603

PREPARED FOR:
Monsanto Company

COVANCE STUDY NUMBER:
6103-273

ISSUE DATE:
February 5, 2001

COVANCE.
THE DEVELOPMENT SERVICES COMPANY

Sponsor

Monsanto Company
St. Louis, MO

FINAL ANALYTICAL SUBREPORT

Subreport Title

Compositional and Contaminant Analyses of Diets Containing Roundup Ready® Corn Grain NK 603

Author

Matthew L. Breeze

Subreport Completion Date

February 5, 2001

Performing Laboratory

Covance Laboratories Inc.
3301 Kinsman Blvd.
Madison, WI 53704

Laboratory Study Identification

Covance 6103-273

Sponsor's Study Identification

Product Safety Center Study Number 99-01-46-54

Testing Facility Study Identification

MSE-N Study Number 99091
ML Number ML-99-253

Covance 6103-273
Product Safety Center Study Number 99-01-46-54
MSE-N Study Number: 99091
ML Number ML-99-253

QUALITY ASSURANCE STATEMENT

This report has been reviewed by the Quality Assurance Unit of Covance Laboratories Inc., in accordance with the Environmental Protection Agency (EPA) Good Laboratory Practice Standards, 40 CFR 160. The following inspections were conducted and findings reported to the principal investigator (PI), study director (SD), and associated management.

Inspection Dates From	Inspection Dates To	Phase	Date Reported to PI and PI Management	Date Reported to SD and SD Management
05/04/00	05/04/00	Analytical Laboratory Inspection	05/12/00	05/12/00
05/10/00	05/10/00	Data/Table Review	05/12/00	05/12/00
05/10/00	05/10/00	Data/Table Review	05/12/00	05/12/00
05/10/00	05/10/00	Data/Table Review	05/12/00	08/29/00
12/01/00	12/07/00	Report Review	12/07/00	01/10/01
01/10/01	01/10/01	Report Review	01/10/01	01/10/01
02/02/01	02/02/01	Report Review	02/02/01	02/02/01

Renee M. Smith
Representative, Quality Assurance Unit

05 Feb. 01
Date

TABLE OF CONTENTS

STUDY IDENTIFICATION

Compositional and Contaminant Analyses of Diets Containing
Roundup Ready® Corn Grain NK 603

Test Substance:	Corn grain from transgenic corn plants, Line NK 603
Sponsor's Study Identification:	Product Safety Center Study Number 99-01-46-54 MSE-N Study Number: 99091 ML Number ML-99-253
Sponsor Study Title:	13-Week Feeding Study in Rats with Grain from Roundup Ready® Corn (NK 603) Preceded by a 1-Week Baseline Food Consumption Determination with PMI Certified Rodent Diet #5002
Sponsor:	Monsanto Company 700 Chesterfield Parkway North St. Louis, MO 63198
Testing Facility:	MSE-N 645 S. Newstead Avenue St. Louis, MO 63110
Study Director:	B.R. Dudek, Ph.D., D.A.B.T. MSE-N 645 S. Newstead Avenue St. Louis, MO 63110
Sponsor's Representative:	Bruce G. Hammond, Ph.D, D.A.B.T. Agricultural Sector Mail Stop: 1005/BB5G Phone: 636.737.6436
Compositional and Contaminant Analysis Testing Facility:	Covance Laboratories Inc. 3301 Kinsman Blvd. Madison, WI 53704

Covance Principal Investigator: Matthew L. Breeze
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Study Timetable

Study Initiation Date:	April 13, 2000
Analytical Start Date:	April 26, 2000
Analytical Completion Date:	May 5, 2000
Subreport Completion Date:	February 5, 2001

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Manager

Sample Management

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Supervisor

INTRODUCTION

The purpose of this portion of the study was to conduct compositional and contaminant analyses of diets containing the test, parental control, and reference control materials. Specifically, the study was designed to measure the levels of nutrients and contaminants, including proximates (moisture, protein, fat, and ash), crude fiber, arsenic, cadmium, calcium, lead, mercury, phosphorus, selenium, aflatoxins, organochlorine and organophosphate pesticides. In addition, the calorie values were estimated by calculation.

REGULATORY COMPLIANCE

This study was conducted in compliance with the Environmental Protection Agency (EPA) Good Laboratory Practice (GLP) Standards as set forth in Title 40 of the US Code of Federal Regulations Part 160 with the exceptions that the reference standards were not characterized according to GLP standards, reserve samples from each batch of the reference standards were not retained, and that the final analytical subreport format is not in full accordance with EPA Pesticide Regulation Notice 86-5. These exceptions had no effect on the integrity or quality of the study.

TEST, CONTROL, AND REFERENCE MATERIALS

The test materials for this compositional and contaminant study were defined as the test, parental and reference control diets from MSE-N Study Number 99091. The test diets contained the grain from Roundup Ready® NK 603 transgenic corn and the reference control diets were defined as corn grain from six commercial corn lines of different germplasma grown at different geographical locations in the United States. The parental diets contained corn grain corresponding to the non-transgenic parent of the test diet corn grain.

Appropriate standards were used in each assay (or analytical method) as reference standards for the analytical procedures and equipment calibrations. See Appendix A for reference standard identification (if applicable).

Characterization, Purity, and Stability

Information on characterization, purity, stability, synthesis methods, composition, or other characteristics that define the test, parental control, and reference control grain was the responsibility of the sponsor.

Storage/Retention

Upon arrival in the analytical laboratory, all samples were stored in a secured freezer set to maintain -20° ±10°C. Excess samples will be returned or discarded at the end of the study at the direction of the study director. Remaining reference standards may be used for other testing.

Safety Precautions

Safety precautions were taken as required by Covance Policies and Procedures.

SAMPLE RECEIPT AND HANDLING

The samples were entered into the Covance Laboratory Information Management Systems (LIMS) with unique LIMS numbers. Each sample identification was matched with the LIMS information.

PROCEDURES

This study was conducted in accordance with MSE-N Study Number 99091 and ML Number ML-99-253. All analyses were performed according to methods and standard operating procedures (SOPs) approved by Covance. See Appendix A for a summary of the analytical methods referenced by the method mnemonic. Listed in the following text table are the components analyzed and units reported by the assay.

Analyte	Method Mnemonic	Units Reported by Assay
Proximates:		
Moisture	M100	%[a]
Protein	PGEN	%[a]
Total Fat	FAAH	%[a]
Ash	ASHM	%[a]
Crude Fiber	CFIB	%[a]
Minerals:		
Calcium, Phosphorus	ICPS	ppm[b]
Arsenic	ASA	ppm[b]
Cadmium	CDA	ppm[b]
Selenium	SEAS	ppm[b]
Lead	PBHL	ppm[b]
Mercury	HGAS	ppm[b]
Aflatoxins	AHMF	ppb[c]
Pesticide Screen	OPCL	ppb[c]

[a] % = (g/g fresh weight) x 100
[b] ppm = μg/g fresh weight
[c] ppb = ng/g fresh weight

Calorie (CALC) values were determined by calculation and reported as Kcal/100 g fresh weight.

A minimum frequency of 10% quality control samples (duplicates, recoveries, certified reference standards, blanks, or validated control samples) were prepared and analyzed at Covance. Additional analyses or re-analyses were documented and justified in the raw data.

STATISTICAL METHODS

No statistical analysis of the data was performed at Covance.

MAINTENANCE OF RAW DATA AND RECORDS

A final analytical subreport, including a compositional and contaminant analyses summary spreadsheet accepted by the Covance Quality Assurance Unit, will be sent to the sponsor. All data relating to or generated by the project, including (if applicable) protocol, protocol amendments, a copy of the final analytical subreport, results, laboratory notebooks, applicable SOPs lists and any other information or records relating to the project will be retained in the archives of Covance in accordance with 40 CFR Part 160. Ten years after signing of the final report, all of the aforementioned materials will be returned to the sponsor with the exception of the magnetically records that will be maintained at Covance.

The supporting records retained at Covance, but not archived with the study data, include the following items:

Magnetically encoded records
Storage area temperature records
Instrument calibration and maintenance records
Employee training files

RESULTS

The results for the compositional and contaminant analyses of the samples are presented in Table 1. All of the results are on a fresh-weight basis.

Covance 6103-273
Product Safety Center Study Number 99-01-46-54
MSE-N Study Number: 99091
ML Number ML-99-253

SIGNATURES

Matthew L. Breeze

2/5/01
Date

Matthew L. Breeze
Principal Investigator
Inorganic Chemistry
Covance Laboratories Inc.

James R Wehrmann

2-5-01
Date

James R. Wehrmann
Associate Director
Food and Drug Analysis
Covance Laboratories Inc.

Table 1
Compositional and Contaminant Analyses of Diets Containing Test, Parental Control and Reference Control Corn Grain

Monsanto ID	NK 603 L (11%)	NK 603 H (33%)	Parent-L (11%)	Parent-H (33%)
Covance ID	00404711	00404712	00404707	00404708
Proximates				
Protein (%)	21.0	20.8	19.8	20.2
Ash (%)	5.61	5.53	5.51	7.66
Fat (%)	5.51	4.64	5.59	5.70
Moisture (%)	9.40	9.90	9.36	9.46
Calories (Kcal/100 g)	368	361	368	360
Crude Fiber (%)	4.66	4.39	4.67	4.53
Minerals (ppm)				
Arsenic	0.20	0.19	0.13	0.28
Cadmium	0.10	0.09	0.10	0.09
Lead	0.11	0.12	0.11	0.12
Mercury	<0.025	<0.025	<0.025	<0.025
Selenium	0.25	0.23	0.21	0.20
Calcium	9250	9720	9130	14700
Phosphorus	6330	6410	6380	6170
Aflatoxins (ppb)				
B1	<1.00	<1.00	<1.00	<1.00
B2	<1.00	<1.00	<1.00	<1.00
G1	<1.00	<1.00	<1.00	<1.00
G2	<1.00	<1.00	<1.00	<1.00

Table 1 (Continued)
Compositional and Contaminant Analyses of Diets Containing Test, Parental Control and Reference Control Corn Grain (Continued)

Monsanto ID	NK 603 L (11%)	NK 603 H (33%)	Parent-L (11%)	Parent-H (33%)
Covance ID	00404711	00404712	00404707	00404708
Organochlorinated Screen (ppb)				
Tecnazene	<12.5	<12.5	<12.5	<12.5
HCB	<6.50	<6.50	<6.50	<6.50
Alpha-BHC	<12.5	<12.5	<12.5	<12.5
Propyzamide	<25.0	<25.0	<25.0	<25.0
DCNA	<18.5	<18.5	<18.5	<18.5
PCNB	<10.0	<10.0	<10.0	<10.0
Gamma-BHC	<12.5	<12.5	<12.5	<12.5
Beta-BHC	<12.5	<12.5	<12.5	<12.5
Heptachlor	<12.5	<12.5	<12.5	<12.5
Chlorothalonil	<12.5	<12.5	<12.5	<12.5
Delta-BHC	<12.5	<12.5	<12.5	<12.5
Vinclozolin	<25.0	<25.0	<25.0	<25.0
Aldrin	<12.5	<12.5	<12.5	<12.5
DCPA	<18.5	<18.5	<18.5	<18.5
Heptachlor Epoxide	<12.5	<12.5	<12.5	<12.5
Endosulfan I	<12.5	<12.5	<12.5	<12.5
Dieldrin	<12.5	<12.5	<12.5	<12.5
Captan	<50.0	<50.0	<50.0	<50.0
Folpet	<31.5	<31.5	<31.5	<31.5
P,P'- DDE	<12.5	<12.5	<12.5	<12.5
Endrin	<18.5	<18.5	<18.5	<18.5
Oxadiazon	<37.5	<37.5	<37.5	<37.5
Endosulfan II	<18.5	<18.5	<18.5	<18.5
P,P' – DDD	<18.5	<18.5	<18.5	<18.5
P,P' – DDT	<25.0	<25.0	<25.0	<25.0
Endosulfan Sulfate	<18.5	<18.5	<18.5	<18.5
Captafol	<31.5	<31.5	<31.5	<31.5
Dicofol	<31.5	<31.5	<31.5	<31.5
Mirex	<12.5	<12.5	<12.5	<12.5
Tetradifon	<18.5	<18.5	<18.5	<18.5
Methoxychlor	<31.5	<31.5	<31.5	<31.5
Permethrin	<62.5	<62.5	<62.5	<62.5
Cypermethrin	<94.0	<94.0	<94.0	<94.0
Toxaphene	<625	<625	<625	<625
Arochlor 1254	<250	<250	<250	<250
Tech. Chlordane	<250	<250	<250	<250

Table 1 (Continued)
Compositional and Contaminant Analyses of Diets Containing Test, Parental Control and Reference Control Corn Grain (Continued)

Monsanto ID	NK 603 L (11%)	NK 603 H (33%)	Parent-L (11%)	Parent-H (33%)
Covance ID	00404711	00404712	00404707	00404708
Organophosphate Screen (ppb)				
Vapona	<15.0	<15.0	<15.0	<15.0
Methamidophos	<15.0	<15.0	<15.0	<15.0
Mevinphos	<25.0	<25.0	<25.0	<25.0
Acephate	<40.0	<40.0	<40.0	<40.0
Omethoate	<35.0	<35.0	<35.0	<35.0
Thimet	<20.0	<20.0	<20.0	<20.0
Demeton-S	<25.0	<25.0	<25.0	<25.0
Fonofos	<25.0	<25.0	<25.0	<25.0
Diazinon	<20.0	<20.0	<20.0	<20.0
Disulfoton	<25.0	<25.0	<25.0	<25.0
Dimethoate	<20.0	<20.0	<20.0	<20.0
Propetamphos	<30.0	<30.0	<30.0	<30.0
Dichlofenthion	<30.0	<30.0	<30.0	<30.0
Chlorpyrifos-Methyl	<20.0	<20.0	<20.0	<20.0
Ronnel	<25.0	<25.0	<25.0	<25.0
Parathion-Methyl	<25.0	<25.0	<25.0	<25.0
Pirimiphos-Methyl	<25.0	<25.0	<25.0	<25.0
Chhlorpyrifos-Ethyl	<25.0	<25.0	<25.0	<25.0
Fenitrothion	<25.0	<25.0	<25.0	<25.0
Malathion	41.2	49.7	44.9	54.1
Parathion-Ethyl	<30.0	<30.0	<30.0	<30.0
Chlorfenvinphos	<40.0	<40.0	<40.0	<40.0
Methidathion	<30.0	<30.0	<30.0	<30.0
Prothiophos	<30.0	<30.0	<30.0	<30.0
Ethion	<20.0	<20.0	<20.0	<20.0
Trithion	<30.0	<30.0	<30.0	<30.0
Phosmet	<35.0	<35.0	<35.0	<35.0
EPN	<40.0	<40.0	<40.0	<40.0
Azininphos-Methyl	<40.0	<40.0	<40.0	<40.0
Phosalone	<40.0	<40.0	<40.0	<40.0
Coumaphos	<50.0	<50.0	<50.0	<50.0

Table 1 (Continued)
Compositional and Contaminant Analyses of Diets Containing Test, Parental Control and Reference Control Corn Grain (Continued)

Monsanto ID	Crows 363 (33%)	Pioneer 3394 (33%)	Croplan Genetics 461 (33%)
Covance ID	00404699	00404700	00404701
Proximates			
Protein (%)	20.9	21.2	22.1
Ash (%)	6.04	6.30	6.12
Fat (%)	5.67	5.86	5.26
Moisture (%)	9.75	9.74	8.95
Calories (Kcal/100 g)	365	365	366
Crude Fiber (%)	4.42	4.95	4.40
Minerals (ppm)			
Arsenic	0.23	0.20	0.22
Cadmium	0.09	0.10	0.09
Lead	0.14	0.13	0.12
Mercury	<0.025	<0.025	<0.025
Selenium	0.28	0.26	0.26
Calcium	9600	11900	10300
Phosphorus	6580	6580	6650
Aflatoxins (ppb)			
B1	<1.00	<1.00	<1.00
B2	<1.00	<1.00	<1.00
G1	<1.00	<1.00	<1.00
G2	<1.00	<1.00	<1.00

Table 1 (Continued)
Compositional and Contaminant Analyses of Diets Containing Test, Parental Control and Reference Control Corn Grain (Continued)

Monsanto ID	Crows 363 (33%)	Pioneer 3394 (33%)	Croplan Genetics 461 (33%)
Covance ID	00404699	00404700	00404701
Organochlorinated Screen (ppb)			
Tecnazene	<12.5	<12.5	<12.5
HCB	<6.50	<6.50	<6.50
Alpha-BHC	<12.5	<12.5	<12.5
Propyzamide	<25.0	<25.0	<25.0
DCNA	<18.5	<18.5	<18.5
PCNB	<10.0	<10.0	<10.0
Gamma-BHC	<12.5	<12.5	<12.5
Beta-BHC	<12.5	<12.5	<12.5
Heptachlor	<12.5	<12.5	<12.5
Chlorothalonil	<12.5	<12.5	<12.5
Delta-BHC	<12.5	<12.5	<12.5
Vinclozolin	<25.0	<25.0	<25.0
Aldrin	<12.5	<12.5	<12.5
DCPA	<18.5	<18.5	<18.5
Heptachlor Epoxide	<12.5	<12.5	<12.5
Endosulfan I	<12.5	<12.5	<12.5
Dieldrin	<12.5	<12.5	<12.5
Captan	<50.0	<50.0	<50.0
Folpet	<31.5	<31.5	<31.5
P,P'- DDE	<12.5	<12.5	<12.5
Endrin	<18.5	<18.5	<18.5
Oxadiazon	<37.5	<37.5	<37.5
Endosulfan II	<18.5	<18.5	<18.5
P,P' – DDD	<18.5	<18.5	<18.5
P,P' – DDT	<25.0	<25.0	<25.0
Endosulfan Sulfate	<18.5	<18.5	<18.5
Captafol	<31.5	<31.5	<31.5
Dicofol	<31.5	<31.5	<31.5
Mirex	<12.5	<12.5	<12.5
Tetradifon	<18.5	<18.5	<18.5
Methoxychlor	<31.5	<31.5	<31.5
Permethrin	<62.5	<62.5	<62.5
Cypermethrin	<94.0	<94.0	<94.0
Toxaphene	<625	<625	<625
Arochlor 1254	<250	<250	<250
Tech. Chlordane	<250	<250	<250

Table 1 (Continued)
Compositional and Contaminant Analyses of Diets Containing Test, Parental Control and Reference Control Corn Grain (Continued)

Monsanto ID	Crows 363 (33%)	Pioneer 3394 (33%)	Croplan Genetics 461 (33%)
Covance ID	00404699	00404700	00404701
Organophosphate Screen (ppb)			
Vapona	<15.0	<15.0	<15.0
Methamidophos	<15.0	<15.0	<15.0
Mevinphos	<25.0	<25.0	<25.0
Acephate	<40.0	<40.0	<40.0
Omethoate	<35.0	<35.0	<35.0
Thimet	<20.0	<20.0	<20.0
Demeton-S	<25.0	<25.0	<25.0
Fonofos	<25.0	<25.0	<25.0
Diazinon	<20.0	<20.0	<20.0
Disulfoton	<25.0	<25.0	<25.0
Dimethoate	<20.0	<20.0	<20.0
Propetamphos	<30.0	<30.0	<30.0
Dichlofenthion	<30.0	<30.0	<30.0
Chlorpyrifos-Methyl	<20.0	<20.0	<20.0
Ronnel	<25.0	<25.0	<25.0
Parathion-Methyl	<25.0	<25.0	<25.0
Pirimiphos-Methyl	<25.0	<25.0	<25.0
Chhlorpyrifos-Ethyl	<25.0	<25.0	<25.0
Fenitrothion	<25.0	<25.0	<25.0
Malathion	42.3	52.4	37.7
Parathion-Ethyl	<30.0	<30.0	<30.0
Chlorfenvinphos	<40.0	<40.0	<40.0
Methidathion	<30.0	<30.0	<30.0
Prothiophos	<30.0	<30.0	<30.0
Ethion	<20.0	<20.0	<20.0
Trithion	<30.0	<30.0	<30.0
Phosmet	<35.0	<35.0	<35.0
EPN	<40.0	<40.0	<40.0
Azininphos-Methyl	<40.0	<40.0	<40.0
Phosalone	<40.0	<40.0	<40.0
Coumaphos	<50.0	<50.0	<50.0

Table 1 (Continued)
Compositional and Contaminant Analyses of Diets Containing Test, Parental Control and Reference Control Corn Grain (Continued)

Monsanto ID	Campbells 6695 (33%)	DK539 (33%)	DK537 (33%)
Covance ID	00404702	00404703	00404704
Proximates			
Protein (%)	20.5	20.8	20.6
Ash (%)	6.25	6.16	6.62
Fat (%)	5.67	5.69	5.53
Moisture (%)	8.10	8.69	8.88
Calories (Kcal/100 g)	371-	369	366
Crude Fiber (%)	4.52	4.47	4.59
Minerals (ppm)			
Arsenic	0.23	0.21	0.23
Cadmium	0.09	0.10	0.09
Lead	0.12	0.13	0.15
Mercury	<0.025	<0.025	<0.025
Selenium	0.22	0.22	0.24
Calcium	10200	10500	10700
Phosphorus	6460	6480	6310
Aflatoxins (ppb)			
B1	<1.00	<1.00	<1.00
B2	<1.00	<1.00	<1.00
G1	<1.00	<1.00	<1.00
G2	<1.00	<1.00	<1.00

Table 1 (Continued)
Compositional and Contaminant Analyses of Diets Containing Test, Parental Control and Reference Control Corn Grain (Continued)

Monsanto ID	Campbells 6695 (33%)	DK539 (33%)	DK537 (33%)
Covance ID	00404702	00404703	00404704
Organochlorinated Screen (ppb)			
Tecnazene	<12.5	<12.5	<12.5
HCB	<6.50	<6.50	<6.50
Alpha-BHC	<12.5	<12.5	<12.5
Propyzamide	<25.0	<25.0	<25.0
DCNA	<18.5	<18.5	<18.5
PCNB	<10.0	<10.0	<10.0
Gamma-BHC	<12.5	<12.5	<12.5
Beta-BHC	<12.5	<12.5	<12.5
Heptachlor	<12.5	<12.5	<12.5
Chlorothalonil	<12.5	<12.5	<12.5
Delta-BHC	<12.5	<12.5	<12.5
Vinclozolin	<25.0	<25.0	<25.0
Aldrin	<12.5	<12.5	<12.5
DCPA	<18.5	<18.5	<18.5
Heptachlor Epoxide	<12.5	<12.5	<12.5
Endosulfan I	<12.5	<12.5	<12.5
Dieldrin	<12.5	<12.5	<12.5
Captan	<50.0	<50.0	<50.0
Folpet	<31.5	<31.5	<31.5
P,P'- DDE	<12.5	<12.5	<12.5
Endrin	<18.5	<18.5	<18.5
Oxadiazon	<37.5	<37.5	<37.5
Endosulfan II	<18.5	<18.5	<18.5
P,P' – DDD	<18.5	<18.5	<18.5
P,P' – DDT	<25.0	<25.0	<25.0
Endosulfan Sulfate	<18.5	<18.5	<18.5
Captafol	<31.5	<31.5	<31.5
Dicofol	<31.5	<31.5	<31.5
Mirex	<12.5	<12.5	<12.5
Tetradifon	<18.5	<18.5	<18.5
Methoxychlor	<31.5	<31.5	<31.5
Permethrin	<62.5	<62.5	<62.5
Cypermethrin	<94.0	<94.0	<94.0
Toxaphene	<625	<625	<625
Arochlor 1254	<250	<250	<250
Tech. Chlordane	<250	<250	<250

Table 1 (Continued)
Compositional and Contaminant Analyses of Diets Containing Test, Parental Control and Reference Control Corn Grain (Continued)

Monsanto ID	Campbells 6695 (33%)	DK539 (33%)	DK537 (33%)
Covance ID	00404702	00404703	00404704
Organophosphate Screen (ppb)			
Vapona	<15.0	<15.0	<15.0
Methamidophos	<15.0	<15.0	<15.0
Mevinphos	<25.0	<25.0	<25.0
Acephate	<40.0	<40.0	<40.0
Omethoate	<35.0	<35.0	<35.0
Thimet	<20.0	<20.0	<20.0
Demeton-S	<25.0	<25.0	<25.0
Fonofos	<25.0	<25.0	<25.0
Diazinon	<20.0	<20.0	<20.0
Disulfoton	<25.0	<25.0	<25.0
Dimethoate	<20.0	<20.0	<20.0
Propetamphos	<30.0	<30.0	<30.0
Dichlofenthion	<30.0	<30.0	<30.0
Chlorpyrifos-Methyl	<20.0	<20.0	<20.0
Ronnel	<25.0	<25.0	<25.0
Parathion-Methyl	<25.0	<25.0	<25.0
Pirimiphos-Methyl	<25.0	<25.0	<25.0
Chhlorpyrifos-Ethyl	<25.0	<25.0	<25.0
Fenitrothion	<25.0	<25.0	<25.0
Malathion	41.5	44.2	52.1
Parathion-Ethyl	<30.0	<30.0	<30.0
Chlorfenvinphos	<40.0	<40.0	<40.0
Methidathion	<30.0	<30.0	<30.0
Prothiophos	<30.0	<30.0	<30.0
Ethion	<20.0	<20.0	<20.0
Trithion	<30.0	<30.0	<30.0
Phosmet	<35.0	<35.0	<35.0
EPN	<40.0	<40.0	<40.0
Azininphos-Methyl	<40.0	<40.0	<40.0
Phosalone	<40.0	<40.0	<40.0
Coumaphos	<50.0	<50.0	<50.0

APPENDIX A

Analytical Method Summaries and Reference Standards

ANALYTICAL METHOD SUMMARIES AND REFERENCE STANDARDS

Protein (PGEN)

Nitrogenous compounds in the sample were reduced in the presence of boiling sulfuric acid and a mercury catalyst mixture to form ammonia. The acid digest was made alkaline. The ammonia was distilled and then titrated with a standard acid. The percent nitrogen was calculated and converted to protein using the factor 6.25. The limit of detection for this study was 0.1%. There is no analytical reference standard for this analysis.

References:

Official Methods of Analysis of AOAC INTERNATIONAL, 17th Ed., Methods 955.04 and 979.09, AOAC INTERNATIONAL: Gaithersburg, Maryland, (2000), modified.

Bradstreet, R. B., *The Kjeldahl Method for Organic Nitrogen*, Academic Press: New York, New York, (1965), modified.

Kalthoff, I.M., and Sandell, E.B., *Quantitative Inorganic Analysis*, MacMillan: New York, (1948), modified.

Moisture (M100)

The sample was dried in a vacuum oven at 100°C to a constant weight. The moisture weight loss was determined and converted to percent moisture. The limit of detection for this study was 0.1%. There is no analytical reference standard for this analysis.

Reference:

Official Methods of Analysis of AOAC INTERNATIONAL, 17th Ed., Methods 926.08 and 925.09, AOAC INTERNATIONAL: Gaithersburg, Maryland, (2000), modified.

Fat by Acid Hydrolysis (FAAH)

The sample was hydrolyzed with hydrochloric acid at an elevated temperature. The fat was extracted using ether and hexane. The extract was washed with a dilute alkali solution and filtered through a sodium sulfate column. The extract was then evaporated,

dried, and weighed. The limit of detection for this study was 0.1%. There is no analytical reference standard for this analysis.

Reference:
Official Methods of Analysis of AOAC INTERNATIONAL, 17th Ed., Methods 922.06 and 954.02, AOAC INTERNATIONAL: Gaithersburg, Maryland, (2000), modified.

Ash (ASHM)
The sample was placed in an electric furnace at 550°C and ignited to drive off all volatile organic matter. The nonvolatile matter remaining was quantitated gravimetrically and calculated to determine percent ash. The limit of detection for this study was 0.1%. There is no analytical reference standard for this analysis.

Reference:
Official Methods of Analysis of AOAC INTERNATIONAL, 17th Ed., Method 923.03, AOAC INTERNATIONAL: Gaithersburg, Maryland, (2000), modified.

Calories (CALC)
Calories were calculated using the Atwater factors with the fresh weight-derived data and the following equation:

calories (Kcal/100 g) = (4 x % protein) + (9 x % fat) + (4 x % carbohydrates)

The limit of detection for this study was 1.0 Kcalories/100 g. There is no reference substance for this analysis.

Reference:
United States Department of Agriculture, "Composition of Foods", *Agriculture Handbook No. 8,* pp. 159-160, (1975).

Crude Fiber (CFIB)

Crude fiber was quantitated as the loss on ignition of dried residue remaining after digestion of the sample with 1.25% sulfuric acid and 1.25% sodium hydroxide solutions under specific conditions. The limit of detection for this study was 0.1%. There is no analytical reference substance for this analysis.

Reference:
Official Methods of Analysis of AOAC INTERNATIONAL, 17th Ed., Method 962.09, AOAC INTERNATIONAL: Gaithersburg, Maryland, (2000), modified.

ICP Emission Spectrometry (ICPS)

Calcium
Phosphorus

The sample was dried, precharred, and ashed overnight at 500° ± 50°C. The ashed sample was treated with hydrochloric acid, taken to dryness, and put into a solution of 5% hydrochloric acid. The amount of each element was determined at appropriate wavelengths by comparing the emission of the unknown sample, measured by the inductively coupled plasma, with the emission of the standard solutions.

Spex CertiPrep Reference Standards and Limits of Detection:

Mineral	Lot Numbers	Concentration (ppm)	Limit of Detection (ppm)
Calcium	L6-59CA	10,000	20.0
Phosphorus	K6-54P	10,000	20.0

References:
Dahlquist, R.L., and Knoll, J.W., "Inductively Coupled Plasma-Atomic Emission Spectrometry: Analysis of Biological Materials and Soils for Major, Trace, and Ultra Trace Elements," *Applied Spectroscopy, 32*:1-29, (1978), modified.

Official Methods of Analysis of AOAC INTERNATIONAL, 17th Ed., Methods 984.27 and 985.01, AOAC INTERNATIONAL: Gaithersburg, Maryland, (2000), modified.

Arsenic (ASA)

The sample was wet-digested using nitric, perchloric, and sulfuric acids. The arsenic in the digested sample was then reduced to arsine. The gas was bubbled through a silver diethyldithicarbamate solution to form a red complex. The color formation was measured spectrophotometrically and compared to known standards. The limit of detection for this study was 0.10 ppm.

Reference Standard:
Fisher Scientific, 1000 ppm arsenic, Lot Number 990708-24

References:
Official Methods of Analysis, 15th Ed., Method 952.13, Association of Official Analytical Chemists Inc.: Arlington Virginia, (1990), modified.

The United States Pharmacopeia, Twenty-Third Revision, pp. 1724-1725, United States Pharmacopeial Convention, Inc.: Rockville Maryland (1995), modified.

Cadmium (CDA)

The sample was either dry-ashed, wet-ashed, or read directly. If dry-ashed, the sample was dried, pre-charred and ashed at 500°C ±50° in a muffle furnace for 5 to 16 hours. The sample was removed from the muffle furnace, cooled, treated with nitric acid, re-ashed, and dissolved in hydrochloric acid solution. If wet-ashed, the sample was digested on a hot plate with nitric acid, hydrochloric acid, and/or hydrogen peroxide. The amount of cadmium was determined by comparing the signal of the unknown sample, measured by the atomic absorption (AA) spectrophotometer, with the signal of the standard solutions. The limit of detection for this assay was 0.04 ppm.

Reference Standard:
Fisher Scientific, 1000 ppm cadmium, Lot Number 981734-24

References:
Official Methods of Analysis of AOAC INTERNATIONAL, 17th Ed., Method 974.27, AOAC INTERNATIONAL: Gaithersburg, Maryland, (2000), modified.

Analytical Methods for Atomic Absorption Spectrophotometry, Perkin-Elmer: Norwalk, Connecticut, (January 1982), modified.

Methods for Chemical Analysis of Water and Wastes, Metals 1-19 and Method 213.1, U. S. EPA: Cincinnati, Ohio, (1979), modified.

Lead (PBHL)

Most samples are dried, pre-charred, ashed overnight at 500° to 550°C, and then dissolved in dilute hydrochloric acid. An aliquot is taken, complexed with ammonium pyrrolidinedithiocarbamate (APDC), and extracted into methylisobutyl ketone (MIBK). Standards are similarly complexed and extracted. Samples high in interfering elements were read without extracting. The amount of lead was determined at a wavelength of 283.3 nm by comparing the signal of the unknown sample, measured by the atomic absorption spectrophotometer, with the signal of the standard solutions. The limit of detection for this assay was 0.05 ppm.

Reference Standard:
Fisher Scientific, 1000 ppm lead, Lot Number 994316-24

References:
Official Methods of Analysis of AOAC INTERNATIONAL, 17th Ed., Methods 972.23, 973.35, and 974.27, AOAC INTERNATIONAL: Gaithersburg, Maryland, (2000), modified.

Friend, M. T., Smith, C. A., and Wishart, D., *Atomic Absorption Newsletter*, *16*(2):46-49, (1979), modified.

Mercury (HGAS)

The sample was digested with a mixture of nitric and sulfuric acids. Mercury was reduced with sodium borohydride ($NaB4_4$) for determination on an atomic absorption spectrophotometer equipped with a MHS-20 hydride generation unit. The signal of the sample at the wavelength of its maximum absorbance, which is approximately 253.6 nm, was compared to the signal of known standards at the same wavelength. The limit of detection for this assay was 0.025 ppm.

Reference Standard:
Fisher Scientific, 1000 ppm mercury, Lot Number 973674-24

References:
Joint Mercury Residues Panel, "Recommended Methods of Analysis of Pesticide Residues in Foodstuffs," *Analyst*, *86*:608-614, (1961), modified.

Hatch, W. R. and Ott W. L., "Determination of Sub-Microgram Quantities of Mercury by Atomic Absorption Spectrophotometry," *Analytical Chemistry*, 40 (14):2085 - 2087, (1968), modified.

Selenium (SEAS)
The sample was digested in a nitric-perchloric-hydrochloric acid mixture, in which any selenium present formed selenous acid. The selenous acid is reacted with 2,3-4,5-benzopiazselenol. This compound was extracted into an organic solvent. The amount of selenium is then determined by comparing the absorbance of the unknown sample, measured by fluorescence spectroscopy, with the absorbance of standard solutions. The limit of detection for this assay was 0.05 ppm.

Reference Standard:
Fisher Scientific, 1000 ppm selenium, Lot Number 994379-18

References:
Official Methods of Analysis of AOAC INTERNATIONAL, 17th Ed., Methods 969.06 and 986.15, AOAC INTERNATIONAL: Gaithersburg, Maryland, (2000), modified.

Watkinson, J. H., "Fluorometric Determination of Selenium in Biological Material with 2,3-Diaminonaphthalene," *Analytical Chemistry*, *38*(1):92-7, (1966), modified.

Haddad, P. R. and Smythe, L. E., "A Critical Evaluation of Fluorometric Methods for Determination of Selenium in Plant Materials with 2,3-Diaminonaphthalene," *Talanta*, *21*:859-865, (1974), modified.

Bayfield, R. F. and Romalis, L. F., "pH Control in the Fluorometric Assay for Selenium with 2,3-diaminonaphthalene,", *Analytical Biochemistry*, *144*(2):569-576, (1985), modified.

Aflatoxins (AHMF)

The sample was extracted with a mixture of methanol:water. The extract was diluted with water and a portion was applied to an antibody affinity column. The column was washed first with water to remove major interferences present in feeds, then the aflatoxins were eluted with acetonitrile and the sample was dried with a stream of nitrogen. The aflatoxins were derivitized with acid to form the more highly fluorescent hemi-acetal compounds of B_1 and G_2 called B_{2a} and G_{2a} respectively. A portion of the extract was injected on a high-performance liquid chromatography (HPLC) system and the aflatoxins in the sample were compared with a standard of known concentration. The limit of detection for aflatoxins was 1.00 ppb.

Reference Standards (25.0 µg/mL):
Romer Laboratories Aflatoxin B1, Lot Number 306
Romer Laboratories Aflatoxin B2, Lot Number 307
Romer Laboratories Aflatoxin G1, Lot Number 308
Romer Laboratories Aflatoxin G2, Lot Number 309

References:

Proceedings of the Third International Congress of Food Science and Technology, pp. 705-711, modified.

Aflatoxins in Cottonseed Products, Thin Layer and Liquid Chromatographic Methods, *Journal of the Association of Official Analytical Chemist, 71*(1), 26.052-26.060, (includes sample preparation, 26.B01), (1988), modified.

Aflatoxins in Peanuts and Peanut Products, CB Method, *Journal of the Association of Official Analytical Chemist, 71*(1), 26.026-26.031, (1988), modified.

Aflatoxins in Eggs, Thin Layer Chromatographic Method, *Journal of the Association of Official Analytical Chemist,* 71(1), 26.070-26.075, (1988), modified.

Organophosphates and Chlorinated Insecticides (OPCL)

If the sample had a high moisture content, sodium sulfate was added; if dry, no sodium sulfate was required. The sample was extracted with ethyl acetate, concentrated, and cleaned up with gel permeation chromatography (GPC), and injected for organophosphate insecticides on a gas chromatography (GC) system. Cleanup for the chlorinated insecticides was done using florisil column chromatography. The sample was concentrated and injected on a GC system. The limit of detection was based on an analyte response equal to 25% of the standard concentration for organochlorine residues and 50% of the standard concentration for organophosphorus residues.

Reference Standards:
Restek Corporation Custom Chlorinated Pesticide Mix, catalog # 54609, Lot Number A011108
Restek Corporation Custom Organophosphorus Pesticides Mix, catalog # 54610, Lot Number A011117

References:

Pesticide Analytical Manual Volume 1: Multiresidue Methods, 3rd Ed., Food and Drug Administration, (1999), modified.

Griffitt, R. and Craun, J. C., "Gel Permeation Chromatographic System: An Evaluation," *Journal of the Association of Official Agricultural Chemists, 57*(1):168-172, (1974), modified.

Hopper, M. L. and Griffitt, K. R., "Evaluation of an Automated Gel Permeation Cleanup and Evaporation Systems for Determining Pesticides Residues in Fatty Samples," *Journal of the Association of Official Agricultural Chemists, 70*(4):724-726, (1987), modified.

Watts, R. R., and Storherr, R. W., "Rapid Extraction Method for Crops," *Journal of the Association of Official Agricultural Chemists, 48*(6):1158-1160, (1965), modified.

Erney, Dr., "A Feasibility Study of Miniature Florisil Columns for the Separation of Some Chlorinated Pesticides," *Bulletin of Environmental Contamination and Toxicology*, *12*(6): 717-720, (1974), modified.

Griffitt, K. R., Hampton D. C., and Sisk, R. L., "Miniaturized Florisil Column Cleanup of Chlorinated and Organophosphate Eluates in Total Diet Samples," *Laboratory Information Bulletin*, *No. 2722*, (1983), modified.

PROTOCOL DEVIATION

Protocol Procedure	Actual Procedure
Page 5, Section 2.2.6.2, Diet Analysis.	
Fat analysis will be performed using Covance Method Mnemonic FSOX.	Fat analysis was performed using Covance Method Mnemonic FAAH.

This deviation will have no effect on the integrity or quality of the study.

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Certificate of Analysis for Animal Diet

Lot #: 10078-57AB

For Study No. 99091/99092

Crop: Corn

Line/Event Description: NK603-L

Results of Analysis:

TCR ID No.: TCR052201C

Analysis Performed: NK603 event specific PCR

Date Analysis Completed: 5/22/00

SOP/Procedure No.: NA

Expected Results: Positive

Results: Positive

Summary: This PCR analysis confirms the presence of the NK603 event in the sample.

Signature of Analyst: [signature] 6/28/01 (Date)

Signature of Testing Facility Management: Janet M. Lee for Patrick T. Weston 07/05/200 (Date)

Reviewed by Quality Assurance: Michelle Higgins 07-05-01 (Date)

Exact Copy of Original as of 7/27/200 Date
Certified By [initials] Initials or Signature
Location of Original ML-99-253

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Certificate of Analysis for Animal Diet

Lot #: 10079-57AA

For Study No. 99091/99092

Crop: Corn

Line/Event Description: NK603-H

Results of Analysis:

TCR ID No.: TCR052201C

Analysis Performed: NK603 event specific PCR

Date Analysis Completed: 5/22/00

SOP/Procedure No.: NA

Expected Results: Positive

Results: Positive

Summary: This PCR analysis confirms the presence of the NK603 event in the sample.

Signature of Analyst: [signature] 6/28/01 (Date)

Signature of Testing Facility Management: Janet M. Lee for Patrick T. Weston, 07/05/2001 (Date)

Reviewed by Quality Assurance: Michelle Higgins 07-05-01 (Date)

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Location of Original MC-99-253

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Lot #: 10074-57AD

For Study No. 99091/99092

Crop: Corn

Line/Event Description: Parent-L

Results of Analysis:

TCR ID No.: TCR052201C

Analysis Performed: NK603 event specific PCR

Date Analysis Completed: 5/22/00

SOP/Procedure No.: NA

Expected Results: Negative

Results: Negative

Summary: This PCR analysis confirms the absence of the NK603 event in the sample.

Signature of Analyst: _____ 6/28/01 (Date)

Signature of Testing Facility Management: Janet M. Lee for Patrick T. Weaton 07/05/2001 (Date)

Reviewed by Quality Assurance: Michelle Higgins 07-05-01 (Date)

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Certificate of Analysis for Animal Diet

Lot #: 10075-57AC

For Study No. 99091/99092

Crop: Corn

Line/Event Description: Parent-H

Results of Analysis:

TCR ID No.: TCR052201C

Analysis Performed: NK603 event specific PCR

Date Analysis Completed: 5/22/00

SOP/Procedure No.: NA

Expected Results: Negative

Results: Negative

Summary: This PCR analysis confirms the absence of the NK603 event in the sample.

Signature of Analyst: _____ 6/28/01 (Date)

Signature of Testing Facility Management: Janet M. Lee for Patrick T. Weston, 07/05/2001 (Date)

Reviewed by Quality Assurance: Michelle Higgins 07-05-01 (Date)

Exact Copy of Original as of 7/27/2001 Date
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Location of Original ML-99-253

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Lot #: 10065-57AE

For Study No. 99091/99092

Crop: Corn

Line/Event Description: Crows 363

Results of Analysis:

TCR ID No.: TCR052201C

Analysis Performed: MON 810 event specific PCR

Date Analysis Completed: 5/22/00

SOP/Procedure No.: NA

Expected Results: Negative

Results: Negative

Summary: This PCR analysis confirms the absence of the MON 810 event in the sample.

TCR ID No.: TCR052201C

Analysis Performed: NK603 event specific PCR

Date Analysis Completed: 5/22/00

SOP/Procedure No.: NA

Expected Results: Negative

Results: Negative

Summary: This PCR analysis confirms the absence of the NK603 event in the sample.

Exact Copy of Original as of 1/27/2001 (Date)
Certified By [illegible] (Initials or Signature)
Location of Original ML-99-253

Signature of Analyst: [illegible] 6/28/01 (Date)

Signature of Testing Facility Management: Janet M. Lee for Gabriel T. Weston, 07/05/2001 (Date)

Reviewed by Quality Assurance: Michelle Hagin 07-05-01 (Date)

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Lot #: 10066-57AF

For Study No. 99091/99092

Crop: Corn

Line/Event Description: Pioneer 3394

Results of Analysis:

TCR ID No.: TCR052201C

Analysis Performed: MON 810 event specific PCR

Date Analysis Completed: 5/22/00

SOP/Procedure No.: NA

Expected Results: Negative

Results: Negative

Summary: This PCR analysis confirms the absence of the MON 810 event in the sample.

TCR ID No.: TCR052201C

Analysis Performed: NK603 event specific PCR

Date Analysis Completed: 5/22/00

SOP/Procedure No.: NA

Expected Results: Negative

Results: Negative

Summary: This PCR analysis confirms the absence of the NK603 event in the sample.

Exact Copy of Original as of 7/27/2001
Date
Certified By [illegible]
Initials or Signature
Location of Original ML-99-253

Signature of Analyst: [illegible] 6/28/01
(Date)

Signature of Testing Facility Management: Janet M. Lee for Patrick T. Weston 07/05/2001
(Date)

Reviewed by Quality Assurance: Michelle Higgins 07-05-01
(Date)

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Certificate of Analysis for Animal Diet

Lot #: 10067-57AG

For Study No. 99091/99092

Crop: Corn

Line/Event Description: Croplan Genetics 461

Results of Analysis:

TCR ID No.: TCR052201C

Analysis Performed: MON 810 event specific PCR

Date Analysis Completed: 5/22/00

SOP/Procedure No.: NA

Expected Results: Negative

Results: Negative

Summary: This PCR analysis confirms the absence of the MON 810 event in the sample.

TCR ID No.: TCR052201C

Analysis Performed: NK603 event specific PCR

Date Analysis Completed: 5/22/00

SOP/Procedure No.: NA

Expected Results: Negative

Results: Negative

Summary: This PCR analysis confirms the absence of the NK603 event in the sample.

Exact Copy of Original as of 7/27/20[illegible]
Date
Certified By [illegible]
Initials or Signature
Location of Original ML-99-253

Signature of Analyst: [illegible] 6/28/01
(Date)

Signature of Testing Facility Management: [illegible] for Patrick T. Weston, 07/25/2001
(Date)

Reviewed by Quality Assurance: Michelle Hyjin 07-05-01
(Date)

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Lot #: 10068-57AH

For Study No. 99091/99092

Crop: Corn

Line/Event Description: Campbells 6995

Results of Analysis:

TCR ID No.: TCR052201C

Analysis Performed: MON 810 event specific PCR

Date Analysis Completed: 5/22/00

SOP/Procedure No.: NA

Expected Results: Negative

Results: Negative

Summary: This PCR analysis confirms the absence of the MON 810 event in the sample.

TCR ID No.: TCR052201C

Analysis Performed: NK603 event specific PCR

Date Analysis Completed: 5/22/00

SOP/Procedure No.: NA

Expected Results: Negative

Results: Negative

Summary: This PCR analysis confirms the absence of the NK603 event in the sample.

Exact Copy of Original as of 7/27/2001 (Date)
Certified By [illegible] (Initials or Signature)
Location of Original MC-99-253

Signature of Analyst: [illegible] 6/28/01 (Date)

Signature of Testing Facility Management: Janet M. Lee for Patrick T. Weston, 07/05/2001 (Date)

Reviewed by Quality Assurance: Michelle Higgins 07-05-01 (Date)

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Lot #: 10069-57AM

For Study No. 99091/99092

Crop: Corn

Line/Event Description: DK539

Results of Analysis:

TCR ID No.: TCR052201C

Analysis Performed: MON 810 event specific PCR

Date Analysis Completed: 5/22/00

SOP/Procedure No.: NA

Expected Results: Negative

Results: Negative

Summary: This PCR analysis confirms the absence of the MON 810 event in the sample.

TCR ID No.: TCR052201C

Analysis Performed: NK603 event specific PCR

Date Analysis Completed: 5/22/00

SOP/Procedure No.: NA

Expected Results: Negative

Results: Negative

Summary: This PCR analysis confirms the absence of the NK603 event in the sample.

Exact Copy of Original as of 7/27/2001 (Date)
Certified By [illegible] (Initials or Signature)
Location of Original ML-99-253

Signature of Analyst: [illegible] 6/28/01 (Date)

Signature of Testing Facility Management: Janet M. Lee for Patrick T. Wheaton, 07/05/2001 (Date)

Reviewed by Quality Assurance: Michelle Higgins 07-05-01 (Date)

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Lot #: 10070-57AN

For Study No. 99091/99092

Crop: Corn

Line/Event Description: DK537

Results of Analysis:

TCR ID No.: TCR052201C

Analysis Performed: MON 810 event specific PCR

Date Analysis Completed: 5/22/00

SOP/Procedure No.: NA

Expected Results: Negative

Results: Negative

Summary: This PCR analysis confirms the absence of the MON 810 event in the sample.

TCR ID No.: TCR052201C

Analysis Performed: NK603 event specific PCR

Date Analysis Completed: 5/22/00

SOP/Procedure No.: NA

Expected Results: Negative

Results: Negative

Summary: This PCR analysis confirms the absence of the NK603 event in the sample.

Exact Copy of Original as of 7/27/2001 (Date)
Certified By [illegible] (Initials or Signature)
Location of Original ML-99-253

Signature of Analyst: [illegible] 6/28/01 (Date)

Signature of Testing Facility Management: Janet M. Lee for Patrick T. Weston 07/05/2001 (Date)

Reviewed by Quality Assurance: Michelle Higgins 07-05-01 (Date)

LabDiet

July 18, 2001

Dr. Bruce Hammond
Monsanto Company
O3F
800 North Lindbergh Blvd.
St. Louis, MO 63167

Dear Bruce:

Certification Profile of Test Diets

Bruce, the enclosed spreadsheet contains the information on the diets for NK603. I have inserted a column entitled "Purina Mills, Certification Profile, Max. Conc". The additional column contains the maximum values allowed in our Certified LabDiet® for rodents.

If you compare the Monsanto diets to the PMI values, you will see that none of the values exceed the maximum allowable concentrations. This is verifiable except for the value in the line labeled "TECH. Chlordane". As you will see, the maximum allowable level is 50 ppb, while the analyzed value is designated as <250 ppb. Since no absolute value is shown here, one cannot say with complete certainty that the maximum chlordane value would not be exceeded in the Monsanto diets. However, based on the values in the other compounds, I would venture to guess that would be true. A quantitative analysis for the TECH. Chlordane would be more definitive.

With the exception of chlordane, this documentation proves that the Monsanto diets manufactured for NK603 would be within the certification stipulations for Certified LabDiet®.

If you have further questions, please do not hesitate to contact us.

Dorrance

Dorrance Haught, Ph.D. - *Manager, Research & Technical Services, Specialty Business Group*

1401 South Hanley Road
St. Louis, MO 63144
Phone: 314.768.4362
Fax: 314.768.4859
E-Mail: Dorrance_Haught@Purina-Mills.com
www.labdiet.com

Monsanto ID	Purina Mills Certification Profile (Max. Conc.)	Mon Crows 363 (33%)	Mon Pioneer 3394 (33%)	Mon Croplan Genetics 461 (33%)
Covance ID		00404699	00404700	00404701
Proximates:				
Protein (%)		20.9	21.2	22.1
Ash (%)		6.04	6.30	6.12
Fat (%)		5.67	5.86	5.26
Moisture (%)		9.75	9.74	8.95
Crude Fiber (%)		4.42	4.95	4.40
Minerals (ppm)				
Arsenic	1	0.23	0.20	0.22
Cadmium	0.5	0.09	0.10	0.09
Lead	1.5	0.14	0.13	0.12
Mercury	0.2	<0.025	<0.025	<0.025
Selenium	0.5	0.28	0.26	0.26
Calcium		9600	11900	10300
Phosphorus		6580	6580	6650
Aflatoxins (ppb)	5			
B1		<1.00	<1.00	<1.00
B2		<1.00	<1.00	<1.00
G1		<1.00	<1.00	<1.00
G2		<1.00	<1.00	<1.00
Organochlorinated Screen (ppb)				
Tecnazene		<12.5	<12.5	<12.5
HCB	50	<6.50	<6.50	<6.50
Alpha-BHC	50	<12.5	<12.5	<12.5
Propyzamide		<25.0	<25.0	<25.0
DCNA		<18.5	<18.5	<18.5
PCNB		<10.0	<10.0	<10.0
Gamma-BHC		<12.5	<12.5	<12.5
Beta-BHC		<12.5	<12.5	<12.5
Heptachlor	30	<12.5	<12.5	<12.5
Chlorothalonil		<12.5	<12.5	<12.5
Delta-BHC	50	<12.5	<12.5	<12.5
Vinclozolin		<25.0	<25.0	<25.0
Aldrin	30	<12.5	<12.5	<12.5
DCPA		<18.5	<18.5	<18.5
Heptachlor Epoxide	30	<12.5	<12.5	<12.5
Endosulfan I		<12.5	<12.5	<12.5
Dieldrin	30	<12.5	<12.5	<12.5
Captan		<50.0	<50.0	<50.0
Folpet		<31.5	<31.5	<31.5
P,P'- DDE		<12.5	<12.5	<12.5
Endrin	30	<18.5	<18.5	<18.5
Oxadiazon		<37.5	<37.5	<37.5

Endosulfan II		<18.5	<18.5	<18.5
P,P' – DDD		<18.5	<18.5	<18.5
P,P' – DDT	150	<25.0	<25.0	<25.0
Endosulfan Sulfate		<18.5	<18.5	<18.5
Captafol		<31.5	<31.5	<31.5
Dicofol		<31.5	<31.5	<31.5
Mirex	20	<12.5	<12.5	<12.5
Tetradifon		<18.5	<18.5	<18.5
Methoxychlor	500	<31.5	<31.5	<31.5
Permethrin		<62.5	<62.5	<62.5
Cypermethrin		<94.0	<94.0	<94.0
Toxaphene		<625	<625	<625
Arochlor 1254		<250	<250	<250
Tech. Chlordane	50	<250	<250	<250
Organophosphate Screen (ppb)				
Vapona		<15.0	<15.0	<15.0
Methamidophos		<15.0	<15.0	<15.0
Mevinphos		<25.0	<25.0	<25.0
Acephate		<40.0	<40.0	<40.0
Omethoate		<35.0	<35.0	<35.0
Thimet	500	<20.0	<20.0	<20.0
Demeton-S		<25.0	<25.0	<25.0
Fonofos		<25.0	<25.0	<25.0
Diazinon	500	<20.0	<20.0	<20.0
Disulfoton	500	<25.0	<25.0	<25.0
Dimethoate		<20.0	<20.0	<20.0
Propetamphos		<30.0	<30.0	<30.0
Dichlofenthion		<30.0	<30.0	<30.0
Chlorpyrifos-Methyl		<20.0	<20.0	<20.0
Ronnel		<25.0	<25.0	<25.0
Parathion-Methyl	500	<25.0	<25.0	<25.0
Pirimiphos-Methyl		<25.0	<25.0	<25.0
Chhlorpyrifos-Ethyl		<25.0	<25.0	<25.0
Fenitrothion		<25.0	<25.0	<25.0
Malathion	500	42.3	52.4	37.7
Parathion-Ethyl	500	<30.0	<30.0	<30.0
Chlorfenvinphos		<40.0	<40.0	<40.0
Methidathion		<30.0	<30.0	<30.0
Prothiophos		<30.0	<30.0	<30.0
Ethion	500	<20.0	<20.0	<20.0
Trithion	500	<30.0	<30.0	<30.0
Phosmet		<35.0	<35.0	<35.0
EPN		<40.0	<40.0	<40.0
Azininphos-Methyl	500	<40.0	<40.0	<40.0
Phosalone	500	<40.0	<40.0	<40.0
Coumaphos		<50.0	<50.0	<50.0

Mon Campbells 6995 (33%) 00404702	Mon DK539 (33%) 00404703	Mon DK537 (33%) 00404704	Parent L 11% 00404707	Parent H 33% 00404708	NK 603 L 11% 00404711	NK 603 H 33% 00404712
20.5	20.8	20.6	19.8	20.2	21.0	20.8
6.25	6.16	6.62	5.51	7.66	5.61	5.53
5.67	5.69	5.53	5.59	5.70	5.51	4.64
8.10	8.69	8.88	9.36	9.46	9.40	9.90
4.52	4.47	4.59	4.67	4.53	4.66	4.39
0.23	0.21	0.23	0.13	0.28	0.20	0.19
0.09	0.10	0.09	0.10	0.09	0.10	0.09
0.12	0.13	0.15	0.11	0.12	0.11	0.12
<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
0.22	0.22	0.24	0.21	0.20	0.25	0.23
10200	10500	10700	9130	14700	9250	9720
6460	6480	6310	6380	6170	6330	6410
<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5
<6.50	<6.50	<6.50	<6.50	<6.50	<6.50	<6.50
<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5
<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
<18.5	<18.5	<18.5	<18.5	<18.5	<18.5	<18.5
<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5
<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5
<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5
<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5
<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5
<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5
<18.5	<18.5	<18.5	<18.5	<18.5	<18.5	<18.5
<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5
<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5
<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5
<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
<31.5	<31.5	<31.5	<31.5	<31.5	<31.5	<31.5
<12.5	<12.5	<12.5	<12.5	<12.5	<12.5	<12.5
<18.5	<18.5	<18.5	<18.5	<18.5	<18.5	<18.5
<37.5	<37.5	<37.5	<37.5	<37.5	<37.5	<37.5

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LabDiet

July 23, 2001

Bruce Hammond
Monsanto Company, O3F
800 N. Lindbergh Blvd
St Louis, MO., 63167

Dear Bruce:

Shelf Life of Purina TestDiet Formulated Rodent Diets for Monsanto

PMI® Nutrition International has found through research that the nutritional quality of PMI formulated rodent diets is adequate for up to 6 months after manufacture. PMI® Nutrition International does not warrant the quality of products beyond six months of age.

Controlled tests have shown that when Certified LabDiet® products are stored at 72°F (22°C) with 50% relative humidity (a normal air-conditioned environment), nutritional quality is maintained for six months.

The diets manufactured at the Purina TestDiet facility for the Monsanto rat feeding studies were based on the formula for Certified LabDiet® for rodents and were formulated with similar/comparable ingredients. Therefore, one would expect the shelf life Monsanto diets to be comparable to the Certified LabDiet® products discussed above.

If you have further questions, please do not hesitate to contact us.

Sincerely,

Dorrance

Dorrance Haught, Ph.D. Manager, Research & Technical Services, Specialty Business Group

1401 South Hanley Road
St. Louis, MO 63144
Phone: 314.768.4362
Fax: 314.768.4859
E-Mail: Dorrance_Haught@Purina-Mills.com
www.labdiet.com

Appendix 7 Monsanto Regulatory Quality Assurance Statement

Amended Quality Assurance Statement

Study Title: 13 Week Feeding Study in Rats with Grain from Roundup Ready® Corn (NK 603) Preceded by a 1-Week Baseline Food Consumption Determination with PMI Certified Rodent Diet #5002

Study Number: MSE-N Study Number 99091
ML Number 99-253

Study Portions: Statistical Analyses Report, ELISA Analysis, and Statistical Report Amendment

Reviews conducted by the Monsanto Regulatory Quality Assurance Unit confirm that the statistical sub-report accurately describes the methods and standard operating procedures followed and accurately reflects the raw data for this portion of the study.

Following is a list of reviews conducted by the Monsanto Regulatory Quality Assurance Unit on the portion of the study reported herein.

Dates of Inspection / Audit	Phase	Date Reported To: Study Director	Date Reported To: Management
July 31, 2001	Draft Sub-report Review	July 31, 2001	July 31, 2001
November 14, 2001	ELISA Analysis	November 26, 2001	November 26, 2001
November 28, 2001	Statistical Report Amendment	November 29, 2001	November 29, 2001

Paula A. Price November 29, 2001

Paula A. Price **Date**
Quality Assurance Unit
Monsanto Regulatory, Monsanto Company

Appendix 8 Global R&D Quality Assurance Statements

AMENDED QUALITY ASSURANCE AUDIT STATEMENT

Study Number: 99091

Protocol Amendment: Amendment I – May 31, 2000, Amendment II – August 23, 2000, Amendment III – March 2, 2001, and Amendment IV – June 14, 2001

Study Title: 13-Week Feeding Study in Rats with Grain from Roundup Ready ® Corn (NK 603) Preceded by a 1-Week Baseline Food Consumption Determination with PMI Certified Rodent Diet #5002

Phase Inspected/Audited	Date of Inspections and Audits	Dates of Communication to Study Director and Management
Protocol Review	November 15, 1999	November 15, 1999
Protocol Review	January 20, 2000	January 20, 2000
Protocol Review	March 31, 2000	March 31, 2000
Protocol Amendment	April 28, 2000	April 28, 2000
Protocol Amendment	May 25, 2000	May 25, 2000
Body Weight, Food Consumption and Clinical Observations	June 7, 2000	June 7, 2000
Test Article Receipt and Handling	June 12, 2000	June 12, 2000
Body Weight, Food Consumption and/or Clinical Observations	June 15, 2000	June 15, 2000
Diet Preparation and/or Dispensing	June 19, 2000	June 19, 2000
Blood Collection	July 18, 2000	July 18, 2000
Urine Collection	July 18, 2000	July 18, 2000
Clinical Pathology Analysis	July 19, 2000	July 19, 2000
Clinical Pathology Analysis	July 19, 2000	July, 19, 2000
Protocol Amendment	July 27, 2000	July 27, 2000
Body Weight, Food Consumption and/or Clinical Observations	August 16, 2000	August 16, 2000
Necropsy	September 19, 2000	September 19, 2000
Protocol Amendment	February 5, 2001	February 5, 2001
Dose Formulations Data Review	February 7, 2001	February 7, 2001
Dose Formulations Data Review	February 7, 2001	February 7, 2001
In-life Data Review	February 14, 2001	February 14, 2001
In-life Data Review	February 23, 2001	February 23, 2001
Clinical Chemistry Data Review	April 6, 2001	April 6, 2001
Clinical Chemistry Data Review	April 6, 2001	April 6, 2001
Clinical Chemistry Data Review	April 16, 2001	April 16, 2001
Clinical Chemistry Data Review	April 20, 2001	April 20, 2001
Gross Pathology Data Review	May 4, 2001	May 4, 2001
Gross Pathology Data Review	May 16, 2001	May 16, 2001
Protocol Amendment	May 25, 2001	May 25, 2001
Report Review	August 24, 2001	August 24, 2001
Report Amendment Review	November 30, 2001	November 30, 2001

Quality Assurance Review(s) Conducted by: S. Garrett, J. Kronewitter, S. McClain, P. Price, M. Shawgo, V. Zink

This signed statement indicates the Global R & D Quality Assurance Unit - St. Louis, has monitored this study and reviewed the data and final report.

Sally A. McClain
Quality Assurance

November 30, 2001
Date

QUALITY ASSURANCE STATEMENT FOR: "13-WEEK FEEDING STUDY IN RATS WITH GRAIN FROM ROUNDUP READY ® CORN (NK 603) PRECEDED BY A 1-WEEK BASELINE FOOD CONSUMPTION DETERMINATION WITH PMI CERTIFIED RODENT DIET #5002" (MSE-N STUDY NUMBER 99091)

APPENDIX DOCUMENT NUMBER

QAS-99091

The portions of this study, 99091, NK 603, conducted by Searle/Pharmacia, have been subjected to inspections by the Research and Development Quality Assurance Unit. The dates of audit and reports to study director and management are given below:

Date(s) of Inspection	Phase Inspected	Date(s) Reported to Study Director	Date(s) Reported to Management
22-24 May 2001	Clinical Chemistry Raw Data Review	08 June 2001	10 July 2001

SIGNATURE

Brian Kureja
Global R&D Quality Assurance

19 July 2001
Date

Appendix 9. Statistical Report

Statistical Report

13-Week Feeding Study in Rats with Grain from Roundup Ready® Corn (NK 603) Preceded by a 1-Week Baseline Food Consumption Determination with PMI Certified Rodent Diet #5002

MSE-N Study Number: 99091
ML Number ML-99-253

Data

The data consisted of male and female rat body weight measurements, food consumption measurements, clinical chemistry measurements, hematology measurements, urine chemistry measurements, and organ weight measurements for two lines (NK603 and parent) and six commercial lines (Crows 363, Pioneer 3394, Cropland Genetics 461, Campbells 6995, DK539 and DK 537). In addition, NK603 and the parent were present at either 11% or 33% in the diet while the commercial lines were at 33%. Additionally, pathology data were collected for both males and females for NK603 and the parent, at 33%.

The data, which were submitted by MSE-N in flat files and a Word document, were read into SAS®, version 8.2, for statistical analysis. A print of all the data is included in the statistical documentation section. In addition, Table 11 contains the units of measurement for each of the measured variables.

Statistical Analysis

Quantitative Responses

In preparation for statistical analysis, a PRESS standardized residual was used to identify outliers. Observations with a residual greater than or equal to ± 6 were deleted from the statistical analysis. There were four outliers identified for male individual body weight changes. The outliers are listed in Table 12.

Separate analyses were done for the males and the females. The test diets were compared using a one-way analysis of variance model, i.e.,

$$y_{ij} = \mu + \tau_i + \varepsilon_{ij}$$

where

y_{ij} is the value of the response for test diet I and rat j
μ is the overall mean
τ_i is the mean for test diet i
ε_{ij} is the random error for rat j fed test diet i.

Levene's test, using a p-value < 0.01 for statistical significance, was conducted to check for equality of variances. If the equality of variance assumption was rejected then the analysis of variance was done on the rank of the measured response rather than the actual response. Three contrasts among the test diets were constructed and tested. These contrasts were: NK603 versus the parent, at 11%; NK603 versus the parent, at 33%; NK603 at 33% versus the average of the six commercial lines. The level of significance used for the overall ANOVA and all contrasts was p-value < 0.05.

Tables 1 - 8 give means, standard deviations, and the number of rats for each of the diets along with p-values for the overall analysis of variance and the three contrasts. Table 9 gives summary statistics, sample size, mean, standard deviation, for Direct Bilirubin. This response was not included in the analysis of variance since either sample sizes were one or all observations were identical.

Qualitative Responses

The pathology data were analyzed using Fishers Exact Test for a 2x2 contingency table. A separate analysis was done for each sex. The incidences of microscopic findings, for each tissue and lesion type, were tabulated for the 33% parent and NK603 groups. The results of the statistical analysis are in Table 10.

Results

Quantitative Responses

There were instances where statistical significance was observed. The procedure for assessing the statistical analysis results was two-fold. First, if the overall analysis of variance was significant (p-value < 0.05) then the individual contrasts were investigated for significance, i.e., the one-degree of freedom contrasts were evaluated using a t-test procedure. This is similar to the protected LSD since the contrasts were evaluated in the presence of significance of the overall analysis of variance. Second, the significant contrasts were evaluated with respect to the means for the commercial lines. If the means were within the range of means for the commercial feeds then the significance was not deemed to be biologically meaningful.

There were instances where the overall ANOVA was nonsignificant but where some of the individual contrasts were significant. These were also investigated. If no patterns were noticed then these were deemed to be not biologically significant. The only significant effects that "stood out" are listed next.

For Urine Phosphorous, period 1, males, the overall ANOVA was significant and NK603, 33% was significantly different from the parent. But this is because the parent at 33% had a very low mean. NK603, 33% was not different from the average of the commercials. This same pattern was seen at period 2. For Urine Creatinine Clearance, period 1, males, the overall ANOVA was significant and NK603, 33% was different from the parent and also from the average of the commercials. The reason for the significance is that the NK603 mean is larger.

For Body Weight Change, Week 3–Week 4, females, NK603, 33% is significantly different from the parent, 33% but is not significantly different from the average of the commercials. This is because the parent mean is much lower than all the other means. For Body Weight Change, Week 11–Week 12, females, the overall ANOVA is significant and NK603, 11%, is significantly different from parent, 11%. This is because the NK603 mean is much larger than all the other means.

Qualitative Responses

None of the adverse incidence frequency comparisons between the parent and NK603, at 33% were statistically significant at $p < 0.05$.

Conclusions/Summary

There are no statistically significant trends in the data.

References

SAS®, Version 8 on-line documentation, 1999 SAS Institute, Inc., Cary, NC, USA.

Report Submitted By:

Margaret A. Nemeth 08/30/01

Margaret A. Nemeth, Ph.D., Team Leader
Statistics Technology Center, Ag Regulatory
Monsanto Company

Date

Contributors were:
Susan G. Riordan, Monsanto Company

Appendix 10: Historical Control Data

Historical Control Data

Parameter	Sex/Interval	Mean +/- 1 s.d.	Mean +/- 2 s.d.*
Monocytes x10E3/µl	Female/Terminal	0.37/0.12	0.49/0.0
Creatinine Clearance mL/min/100 gram body weight	Males/Interim	1.07/0.51	1.35/0.23
Blood Calcium mg/dL	Females/Interim	10.77/9.98	11.17/9.58
Blood Chloride mmol/L	Females/Interim	103.8/99.7	105.8/97.7
	Females/Terminal	106.3/102.4	108.2/100.4
Blood Sodium mmol/L	Males/Interim	146.6/143.2	148.3/141.5
	Females/Interim	145.0/140.0	147.6/137.4
	Females/Terminal	148.8/145.0	150.6/143.2

Note: ranges, means and standard deviations (s.d.) are calculated from the means of 8 groups each with 10 animals. Data from MSEN 99033
*95% Confidence interval

Although not required by protocol, in addition to the requirements of the characterization of the grains used in this study as reported in Appendix 5 (Pesticide Profile, Mycotoxin, Glyphosate and Compositional Analysis of Roundup Ready® Corn Line Produced at Fayette County, Ohio, U.S. in 1999 (Study #99-01-46-54), ELISA analysis was also performed. This appendix contains the report of that analysis.

Identity Confirmation of Corn Grain

Fouad S. Sayegh
October 25, 2001

I. Purpose

The purpose of the testing was to confirm the identity of nine corn grain samples by looking for the presence of the CP4 EPSPS protein using the Corn CP4 EPSPS ELISA. Samples were compared to 20%, 10%, 5%, 2%, and 1% NK603 corn grain references to estimate the % NK603 corn grain in each sample. Approximately 35 grams of each of the nine processed corn grain samples were delivered by Ralph Simmons on February 2, 2000. The samples were delivered on dry ice and then stored in a -80 °C freezer (Harris Classic Freezer in BB533, Freezer F1, Model Number HLT-25V-85E14, Serial Number Z07H-412516-ZH) until analysis on February 15, February 22 and 24, 2000. The samples were analyzed within the time-frame of tissue and extract stability (MSL# 16259). The analysis was performed using a qualitative application of the corn CP4 EPSPS ELISA.

ME FS 11/14/01

II. Materials and Methods

A. Grain Samples. The following nine processed corn grain samples were tested for the CP4 EPSPS protein:

- NK603
- Untreated Control
- Crows 363
- SC 1087
- Pioneer 3394
- Cropland Genetics 461
- NK4616
- Campbells 6995
- Pioneer 34G81

B. Methods. Corn grain samples were extracted as described in SOP BR-ME-0197-01. Extracts were subsequently analyzed for the CP4 EPSPS protein using the "procedure" described in SOP BR-ME-0197-01. However, since the procedure was being used for a "qualitative" application, the lot numbers of reagents used were not the same as those listed in the SOP. Additionally, since this was intended to be a qualitative ELISA, the acceptance criteria listed in the SOP DID NOT apply. The only criteria used for the qualitative ELISA was to ensure that the positive QC was positive and that the negative QC was negative.

C. Reference Materials.

FS 10/25/01

- 0% Roundup Ready (NK603) corn grain , i.e. non-Roundup Ready (NK603) corn grain- Sample ID# 98ZMGRO00171, Line LH 82 x B73 (IN), previously analyzed in study # 99-01-46-38 ('98 US Field Trials).
- 100% Roundup Ready (NK603) corn grain- Sample ID# 98ZMGRO00176, Line NK603 (IN), previously analyzed in study # 99-01-46-38 ('98 US Field Trials).

D. Experimental Design. The following NK603 Roundup Ready corn grain references were prepared by mixing the 0% and 100% reference materials described above: 1%, 2%, 5%, 10% and 20%. The "mean absorbance - 3 standard deviations" reading of each of the five percentages was compared to the mean absorbance of the test sample. The % NK603 Roundup Ready corn grain present in the sample was estimated by comparing the mean absorbance of the sample with the "mean absorbance - 3 standard deviations" of each of the five references listed above. The percentage of NK603 Roundup Ready corn in the sample is estimated to be ≤ the lowest reference percentage, whose "mean absorbance - 3 standard deviations" is greater than the mean absorbance of the sample.

III. Results and Discussion

Sample ID	Final Mean OD	Conclusion
NK603	1.655	NK603 Pos. Control
Untreated Control	0.001	≤ 1% NK603[1]
Crows 363	0.004	≤ 1% NK603[1]
SC 1087	0.002	≤ 1% NK603[1]
Pioneer 3394	0.059	≤ 1% NK603[1]
Cropland Genetics 461	0.005	≤ 1% NK603[1]
NK4616	0.015	≤ 1% NK603[1]
Campbells 6995	0.003	≤ 1% NK603[1]
Pioneer 34~~0~~81	0.002	≤ 1% NK603[1]

TE G FS 11/14/01

[1]: "Mean - 3SD" of the 1% NK603 is 0.125. Samples with Final Mean ODs that were less than "Mean - 3SD" of the 1% NK603 were considered to contain ≤ 1% NK603 corn grain.

It should be noted that an assumption being made in the analysis above is that the corn grain labeled as " ID# 98ZMGRO00176, Line NK603 (IN)" is indeed 100% NK603 corn grain. However, if the grain was less than 100% pure, the lowest percentage detectable would be correspondingly <u>less</u> than the percentages calculated above. Therefore, the statement that the material contains ≤ 1% NK603 would still be valid.

FS 10/25/01

IV. Conclusions

Based on the ELISA analysis of the nine corn grain samples for the presence of the CP4 EPSPS protein, the identity of the nine samples to be used for study # 99-01-46-54 has been confirmed . Corn grain sample NK603 has been confirmed to be the NK603 positive control, while, based on the estimate of the level of CP4 EPSPS protein present relative to NK603 references, the following corn grain samples have been confirmed to contain ≤ 1% NK603: Untreated Control, Crows 363, SC 1087, Pioneer 3394, Cropland Genetics 461, NK4616, Campbells 6995 and Pioneer 34~~0~~81.
G TE 11/15/01
FS

Signature of Approval:

Author Date: 11-15-2001

Janet M. Lee for Patrick T. Weston Date: 11-15-2001
Testing Facility Management

FS 10/25/01

The following changes are being made to the report by amendment 1

Page No.	Explanation
Title	Amendment 1
3	New signature page for amendment 1
9	Appendices 11, and 12 added
19, 28	ELISA analysis added
35 (6)	Percent added
39 (4)	Reference control population and parental control switched (corrected)
156, 173	Pages annotated to explain absence of period 2 data
187, 195, 198, 199	Data corrected for sample dilution error
206, 207	Tissue (parathyroid) listed as missing removed from statistical analysis
1222-1226	Identity confirmation (ELISA) of corn grain report added
1227-1228	Explanation of amendment 1 changes added