Monsanto

TECHNOLOGY

MAG/Env. & Public Affairs/EHL
(CO./DIV./DEPT./LOCATION)

MAC TOXICOLOGY

Final REPORT
(TYPE OF REPORT)

REPORT NO.: MSL-13077

JOB/PROJECT NO.: ML-92-542/EHL 92223

DATE: October 1, 1993

TITLE: Acute Oral Toxicity Study of CP4 EPSPS Protein in Albino Mice

AUTHORS: [redacted]

ABSTRACT: CP4 EPSPS protein (CP4) was administered as a single dose by gavage to groups of ten CD-1 mice/sex at dosages of 49, 154 and 572 mg/kg (target doses were 40, 100 and 400 mg/kg). A vehicle control group of 10 mice/sex was administered the vehicle, 50mM Na bicarbonate buffer solution, at a dosage of 33.33 ml/kg. Another control group (also termed vehicle control in the computer tables) of 10 mice/sex was administered bovine serum albumin (BSA) at a dosage of 363 mg/kg (also at 33.33 ml/kg; target dosage was 400 mg/kg). Clinical observations were performed, and body weights and food consumption were determined. All surviving animals were necropsied at study termination (Days 8-9). Numerous tissues were retained, but no tissues were examined microscopically.

There were no treatment-related effects on body weight, food consumption, survival, clinical observations or gross pathology.

There were no adverse effects by CP4 protein at dosages up to 572 mg/kg, administered by gavage to mice. Therefore, the highest dosage (572 mg/kg) of CP4 protein administered by gavage to mice was considered a No-Effect-Level (NOEL).

REPT. NO.: MSL-13077 AUTHORS: [redacted]
TITLE: Acute Oral Toxicity Study of CP4 EPSPS Protein in Albino Mice
COPY NO.: 7

AA022375

MONSANTO TOXICOLOGY STUDY SUMMARY

TEST SUBSTANCE:	CP4 5-enol-pyruvyl-shikimate-3-phosphate synthase (EPSPS) protein
STUDY TITLE:	Acute Oral Toxicity Study of CP4 EPSPS Protein in Albino Mice
TESTING LABORATORY:	Monsanto Environmental Health Laboratory St. Louis, Missouri
LAB STUDY NO:	92223
MONSANTO STUDY NO:	ML-92-542
FINAL REPORT ISSUED:	Oct. 11, 1993
SUMMARY PREPARED:	June 13, 1994

PURPOSE

An acute oral toxicity test was undertaken to assess the potential mammalian toxicity of CP4 EPSPS protein. The gene for this protein has been inserted into food crops to impart tolerance to glyphosate, the active ingredient of ROUNDUP ® herbicide. This provides farmers with an alternative method for control of weeds.

METHODS

CP4 EPSPS protein (Batch no. 5192245) was administered by gavage to 3 groups of 10 CD-1 male and female mice. The test material was produced in *E. coli.* bacteria and purified to > 90% purity (MSL-12901). The CP4 EPSPS protein expressed in *E. coli.* was shown to be equivalent to that expressed in canola (MSL-12968). Mice were selected for dosing instead of rats since there was a limited amount of test material available via production in bacteria. Mice are considered an acceptable species for assessing mammalian safety since there is a considerable body of data regarding the toxicity of chemicals in mice.

The targeted doses of CP4 EPSPS protein administered to groups of 10 mice/sex were 0, 40, 100 and 400 mg/kg. Analysis of the dosing solutions determined that the analytically confirmed dosages given were approximately 572, 154 or 49 mg/kg CP4 EPSPS protein as a single dose in one day (MSL-12900). The highest dose administered is approximately 1300 times greater than the highest potential human exposure to CP4 EPSPS protein

(based on U.S. data) if the protein were expressed in soybean, corn, tomato and potato (assuming no loss of CP4 EPSPS due to processing).*

* Technical Assessment Systems, Inc., Exposure 1, Chronic Dietary Exposure Analysis Program (1977-78 USDA surveys).

Another group of mice was gavaged with 400 mg/kg bovine serum albumin (BSA) (Lot # 50H9300, > 98% purity) and served as a protein control group. The dosing vehicle for CP4 EPSPS and BSA proteins was 0.05 M carbonate buffer. Vehicle controls were administered the same volume of dosing vehicle given to high dosage mice.

Test animals were gavaged once with test material at a dosing rate of 33.3 ml/kg body weight. The dosing solutions were prepared the same day of dosing and samples of the dosing solutions were collected before and immediately after dosing for confirmational analysis of the dose.

Mice were observed twice daily for signs of toxicity and food consumption was recorded daily. Food and water were provided *ad libitum* during the study. Body weights were recorded pre-test and on post-dosing day 7. Food consumption was measured once (days 1-7). All animals were sacrificed on post-dosing day 8 and 9 and subjected to a gross necropsy. Approximately 40 tissues were collected and saved for each animal on test.

RESULTS

No treatment related adverse effects were observed in animals dosed with CP4 EPSPS protein. There were no statistically significant differences in body weight, cumulative body weight or food consumption between the vehicle or protein control groups and CP4 EPSPS protein treated groups.

A few minor pathologic findings were observed at necropsy which were randomly distributed among all groups and are commonly seen in the strain of mice used by the testing laboratory. None of these findings were considered treatment related.

Results of the dose confirmation analysis revealed that CP4 EPSPS was stable in the dosing solutions. This was determined by analysis of CP4 EPSPS in dosing solutions via SDS-PAGE, western blot, enzymatic assay and ELISA. The concentrations of CP4 EPSPS determined analytically were somewhat higher than the targeted concentrations. The actual dosages administered were therefore 49, 154 and 572 mg/kg compared to targeted dosages of 40, 100 and 400 mg/kg.

CONCLUSION

There were no adverse findings considered to be treatment related in any of the groups administered CP4 EPSPS protein by oral gavage at dosages up to 572 mg/kg. This dose represents greater than a 1300 fold safety margin relative to the highest potential human consumption of CP4 EPSPS protein expressed in a variety of food crops.

[redacted]

Monsanto Agricultural Group

MONSANTO COMPANY
THE AGRICULTURAL GROUP
ENVIRONMENTAL HEALTH LABORATORY
645 S. NEWSTEAD
ST. LOUIS, MISSOURI 63110

Acute Oral Toxicity Study of CP4 EPSPS Protein in Albino Mice

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Study Number: 92223
Project Number: ML-92-542

[redacted]

10/1/93
Date

Study Director

[redacted]

10/1/93
Date

Director, Environmental Health Laboratory

SUMMARY

CP4 EPSPS protein (CP4) was administered as a single dose by gavage to groups of ten CD-1 mice/sex at dosages of 49, 154 and 572 mg/kg (target doses were 40, 100 and 400 mg/kg). A vehicle control group of 10 mice/sex was administered the vehicle, 50mM Na bicarbonate buffer solution, at a dosage of 33.33 ml/kg. Another control group (also termed vehicle control in the computer tables) of 10 mice/sex was administered bovine serum albumin (BSA) at a dosage of 363 mg/kg (also at 33.33 ml/kg; target dosage was 400 mg/kg). Clinical observations were performed, and body weights and food consumption were determined. All surviving animals were necropsied at study termination (Days 8-9). Numerous tissues were retained, but no tissues were examined microscopically.

There were no treatment-related effects on body weight, food consumption, survival, clinical observations or gross pathology.

There were no adverse effects by CP4 protein at dosages up to 572 mg/kg, administered by gavage to mice. Therefore, the highest dosage (572 mg/kg) of CP4 protein administered by gavage to mice was considered a No-Effect-Level (NOEL).

TABLE OF CONTENTS

TRADEMARKS

The following registered trademarks were used in this report:

ITEM	REGISTERED TRADEMARK OF:
RODENT CHOW	Purina Mills, Inc., St. Louis, MO
CD-1	Charles River Laboratories, Inc. Wilmington, MA

NOTES TO READER

TERMS

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

GEN Generation (F0, F1, etc.) used 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.

ANIMAL IDENTIFICATION SYSTEM

The current EHL animal number format is YYXXXSGAANNN where YYXXX is the study number, Y is the study year, and X is the sequence number within the year. The S represents the animal's sex, G is the primary group code, A's may represent the subgroup code (in most cases these characters are blank), and N is the animal's sequence number within the group (or subgroup), e.g., 99999M2 001. The animal designation may be further reduced by exclusion of the study number and blank subgroup codes, e.g., M2001. These abbreviated animal identifications will include five to seven characters, depending on the number of characters in the subgroup code.

INTRODUCTION

Purpose: To determine the toxicity of CP4 protein when administered as a single dose by gavage to mice.
Date Protocol Signed by Study Director: December 21, 1992
Date of First Exposure (Day 1 of Study): December 21, 1992
Date Last Animal Sacrificed: December 29, 1992
Experimental Design: CP4 protein was administered by gavage to groups of ten CD-1 mice/sex at dosages of 49, 154 and 572 mg/kg (target doses were 40, 100 and 400 mg/kg). A vehicle control group of 10 mice/sex was administered the vehicle, 50mM Na bicarbonate buffer solution, at a dosage of 33.33 ml/kg. Another control group of 10 mice/sex was administered bovine serum albumin (BSA) at a dosage of 363 mg/kg (also at 33.33 ml/kg; target dosage was 400 mg/kg). Clinical observations were performed, and body weights and food consumption were determined. All animals were necropsied at study termination (Days 8-9). Numerous tissues were retained, but no tissues were examined microscopically.

MATERIALS AND METHODS

Test Material and Vehicle

Source (Test Material and Vehicle): The Agricultural Group, Monsanto Co., St. Louis, MO
Date Received: December 21, 1992

Identification: CP4 protein - >90% purity
3 solutions were prepared and provided by the sponsor; stated to be 1.2, 3.0 and 12.0 mg/ml in vehicle (Monsanto Report #MSL-12900)
EHL Substance Identification Codes: T920187, T920186 and T920185, respectively
Lot Number: nbp's 5192245 and 5212605

Identification: Vehicle - 50mM Na Carbonate buffer solution, pH 8.5
EHL Substance Identification Code: T920189
Lot Number: nbp's 5192245 and 5212605

Control Material

Identification: BSA - Crystallized and lyophilized, >98% purity
Source: Sigma Chemical Co., St. Louis, MO 63178
EHL Substance Identification Code: T920188
Lot Number: 50H9300

Test Material Formulation

Group Designations and Dosages:

Treatment Level	Group Designations (Male, Female)	Target Dosage	Nominal Conc.	Actual Dosage
Carb. buffer vehicle	MV1, FV1	33.33 ml/kg	N/A	33.33 ml/kg
BSA + vehicle	MV2, FV2	400 mg/kg	12 mg/ml	363 mg/kg*
T-1 (CP4 protein)	M1, F1	40 mg/kg	1.2 mg/ml	49 mg/kg*
T-2 (CP4 protein)	M2, F2	100 mg/kg	3 mg/ml	154 mg/kg*
T-3 (CP4 protein)	M3, F3	400 mg/kg	12 mg/ml	572 mg/kg*

*The 50mM carbonate buffer solution was used as the vehicle, and all groups were given a volume of 33.33 ml/kg. Both the BSA and CP4 protein were dissolved using the carbonate buffer vehicle. All of the dosing mixtures were true solutions. Actual dosages of CP4 groups were determined by ELISA analyses of the dosing solutions (Monsanto Report #MSL-12900).

Animals

Note: Animal housing and husbandry were in accordance with the provisions of the 'Guide to the Care and Use of Laboratory Animals', USPHS-NIH Publication No. 86-23.

Species: Albino mouse
Strain: CD-1
Source: Charles River Breeding Laboratory, Portage MI
Date of Arrival at EHL: December 8, 1992
Acclimation Period: 13 days
Number Used in Study: 100 (50 males, 50 females). Any unhealthy animals were excluded from assignment to the study.
Test Group Size: 10/sex
Method of Assignment: Computer randomization by weight
Method of Identification: Individual ear tag and bar-coded cage card
Age at Study Start: Males; approximately 5.5 weeks
Females; approximately 7 weeks (*Note* - The study protocol specified an age of 7-9 weeks on the first day of the study. The younger age of the males was not considered to have had an effect on the results of this study.)
Weight Range at Study Start: Males - 25.2 to 29.8 grams
Females - 22.7 to 27.2 grams
Type of Housing: Individual stainless steel cages
Water Availability: *ad libitum* (St. Louis public water supply, zeolite-conditioned upon entering the laboratory)
Food Availability: *ad libitum* (Purina Certified RODENT CHOW #5002)
Light Cycle: 12 hours daily (on at 6:30 A.M.)

Inlife Observations

Checks for Mortality and Moribundity: Twice daily (AM and PM)
Detailed Observations for Signs of Toxicity: Once (Day 7)
Body Weight: Prior to randomization, on Day 7 and at termination (after an overnight fast)
Food Consumption Measurement: Once (Days 1 to 7)

Gross Pathology

Animals Examined: All
Scheduled Sacrifice: Days 8-9
Extent of Examination: External and internal. Internal cavities were opened, and organs were examined *in situ* and then removed. Hollow organs were opened and examined.
Organs Weighed: None
Tissues Retained: Aorta, adrenals, brain, cecum, colon, duodenum, esophagus, eyes, femur with joint, gall bladder, gross lesions, heart, ileum, jejunum, kidneys, lungs (with mainstem bronchi), liver, lymph node (mesenteric and submaxillary), muscle (quadriceps femoris), ovaries, pancreas, pituitary, prostate, rectum, salivary gland (submaxillary), sciatic nerve, seminal vesicles, skin (with mammary tissue), spinal cord (cervical, thorax, lumbar), spleen, sternum with marrow, stomach, testes with epididymides, thymus, thyroid/parathyroid, trachea, uterus (corpus and cervix), urinary bladder
Fixatives: Eyes: 5% buffered neutral formalin/0.5% glutaraldehyde
Remaining tissues: 10% buffered neutral formalin

Statistics

The following procedures were used to detect statistically significant differences between treated animals and their respective controls:

Dunnett's Multiple Comparison Test (two-tailed) (1): Inlife body weights, cumulative weight gain and food consumption

Terminal body weights were evaluated by decision-tree statistical analysis procedures which, depending on the results of tests for normality (2) and homogeneity of variances (Bartlett's Test), utilized either parametric (Dunnett's Test and Linear Regression) or nonparametric (Kruskal-Wallis, Jonckheere's and/or Mann-Whitney Tests) routines to detect group differences and analyze for trend.

Other statistical routines used for some data were: Bartlett's Test (3) to evaluate homogeneity of variances, Analysis of Variance (4) to determine if the sample (group) means could be considered as an estimate of a common population.

RESULTS

Inlife

Mortality

Refer to Appendix 1, Table 4; Appendix 2, Table 4. All animals survived to the scheduled termination of the study.

Body Weight

Refer to Appendix 1, Tables 1 and 2; Appendix 2, Table 1. There were no statistically significant differences in group mean body weight or cumulative weight gain in any of the groups treated with either BSA or the CP4 protein, when compared to the carbonate buffer vehicle control group.

Food Consumption

Refer to Appendix 1, Table 3; Appendix 2, Table 2. There were no statistically significant differences in group mean food consumption by any of the groups treated with either BSA or the CP4 protein, when compared to the carbonate buffer vehicle control group.

Clinical Signs

Refer to Appendix 1, Table 4; Appendix 2, Table 3. There were no abnormal clinical signs.

Pathology

Gross Pathology

Refer to Appendix 1, Tables 5-6; Appendix 3, Table 1. There were no statistically significant differences in group mean terminal body weights, and there were no gross lesions considered related to treatment.

DISCUSSION

There were no adverse findings considered related to treatment in any of the groups. Therefore, the highest dosage (572 mg/kg) of CP4 protein administered by gavage to mice was considered a No-Observed-Effect-Level (NOEL).

REFERENCES

1. [redacted] A multiple comparison procedure for comparing several treatments with a control. Jour. Am. Stat. Assoc. 50: 1096-1121 (1955).

2. BMDP Biomedical Computer Programs P Series Manual, Health Sciences Computing Facility, UCLA, University of California Press (1977).

3. [redacted] Introduction to Statistical Analysis, 3rd Edition. McGraw-Hill Company, NY (1969).

4. [redacted] Statistical Methods. Iowa State University Press, Ames, IA (1967).

ESH QUALITY ASSURANCE AUDIT STATEMENT

Study Number:	92223 ML-92-542
Protocol Amendments:	None
Study Title:	Acute Oral Toxicity Study of CP4 EPSPS Protein in Albino Mice
Dates of Inspections and Communication of Findings:	December 28, 30, 1992 January 22, 28, 1993 March 16, 1993 June 10, 11, 16, 1993
Quality Assurance Review Conducted by:	[redacted]

Results: The Quality Assurance review indicates the final report accurately presents the raw data as developed during the study. There appears to be no significant deviation from applicable GLP regulations that adversely affected study quality or integrity.

[redacted]
Compliance Assurance

6/17/93
Date

STATEMENT OF COMPLIANCE

The study EHL 92223 (ML-92-542) was conducted in general conformance with the EPA FIFRA (40 CFR Part 160), FDA (21 CFR Part 58), OECD and MAFF Good Laboratory Practice (GLP) Standards/Principles, with the following exception:

Test material characterization and stability were the responsibility of the Operating Unit and were not performed by the EHL.

[redacted]

10/1/93
Date

[redacted]

10/1/93
Date

Director, Environmental Health Laboratory

SUPPLEMENTARY STUDY INFORMATION

Study Performed at: Environmental Health Laboratory (EHL), 645 S. Newstead, St. Louis, MO 63110

Location of Study Protocol, Original Data, Retained Tissues, Final Report and Facility Records: Environmental Health Laboratory Archives

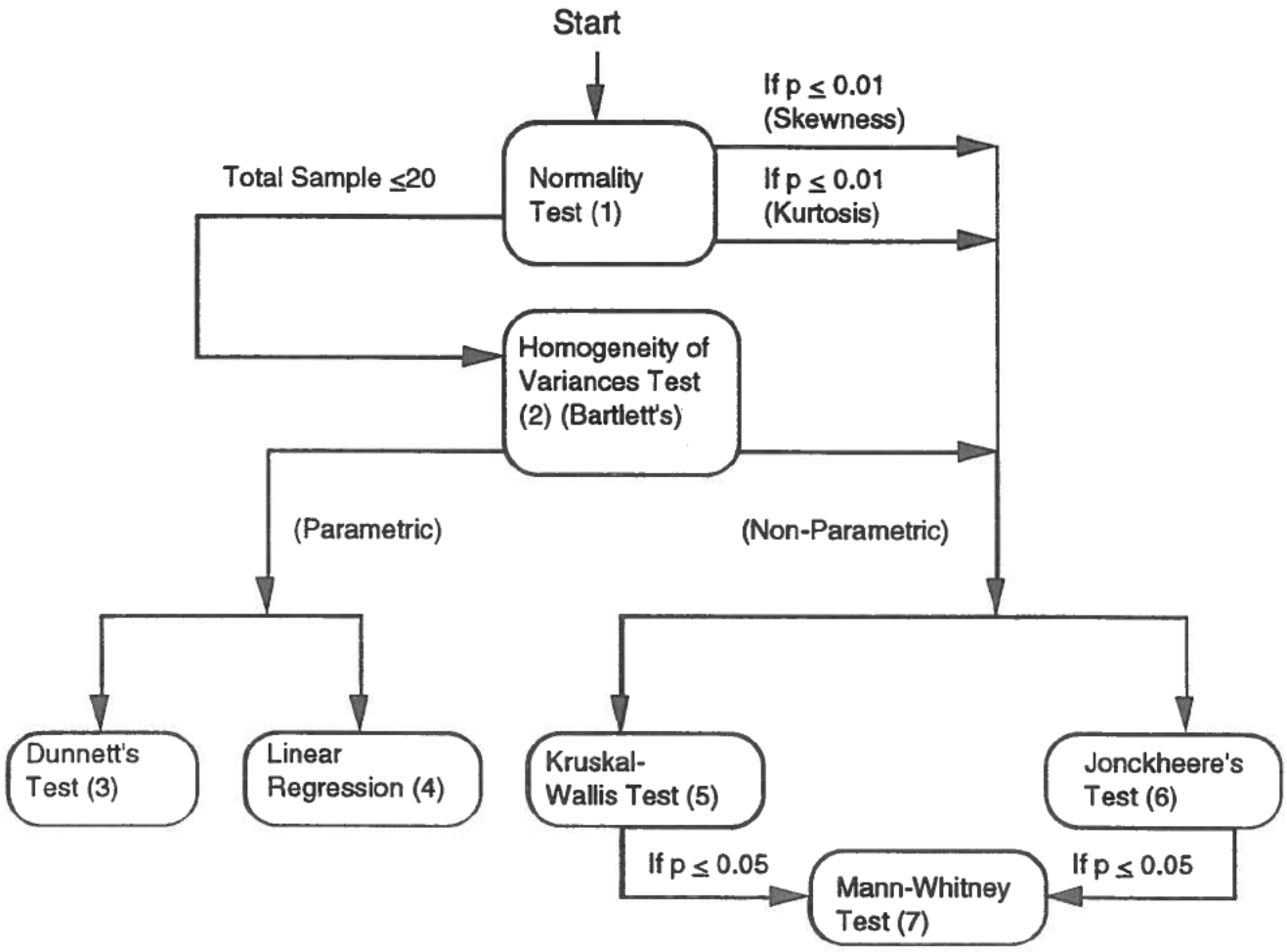
Supervisory Personnel:

[redacted]
Manager, Pathology

[redacted]
Manager, Toxicology Studies

[redacted]
Director, Environmental Health Laboratory

EHL DECISION-TREE STATISTICAL ANALYSIS



Note 1: Categorical data were analyzed with an Uncorrected Chi-square Test (8)
Note 2: Dunnett's and Mann-Whitney tests to detect group differences were performed two-tailed.

EHL DECISION-TREE STATISTICAL ANALYSIS

REFERENCES

1. BMDP Biomedical Computer Programs P Series Manual, Health Sciences Computing Facility, UCLA, University of California Press (1977).

2. [redacted] Introduction to Statistical Analysis, 3rd Edition, McGraw-Hill Company, NY (1969).

3. [redacted] A multiple comparison procedure for comparing several treatments with a control. Jour. Am. Stat. Assoc. 50: 1096-1121 (1955).

4. [redacted] Applied Regression Analysis. Wiley, NY (1966).

5. [redacted] A generalized Kruskal-Wallis test for comparing K-Samples subject to unequal patterns of censorship. Biometrika. 57: 579-594 (1970).

6. [redacted] Nonparametric Statistical Methods. Wiley, NY (1973).

7. [redacted] On a test of whether one of two random variables is stochastically larger than the other. Ann. Math. Stat. 18: 50-60 (1947).

8. [redacted] Statistical Methods. Iowa State University Press, Ames, IA (1967).

APPENDIX 1

SUMMARY TABLES

STUDY NUMBER: 92223 SUMMARY OF BODY WEIGHT DATA (GM)
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

SEX: MALE

GROUP	TARGET DOSE	DATE (1992): DAY OF STUDY:	PRE-TEST	27-DEC 7
MV1	33.33 ML/KG	MEAN	28.0	29.3
VEHICLE CONTROL		STD. DEV.	1.52	1.79
Na CARBONATE BUFFER		SAMPLE SIZE	10	10
MV2	33.33 ML/KG	MEAN	28.1	29.9
VEHICLE CONTROL		STD. DEV.	1.35	1.21
PROTEIN (BSA) CONTROL		SAMPLE SIZE	10	10
M1	49.00 MG/KG	MEAN	28.0	30.2
TEST GROUP		STD. DEV.	1.33	1.09
CP4 EPSPS PROTEIN		SAMPLE SIZE	10	10
M2	154.0 MG/KG	MEAN	28.0	29.5
TEST GROUP		STD. DEV.	1.32	1.67
CP4 EPSPS PROTEIN		SAMPLE SIZE	10	10
M3	572.0 MG/KG	MEAN	28.1	29.5
TEST GROUP		STD. DEV.	1.30	1.27
CP4 EPSPS PROTEIN		SAMPLE SIZE	10	10

- - - L E G E N D - - -

* -- DUNNETT'S TEST (TWO-TAILED) INDICATES STATISTICALLY SIGNIFICANT DIFFERENCE ($P \leq .05$)
** -- DUNNETT'S TEST (TWO-TAILED) INDICATES STATISTICALLY SIGNIFICANT DIFFERENCE ($P \leq .01$)
BT -- BARTLETT'S TEST INDICATES STATISTICALLY SIGNIFICANT DIFFERENCE AMONG VARIANCES OF THE DIFFERENT GROUPS ($P \leq .01$)
NA -- DUNNETT'S TEST NOT APPROPRIATE FOR THIS GROUP/SEX/DATE

STUDY NUMBER: 92223
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE)

SUMMARY OF BODY WEIGHT DATA (GM)

SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

SEX: FEMALE

GROUP	TARGET DOSE	DATE (1992): DAY OF STUDY:	PRE-TEST	27-DEC 7
FV1	33.33 ML/KG	MEAN	24.8	25.2
VEHICLE CONTROL		STD. DEV.	1.20	1.65
Na CARBONATE BUFFER		SAMPLE SIZE	10	10
FV2	33.33 ML/KG	MEAN	24.8	25.0
VEHICLE CONTROL		STD. DEV.	1.19	0.87
PROTEIN (BSA) CONTROL		SAMPLE SIZE	10	10
F1	49.00 MG/KG	MEAN	24.6	24.8
TEST GROUP		STD. DEV.	1.24	1.51
CP4 EPSPS PROTEIN		SAMPLE SIZE	10	10
F2	154.0 MG/KG	MEAN	24.6	25.0
TEST GROUP		STD. DEV.	1.12	1.04
CP4 EPSPS PROTEIN		SAMPLE SIZE	10	10
F3	572.0 MG/KG	MEAN	24.6	24.7
TEST GROUP		STD. DEV.	1.27	1.46
CP4 EPSPS PROTEIN		SAMPLE SIZE	10	10

- - - L E G E N D - - -

* -- DUNNETT'S TEST (TWO-TAILED) INDICATES STATISTICALLY SIGNIFICANT DIFFERENCE ($P \leq .05$)
** -- DUNNETT'S TEST (TWO-TAILED) INDICATES STATISTICALLY SIGNIFICANT DIFFERENCE ($P \leq .01$)
BT -- BARTLETT'S TEST INDICATES STATISTICALLY SIGNIFICANT DIFFERENCE AMONG VARIANCES OF THE DIFFERENT GROUPS ($P \leq .01$)
NA -- DUNNETT'S TEST NOT APPROPRIATE FOR THIS GROUP/SEX/DATE

STUDY NUMBER: 92223 SUMMARY OF FOOD CONSUMPTION DATA
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

SEX: MALE

		FROM DATE : 21-DEC-92 TO DATE : 27-DEC-92 DAY OF STUDY (FROM-TO) : 1-7
MV1 VEHICLE CONTROL 33.33 ML/KG Na CARBONATE BUFFER	MEAN GM/DAY STD. DEV. SAMPLE SIZE	5.4 0.50 10
MV2 VEHICLE CONTROL 33.33 ML/KG PROTEIN (BSA) CONTROL	MEAN GM/DAY STD. DEV. SAMPLE SIZE	5.4 0.43 10
M1 TEST GROUP 49.00 MG/KG CP4 EPSPS PROTEIN	MEAN GM/DAY STD. DEV. SAMPLE SIZE	5.5 0.27 10
M2 TEST GROUP 154.0 MG/KG CP4 EPSPS PROTEIN	MEAN GM/DAY STD. DEV. SAMPLE SIZE	5.5 0.37 10
M3 TEST GROUP 572.0 MG/KG CP4 EPSPS PROTEIN	MEAN GM/DAY STD. DEV. SAMPLE SIZE	5.5 0.38 10

- - - L E G E N D - - -

* -- DUNNETT'S TEST (TWO-TAILED) INDICATES STATISTICALLY SIGNIFICANT DIFFERENCE ($P \leq .05$)
** -- DUNNETT'S TEST (TWO-TAILED) INDICATES STATISTICALLY SIGNIFICANT DIFFERENCE ($P \leq .01$)
BT -- BARTLETT'S TEST INDICATES STATISTICALLY SIGNIFICANT DIFFERENCE AMONG VARIANCES OF THE DIFFERENT GROUPS ($P \leq .01$)
NA -- DUNNETT'S TEST NOT APPROPRIATE FOR THIS GROUP/SEX/DATE

STUDY NUMBER: 92223 SUMMARY OF FOOD CONSUMPTION DATA
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

SEX: FEMALE

FROM DATE : 21-DEC-92
TO DATE : 27-DEC-92
DAY OF STUDY (FROM-TO) : 1-7

FV1 VEHICLE CONTROL	MEAN GM/DAY	5.5
33.33 ML/KG	STD. DEV.	0.89
Na CARBONATE BUFFER	SAMPLE SIZE	10
FV2 VEHICLE CONTROL	MEAN GM/DAY	5.1
33.33 ML/KG	STD. DEV.	0.65
PROTEIN (BSA) CONTROL	SAMPLE SIZE	10
F1 TEST GROUP	MEAN GM/DAY	5.3
49.00 MG/KG	STD. DEV.	0.85
CP4 EPSPS PROTEIN	SAMPLE SIZE	10
F2 TEST GROUP	MEAN GM/DAY	5.3
154.0 MG/KG	STD. DEV.	0.50
CP4 EPSPS PROTEIN	SAMPLE SIZE	10
F3 TEST GROUP	MEAN GM/DAY	5.1
572.0 MG/KG	STD. DEV.	0.37
CP4 EPSPS PROTEIN	SAMPLE SIZE	9

- - - L E G E N D - - -

* -- DUNNETT'S TEST (TWO-TAILED) INDICATES STATISTICALLY SIGNIFICANT DIFFERENCE ($P \leq .05$)
** -- DUNNETT'S TEST (TWO-TAILED) INDICATES STATISTICALLY SIGNIFICANT DIFFERENCE ($P \leq .01$)
BT -- BARTLETT'S TEST INDICATES STATISTICALLY SIGNIFICANT DIFFERENCE AMONG VARIANCES OF THE DIFFERENT GROUPS ($P \leq .01$)
NA -- DUNNETT'S TEST NOT APPROPRIATE FOR THIS GROUP/SEX/DATE

STUDY NUMBER: 92223 SUMMARY OF CUMULATIVE BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 12-AUG-93
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

SEX: MALE

		FROM DATE: 21-DEC-92 TO DATE : 27-DEC-92 DAY OF STUDY (FROM-TO): 1- 7
MV1 VEHICLE CONTROL 33 ML/KG Na CARBONATE BUFFER	MEAN GM STD. DEV. SAMPLE SIZE	1.26 0.917 10
MV2 VEHICLE CONTROL 33 ML/KG PROTEIN (BSA) CONTROL	MEAN GM STD. DEV. SAMPLE SIZE	1.86 0.853 10
M1 TEST GROUP 49 MG/KG CP4 EPSPS PROTEIN	MEAN GM STD. DEV. SAMPLE SIZE	2.20 0.892 10
M2 TEST GROUP 154 MG/KG CP4 EPSPS PROTEIN	MEAN GM STD. DEV. SAMPLE SIZE	1.54 1.171 10
M3 TEST GROUP 572 MG/KG CP4 EPSPS PROTEIN	MEAN GM STD. DEV. SAMPLE SIZE	1.46 0.675 10

- - - L E G E N D - - -

* - DUNNETT'S TEST (TWO-TAILED) INDICATES STATISTICALLY SIGNIFICANT DIFFERENCE (P < 0.05)
** - DUNNETT'S TEST (TWO-TAILED) INDICATES STATISTICALLY SIGNIFICANT DIFFERENCE (P < 0.01)
NA - DUNNETT'S TEST NOT APPROPRIATE FOR THIS PERIOD

STUDY NUMBER: 92223 SUMMARY OF CUMULATIVE BODY WEIGHT CHANGES (GM) REPORT PRINT DATE: 12-AUG-93
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

SEX: FEMALE

	FROM DATE:	21-DEC-92
	TO DATE :	27-DEC-92
DAY OF STUDY (FROM-TO):		1- 7
FV1 VEHICLE CONTROL	MEAN GM	0.47
33 ML/KG	STD. DEV.	0.753
No CARBONATE BUFFER	SAMPLE SIZE	10
FV2 VEHICLE CONTROL	MEAN GM	0.26
33 ML/KG	STD. DEV.	0.450
PROTEIN (BSA) CONTROL	SAMPLE SIZE	10
F1 TEST GROUP	MEAN GM	0.11
49 MG/KG	STD. DEV.	0.995
CP4 EPSPS PROTEIN	SAMPLE SIZE	10
F2 TEST GROUP	MEAN GM	0.35
154 MG/KG	STD. DEV.	0.688
CP4 EPSPS PROTEIN	SAMPLE SIZE	10
F3 TEST GROUP	MEAN GM	0.12
572 MG/KG	STD. DEV.	0.760
CP4 EPSPS PROTEIN	SAMPLE SIZE	10

- - - L E G E N D - - -

* - DUNNETT'S TEST (TWO-TAILED) INDICATES STATISTICALLY SIGNIFICANT DIFFERENCE (P < 0.05)
** - DUNNETT'S TEST (TWO-TAILED) INDICATES STATISTICALLY SIGNIFICANT DIFFERENCE (P < 0.01)
NA - DUNNETT'S TEST NOT APPROPRIATE FOR THIS PERIOD

STUDY NUMBER: 92223
RTE OF ADMIN: ORAL (GAVAGE)
STUDY START DATE: 21-DEC-1992

SUMMARY OF CLINICAL SIGNS

REPORT PRINT DATE: 12-AUG-1993
SPECIES: MOUSE
STRAIN/BREED: CD-1

CATEGORY	OBSERVATION	GEN.	SEX	WINDOW	GROUP	NO. ANIMALS AFFECTED	NO. OF OCCURRENCES
DEATH	SCHEDULED SACRIFICE		M	D7-9	MV1	10	10
					MV2	10	10
					M1	10	10
					M2	10	10
					M3	10	10
			F	D7-9	FV1	10	10
					FV2	10	10
					F1	10	10
					F2	10	10
					F3	10	10

STUDY NUMBER: 92223 SUMMARY OF TERMINAL BODY AND ORGAN WEIGHT DATA (GM) REPORT PRINT DATE: 10-JUN-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ITEM OF INTEREST	GEN.	SEX	PERIOD	WINDOW	GROUP	MEAN	%CONTROL	STD.DEV.	N	STAT FLAGS
TERM. BODY WGT.		M	1	D8-9	MV1	24.1800		1.4297	10	(PA)
					MV2	24.4900	(101)	1.2252	10	
					M1	24.7000	(102)	1.0750	10	
					M2	24.0700	(100)	1.6573	10	
					M3	24.3100	(101)	1.1080	10	
		F	1	D8-9	FV1	21.9500		1.5006	10	(PA)
					FV2	21.1300	(96)	1.0166	10	
					F1	21.3200	(97)	1.1961	10	
					F2	21.3300	(97)	0.9417	10	
					F3	21.1300	(96)	1.4376	10	

STUDY NUMBER: 92223 SUMMARY OF TERMINAL BODY AND ORGAN WEIGHT DATA (GM) REPORT PRINT DATE: 10-JUN-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

EXPLANATION OF STATISTICAL FLAGS

GENERAL

Flag	Statistical Statement
NA	Statistics not done, insufficient or inappropriate data

NONCATEGORICAL DATA

Flag	Statistical Statement
Parametric (PA)	
L-	The response is linearly related to dose (p<=0.05) with a negative slope
L--	The response is linearly related to dose (p<=0.01) with a negative slope
L+	The response is linearly related to dose (p<=0.05) with a positive slope
L++	The response is linearly related to dose (p<=0.01) with a positive slope
*	Significantly different from control (p<=0.05; Dunnett's)
**	Significantly different from control (p<=0.01; Dunnett's)
Nonparametric (NP)	
L-	The response is linearly related to dose (p<=0.05) with a negative slope
L--	The response is linearly related to dose (p<=0.01) with a negative slope
L+	The response is linearly related to dose (p<=0.05) with a positive slope
L++	The response is linearly related to dose (p<=0.01) with a positive slope
*	Significantly different from control (p<=0.05; Mann-Whitney)
**	Significantly different from control (p<=0.01; Mann-Whitney)

CATEGORICAL DATA

Flag	Statistical Statement
C+	Significantly different from control (p<=0.05; uncorrected Chi square)
C++	Significantly different from control (p<=0.01; uncorrected Chi square)

STUDY NO: 92223 ***** MONSANTO ENVIRONMENTAL HEALTH LAB ***** PAGE: 1
P A T H O L O G Y S E C T I O N
STUDY TYPE: SC SPECIES: MOUSE SUBSTANCE: CP4 EPSPS PROTEIN PRINTED: 30-APR-93

** SUMMARY INCIDENCE OF INDIVIDUAL GROSS NECROPSY ALTERATIONS **
SELECTION CRITERIA: ALL DEATHS REPORTED

	MALE				
	MV1	MV2	M1	M2	M3
NO. IN GROUP AT RISK:	10	10	10	10	10
EYE(S)					
-CORNEAL OPACITY	0	0	0	0	0
KIDNEY(S)					
-CYST	0	0	0	0	0
PITUITARY					
-FOCUS, RED/PURPLE/BLACK	0	0	0	0	0
UTERUS					
-HYDROMETRA	0	0	0	0	0

STUDY NO: 92223 ***** MONSANTO ENVIRONMENTAL HEALTH LAB ***** PAGE: 1
P A T H O L O G Y S E C T I O N
STUDY TYPE: SC SPECIES: MOUSE SUBSTANCE: CP4 EPSPS PROTEIN PRINTED: 30-APR-93

** SUMMARY INCIDENCE OF INDIVIDUAL GROSS NECROPSY ALTERATIONS **
SELECTION CRITERIA: ALL DEATHS REPORTED

	---- F E M A L E ----				
	FV1	FV2	F1	F2	F3
NO. IN GROUP AT RISK:	10	10	10	10	10
EYE(S)					
-CORNEAL OPACITY	0	0	0	1	0
KIDNEY(S)					
-CYST	0	0	1	0	0
PITUITARY					
-FOCUS, RED/PURPLE/BLACK	1	0	0	0	0
UTERUS					
-HYDROMETRA	2	1	1	1	2

APPENDIX 2

INLIFE DATA

STUDY NUMBER: 92223 INDIVIDUAL BODY WEIGHT DATA (GM)
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : VEHICLE CONTROL SEX: MALE
SUBSTANCE : Na CARBONATE BUFFER
TARGET DOSE : 33.33 ML/KG

ANIMAL	DATE (1992): DAY OF STUDY:	PRE-TEST	27-DEC 7
92223MV1 001		28.6	29.8
92223MV1 002		27.7	30.0
92223MV1 003		26.2	26.7
92223MV1 004		29.3	32.1
92223MV1 005		28.0	30.2
92223MV1 006		25.2	26.7
92223MV1 007		29.5	30.3
92223MV1 008		29.8	30.6
92223MV1 009		27.0	27.5
92223MV1 010		29.0	29.0

Table 1 Appendix 2 PAGE 31 EHL 92223

STUDY NUMBER: 92223 INDIVIDUAL BODY WEIGHT DATA (GM)
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : VEHICLE CONTROL SEX: MALE
SUBSTANCE : PROTEIN (BSA) CONTROL
TARGET DOSE : 33.33 ML/KG

ANIMAL	DATE (1992): DAY OF STUDY:	PRE-TEST	27-DEC 7
92223MV2 001		29.6	30.9
92223MV2 002		27.6	29.9
92223MV2 003		29.2	30.8
92223MV2 004		29.7	31.2
92223MV2 005		27.1	27.5
92223MV2 006		28.4	29.5
92223MV2 007		28.9	31.3
92223MV2 008		25.6	28.6
92223MV2 009		28.0	29.9
92223MV2 010		26.6	29.7

STUDY NUMBER: 92223 INDIVIDUAL BODY WEIGHT DATA (GM)
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : CP4 EPSPS PROTEIN
TARGET DOSE : 49.00 MG/KG

ANIMAL	DATE (1992): DAY OF STUDY:	PRE-TEST	27-DEC 7
92223M1	001	29.8	30.9
92223M1	002	25.9	27.6
92223M1	003	28.8	31.0
92223M1	004	27.7	30.1
92223M1	005	28.2	30.7
92223M1	006	29.0	31.3
92223M1	007	27.1	29.2
92223M1	008	29.7	30.6
92223M1	009	27.9	30.6
92223M1	010	26.3	30.4

Table 1 Appendix 2 PAGE 33 EHL 92223

STUDY NUMBER: 92223 INDIVIDUAL BODY WEIGHT DATA (GM)
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : CP4 EPSPS PROTEIN
TARGET DOSE : 154.0 MG/KG

ANIMAL	DATE (1992): DAY OF STUDY:	PRE-TEST	27-DEC 7
92223M2	001	29.5	32.0
92223M2	002	28.0	30.2
92223M2	003	28.2	30.1
92223M2	004	27.1	28.6
92223M2	005	29.1	28.9
92223M2	006	26.1	27.7
92223M2	007	27.8	29.5
92223M2	008	28.7	32.2
92223M2	009	25.9	27.0
92223M2	010	29.7	29.3

STUDY NUMBER: 92223 INDIVIDUAL BODY WEIGHT DATA (GM)
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : CP4 EPSPS PROTEIN
TARGET DOSE : 572.0 MG/KG

ANIMAL	DATE (1992): DAY OF STUDY:	PRE-TEST	27-DEC 7
92223M3	001	29.8	30.4
92223M3	002	27.3	28.0
92223M3	003	27.2	29.1
92223M3	004	28.5	30.6
92223M3	005	29.6	29.9
92223M3	006	26.6	28.3
92223M3	007	28.0	29.6
92223M3	008	29.1	31.3
92223M3	009	28.7	30.6
92223M3	010	25.9	27.5

Table 1 Appendix 2

STUDY NUMBER: 92223 INDIVIDUAL BODY WEIGHT DATA (GM)
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : VEHICLE CONTROL SEX: FEMALE
SUBSTANCE : Na CARBONATE BUFFER
TARGET DOSE : 33.33 ML/KG

ANIMAL	DATE (1992): DAY OF STUDY:	PRE-TEST	27-DEC 7
92223FV1 001		25.2	25.4
92223FV1 002		25.7	26.5
92223FV1 003		23.6	24.4
92223FV1 004		24.1	23.4
92223FV1 005		27.2	28.3
92223FV1 006		24.5	23.7
92223FV1 007		23.3	23.3
92223FV1 008		23.9	24.9
92223FV1 009		25.8	27.0
92223FV1 010		24.3	25.4

STUDY NUMBER: 92223 INDIVIDUAL BODY WEIGHT DATA (GM)
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : VEHICLE CONTROL SEX: FEMALE
SUBSTANCE : PROTEIN (BSA) CONTROL
TARGET DOSE : 33.33 ML/KG

ANIMAL	DATE (1992): DAY OF STUDY:	PRE-TEST	27-DEC 7
92223FV2 001		24.9	25.7
92223FV2 002		26.8	26.3
92223FV2 003		24.1	24.3
92223FV2 004		23.4	23.8
92223FV2 005		26.2	26.1
92223FV2 006		25.5	25.3
92223FV2 007		24.3	24.9
92223FV2 008		23.7	24.3
92223FV2 009		25.3	25.3
92223FV2 010		23.3	24.1

STUDY NUMBER: 92223 INDIVIDUAL BODY WEIGHT DATA (GM)
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : CP4 EPSPS PROTEIN
TARGET DOSE : 49.00 MG/KG

ANIMAL		DATE (1992): DAY OF STUDY:	PRE-TEST	27-DEC 7
92223F1	001		24.1	24.8
92223F1	002		25.2	25.1
92223F1	003		22.7	22.2
92223F1	004		24.4	24.9
92223F1	005		25.7	23.5
92223F1	006		24.8	26.5
92223F1	007		25.7	25.9
92223F1	008		23.4	23.7
92223F1	009		23.7	23.8
92223F1	010		26.8	27.2

STUDY NUMBER: 92223
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE)

INDIVIDUAL BODY WEIGHT DATA (GM)

SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : TEST GROUP
SUBSTANCE : CP4 EPSPS PROTEIN
TARGET DOSE : 154.0 MG/KG

SEX: FEMALE

ANIMAL	DATE (1992): DAY OF STUDY:	PRE-TEST	27-DEC 7
92223F2	001	23.9	25.2
92223F2	002	26.4	27.0
92223F2	003	23.6	24.1
92223F2	004	24.4	25.8
92223F2	005	26.2	25.2
92223F2	006	23.2	23.6
92223F2	007	25.3	25.4
92223F2	008	25.1	25.0
92223F2	009	23.5	23.6
92223F2	010	24.4	24.6

STUDY NUMBER: 92223 INDIVIDUAL BODY WEIGHT DATA (GM)
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : CP4 EPSPS PROTEIN
TARGET DOSE : 572.0 MG/KG

ANIMAL	DATE (1992): DAY OF STUDY:	PRE-TEST	27-DEC 7
92223F3	001	27.2	27.7
92223F3	002	24.0	23.4
92223F3	003	22.9	23.2
92223F3	004	25.0	24.4
92223F3	005	25.4	26.2
92223F3	006	25.7	25.3
92223F3	007	23.5	23.4
92223F3	008	23.6	25.3
92223F3	009	24.2	23.5
92223F3	010	24.4	24.7

STUDY NUMBER: 92223
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : VEHICLE CONTROL SEX: MALE
SUBSTANCE : Na CARBONATE BUFFER
TARGET DOSE : 33.33 ML/KG

DATES FROM-TO: 21DEC-27DEC
DAY FROM-TO: 1-7

ANIMAL	GM	GM/DAY
92223MV1 001	32	5.3
92223MV1 002	34	5.7
92223MV1 003	30	4.9
92223MV1 004	36	6.1
92223MV1 005	35	5.9
92223MV1 006	28	4.7
92223MV1 007	33	5.4
92223MV1 008	35	5.9
92223MV1 009	29	4.8
92223MV1 010	30	5.0

STUDY NUMBER: 92223 INDIVIDUAL FOOD CONSUMPTION DATA
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : VEHICLE CONTROL SEX: MALE
SUBSTANCE : PROTEIN (BSA) CONTROL
TARGET DOSE : 33.33 ML/KG

DATES FROM-TO: 21DEC-27DEC
DAY FROM-TO: 1-7

ANIMAL	GM	GM/DAY
92223MV2 001	38	6.4
92223MV2 002	33	5.4
92223MV2 003	33	5.4
92223MV2 004	30	5.1
92223MV2 005	30	4.9
92223MV2 006	30	5.0
92223MV2 007	34	5.6
92223MV2 008	32	5.3
92223MV2 009	31	5.1
92223MV2 010	34	5.7

STUDY NUMBER: 92223 INDIVIDUAL FOOD CONSUMPTION DATA
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : CP4 EPSPS PROTEIN
TARGET DOSE : 49.00 MG/KG

DATES FROM-TO: 21DEC-27DEC
DAY FROM-TO: 1-7

ANIMAL		GM	GM/DAY
92223M1	001	33	5.5
92223M1	002	32	5.4
92223M1	003	36	5.9
92223M1	004	31	5.2
92223M1	005	33	5.4
92223M1	006	33	5.6
92223M1	007	32	5.3
92223M1	008	33	5.5
92223M1	009	34	5.6
92223M1	010	36	6.0

STUDY NUMBER: 92223
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : CP4 EPSPS PROTEIN
TARGET DOSE : 154.0 MG/KG

DATES FROM-TO: 21DEC-27DEC
DAY FROM-TO: 1-7

ANIMAL		GM	GM/DAY
92223M2	001	34	5.7
92223M2	002	36	6.0
92223M2	003	30	5.0
92223M2	004	32	5.3
92223M2	005	30	4.9
92223M2	006	32	5.4
92223M2	007	32	5.3
92223M2	008	36	6.0
92223M2	009	35	5.8
92223M2	010	32	5.4

STUDY NUMBER: 92223
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : TEST GROUP
SUBSTANCE : CP4 EPSPS PROTEIN
TARGET DOSE : 572.0 MG/KG

SEX: MALE

DATES FROM-TO: 21DEC-27DEC
DAY FROM-TO: 1-7

ANIMAL		GM	GM/DAY
92223M3	001	37	6.2
92223M3	002	31	5.1
92223M3	003	32	5.4
92223M3	004	32	5.3
92223M3	005	32	5.4
92223M3	006	32	5.4
92223M3	007	32	5.3
92223M3	008	33	5.5
92223M3	009	37	6.2
92223M3	010	31	5.1

STUDY NUMBER: 92223 INDIVIDUAL FOOD CONSUMPTION DATA
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : VEHICLE CONTROL SEX: FEMALE
SUBSTANCE : Na CARBONATE BUFFER
TARGET DOSE : 33.33 ML/KG

DATES FROM-TO: 21DEC-27DEC
DAY FROM-TO: 1-7

ANIMAL	GM	GM/DAY
92223FV1 001	31	5.2
92223FV1 002	34	5.6
92223FV1 003	31	5.1
92223FV1 004	26	4.3
92223FV1 005	32	5.4
92223FV1 006	29	4.8
92223FV1 007	37	6.2
92223FV1 008	36	5.9
92223FV1 009	45	7.6
92223FV1 010	32	5.3

STUDY NUMBER: 92223 INDIVIDUAL FOOD CONSUMPTION DATA
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : VEHICLE CONTROL SEX: FEMALE
SUBSTANCE : PROTEIN (BSA) CONTROL
TARGET DOSE : 33.33 ML/KG

DATES FROM-TO: 21DEC-27DEC
DAY FROM-TO: 1-7

ANIMAL	GM	GM/DAY
92223FV2 001	29	4.8
92223FV2 002	31	5.2
92223FV2 003	28	4.6
92223FV2 004	29	4.8
92223FV2 005	32	5.3
92223FV2 006	36	5.9
92223FV2 007	27	4.4
92223FV2 008	39	6.5
92223FV2 009	31	5.1
92223FV2 010	28	4.7

Table 2 Appendix 2

STUDY NUMBER: 92223
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : CP4 EPSPS PROTEIN
TARGET DOSE : 49.00 MG/KG

DATES FROM-TO: 21DEC-27DEC
DAY FROM-TO: 1-7

ANIMAL		GM	GM/DAY
92223F1	001	28	4.7
92223F1	002	33	5.6
92223F1	003	37	6.1
92223F1	004	34	5.6
92223F1	005	19	3.2
92223F1	006	36	5.9
92223F1	007	31	5.1
92223F1	008	33	5.5
92223F1	009	31	5.1
92223F1	010	35	5.8

STUDY NUMBER: 92223 INDIVIDUAL FOOD CONSUMPTION DATA
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : CP4 EPSPS PROTEIN
TARGET DOSE : 154.0 MG/KG

DATES FROM-TO: 21DEC-27DEC
DAY FROM-TO: 1-7

ANIMAL		GM	GM/DAY
92223F2	001	35	5.9
92223F2	002	33	5.5
92223F2	003	29	4.8
92223F2	004	32	5.3
92223F2	005	29	4.8
92223F2	006	33	5.6
92223F2	007	31	5.1
92223F2	008	37	6.1
92223F2	009	31	5.1
92223F2	010	27	4.5

Table 2 Appendix 2

STUDY NUMBER: 92223
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE)

INDIVIDUAL FOOD CONSUMPTION DATA

SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : TEST GROUP
SUBSTANCE : CP4 EPSPS PROTEIN
TARGET DOSE : 572.0 MG/KG

SEX: FEMALE

DATES FROM-TO: 21DEC-27DEC
DAY FROM-TO: 1-7

ANIMAL		GM	GM/DAY
92223F3	001	31	5.1
92223F3	002	30	5.0
92223F3	003	34	5.6
92223F3	004	27	4.6
92223F3	005	33	5.5
92223F3	006		
92223F3	007	29	4.8
92223F3	008	32	5.3
92223F3	009	33	5.5
92223F3	010	29	4.8

STUDY NUMBER: 92223
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE)

INDIVIDUAL CLINICAL SIGNS

SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : VEHICLE CONTROL SEX: MALE
SUBSTANCE : Na CARBONATE BUFFER
TARGET DOSE : 33.33 ML/KG

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL

** NO ABNORMAL CLINICAL SIGNS RECORDED **

STUDY NUMBER: 92223
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE)

INDIVIDUAL CLINICAL SIGNS

SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : VEHICLE CONTROL
SUBSTANCE : PROTEIN (BSA) CONTROL
TARGET DOSE : 33.33 ML/KG

SEX: MALE

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL

** NO ABNORMAL CLINICAL SIGNS RECORDED **

STUDY NUMBER: 92223
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE)

INDIVIDUAL CLINICAL SIGNS

SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : TEST GROUP
SUBSTANCE : CP4 EPSPS PROTEIN
TARGET DOSE : 49.00 MG/KG

SEX: MALE

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL

** NO ABNORMAL CLINICAL SIGNS RECORDED **

STUDY NUMBER: 92223
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE)

INDIVIDUAL CLINICAL SIGNS

SPECIES: MOUSE STRAIN/BREED: CD-1

STUDY START DATE: 21-DEC-92

GROUP : TEST GROUP
SUBSTANCE : CP4 EPSPS PROTEIN
TARGET DOSE : 154.0 MG/KG

SEX: MALE

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL

** NO ABNORMAL CLINICAL SIGNS RECORDED **

STUDY NUMBER: 92223
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE)

INDIVIDUAL CLINICAL SIGNS

SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : TEST GROUP
SUBSTANCE : CP4 EPSPS PROTEIN
TARGET DOSE : 572.0 MG/KG

SEX: MALE

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL

** NO ABNORMAL CLINICAL SIGNS RECORDED **

STUDY NUMBER: 92223
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE)

INDIVIDUAL CLINICAL SIGNS

SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : VEHICLE CONTROL
SUBSTANCE : Na CARBONATE BUFFER
TARGET DOSE : 33.33 ML/KG

SEX: FEMALE

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL

** NO ABNORMAL CLINICAL SIGNS RECORDED **

STUDY NUMBER: 92223
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE)

INDIVIDUAL CLINICAL SIGNS

SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : VEHICLE CONTROL
SUBSTANCE : PROTEIN (BSA) CONTROL
TARGET DOSE : 33.33 ML/KG

SEX: FEMALE

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL

** NO ABNORMAL CLINICAL SIGNS RECORDED **

STUDY NUMBER: 92223
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE)

INDIVIDUAL CLINICAL SIGNS

SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : TEST GROUP
SUBSTANCE : CP4 EPSPS PROTEIN
TARGET DOSE : 49.00 MG/KG

SEX: FEMALE

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL

** NO ABNORMAL CLINICAL SIGNS RECORDED **

STUDY NUMBER: 92223
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE)

INDIVIDUAL CLINICAL SIGNS

SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : TEST GROUP
SUBSTANCE : CP4 EPSPS PROTEIN
TARGET DOSE : 154.0 MG/KG

SEX: FEMALE

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL

** NO ABNORMAL CLINICAL SIGNS RECORDED **

STUDY NUMBER: 92223
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE)

INDIVIDUAL CLINICAL SIGNS

SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : TEST GROUP
SUBSTANCE : CP4 EPSPS PROTEIN
TARGET DOSE : 572.0 MG/KG

SEX: FEMALE

CATEGORY	OBSERVATION	DATE OF OBSERVATION	DAY OF STUDY	ANIMAL

** NO ABNORMAL CLINICAL SIGNS RECORDED **

THIS REPORT WAS GENERATED FROM DATA LOCKED THROUGH 29-DEC-92

STUDY NUMBER: 92223 ANIMAL TERMINATION HISTORY
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : VEHICLE CONTROL SEX: MALE
SUBSTANCE : Na CARBONATE BUFFER
TARGET DOSE : 33.33 ML/KG

ANIMAL	DATE OF DEATH	DAY OF STUDY	TYPE OF DEATH
92223MV1 001	28-DEC-92	8	SCHEDULED SACRIFICE
92223MV1 002	28-DEC-92	8	SCHEDULED SACRIFICE
92223MV1 003	28-DEC-92	8	SCHEDULED SACRIFICE
92223MV1 004	28-DEC-92	8	SCHEDULED SACRIFICE
92223MV1 005	28-DEC-92	8	SCHEDULED SACRIFICE
92223MV1 006	28-DEC-92	8	SCHEDULED SACRIFICE
92223MV1 007	28-DEC-92	8	SCHEDULED SACRIFICE
92223MV1 008	28-DEC-92	8	SCHEDULED SACRIFICE
92223MV1 009	28-DEC-92	8	SCHEDULED SACRIFICE
92223MV1 010	28-DEC-92	8	SCHEDULED SACRIFICE

STUDY NUMBER: 92223 ANIMAL TERMINATION HISTORY
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : VEHICLE CONTROL SEX: MALE
SUBSTANCE : PROTEIN (BSA) CONTROL
TARGET DOSE : 33.33 ML/KG

ANIMAL	DATE OF DEATH	DAY OF STUDY	TYPE OF DEATH
92223MV2 001	28-DEC-92	8	SCHEDULED SACRIFICE
92223MV2 002	28-DEC-92	8	SCHEDULED SACRIFICE
92223MV2 003	28-DEC-92	8	SCHEDULED SACRIFICE
92223MV2 004	28-DEC-92	8	SCHEDULED SACRIFICE
92223MV2 005	28-DEC-92	8	SCHEDULED SACRIFICE
92223MV2 006	28-DEC-92	8	SCHEDULED SACRIFICE
92223MV2 007	28-DEC-92	8	SCHEDULED SACRIFICE
92223MV2 008	28-DEC-92	8	SCHEDULED SACRIFICE
92223MV2 009	28-DEC-92	8	SCHEDULED SACRIFICE
92223MV2 010	28-DEC-92	8	SCHEDULED SACRIFICE

STUDY NUMBER: 92223
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE)

ANIMAL TERMINATION HISTORY

SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : TEST GROUP
SUBSTANCE : CP4 EPSPS PROTEIN
TARGET DOSE : 49.00 MG/KG

SEX: MALE

ANIMAL	DATE OF DEATH	DAY OF STUDY	TYPE OF DEATH
92223M1 001	28-DEC-92	8	SCHEDULED SACRIFICE
92223M1 002	28-DEC-92	8	SCHEDULED SACRIFICE
92223M1 003	28-DEC-92	8	SCHEDULED SACRIFICE
92223M1 004	28-DEC-92	8	SCHEDULED SACRIFICE
92223M1 005	28-DEC-92	8	SCHEDULED SACRIFICE
92223M1 006	28-DEC-92	8	SCHEDULED SACRIFICE
92223M1 007	28-DEC-92	8	SCHEDULED SACRIFICE
92223M1 008	28-DEC-92	8	SCHEDULED SACRIFICE
92223M1 009	28-DEC-92	8	SCHEDULED SACRIFICE
92223M1 010	28-DEC-92	8	SCHEDULED SACRIFICE

STUDY NUMBER: 92223
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE)

ANIMAL TERMINATION HISTORY

SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : TEST GROUP
SUBSTANCE : CP4 EPSPS PROTEIN
TARGET DOSE : 154.0 MG/KG

SEX: MALE

ANIMAL	DATE OF DEATH	DAY OF STUDY	TYPE OF DEATH
92223M2 001	28-DEC-92	8	SCHEDULED SACRIFICE
92223M2 002	28-DEC-92	8	SCHEDULED SACRIFICE
92223M2 003	28-DEC-92	8	SCHEDULED SACRIFICE
92223M2 004	28-DEC-92	8	SCHEDULED SACRIFICE
92223M2 005	28-DEC-92	8	SCHEDULED SACRIFICE
92223M2 006	28-DEC-92	8	SCHEDULED SACRIFICE
92223M2 007	28-DEC-92	8	SCHEDULED SACRIFICE
92223M2 008	28-DEC-92	8	SCHEDULED SACRIFICE
92223M2 009	28-DEC-92	8	SCHEDULED SACRIFICE
92223M2 010	28-DEC-92	8	SCHEDULED SACRIFICE

STUDY NUMBER: 92223 ANIMAL TERMINATION HISTORY
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : TEST GROUP SEX: MALE
SUBSTANCE : CP4 EPSPS PROTEIN
TARGET DOSE : 572.0 MG/KG

ANIMAL	DATE OF DEATH	DAY OF STUDY	TYPE OF DEATH
92223M3 001	28-DEC-92	8	SCHEDULED SACRIFICE
92223M3 002	28-DEC-92	8	SCHEDULED SACRIFICE
92223M3 003	28-DEC-92	8	SCHEDULED SACRIFICE
92223M3 004	28-DEC-92	8	SCHEDULED SACRIFICE
92223M3 005	28-DEC-92	8	SCHEDULED SACRIFICE
92223M3 006	28-DEC-92	8	SCHEDULED SACRIFICE
92223M3 007	28-DEC-92	8	SCHEDULED SACRIFICE
92223M3 008	28-DEC-92	8	SCHEDULED SACRIFICE
92223M3 009	28-DEC-92	8	SCHEDULED SACRIFICE
92223M3 010	28-DEC-92	8	SCHEDULED SACRIFICE

STUDY NUMBER: 92223 ANIMAL TERMINATION HISTORY
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : VEHICLE CONTROL SEX: FEMALE
SUBSTANCE : Na CARBONATE BUFFER
TARGET DOSE : 33.33 ML/KG

ANIMAL	DATE OF DEATH	DAY OF STUDY	TYPE OF DEATH
92223FV1 001	29-DEC-92	9	SCHEDULED SACRIFICE
92223FV1 002	29-DEC-92	9	SCHEDULED SACRIFICE
92223FV1 003	29-DEC-92	9	SCHEDULED SACRIFICE
92223FV1 004	29-DEC-92	9	SCHEDULED SACRIFICE
92223FV1 005	29-DEC-92	9	SCHEDULED SACRIFICE
92223FV1 006	29-DEC-92	9	SCHEDULED SACRIFICE
92223FV1 007	29-DEC-92	9	SCHEDULED SACRIFICE
92223FV1 008	29-DEC-92	9	SCHEDULED SACRIFICE
92223FV1 009	29-DEC-92	9	SCHEDULED SACRIFICE
92223FV1 010	29-DEC-92	9	SCHEDULED SACRIFICE

STUDY NUMBER: 92223 ANIMAL TERMINATION HISTORY
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : VEHICLE CONTROL SEX: FEMALE
SUBSTANCE : PROTEIN (BSA) CONTROL
TARGET DOSE : 33.33 ML/KG

ANIMAL	DATE OF DEATH	DAY OF STUDY	TYPE OF DEATH
92223FV2 001	29-DEC-92	9	SCHEDULED SACRIFICE
92223FV2 002	29-DEC-92	9	SCHEDULED SACRIFICE
92223FV2 003	29-DEC-92	9	SCHEDULED SACRIFICE
92223FV2 004	29-DEC-92	9	SCHEDULED SACRIFICE
92223FV2 005	29-DEC-92	9	SCHEDULED SACRIFICE
92223FV2 006	29-DEC-92	9	SCHEDULED SACRIFICE
92223FV2 007	29-DEC-92	9	SCHEDULED SACRIFICE
92223FV2 008	29-DEC-92	9	SCHEDULED SACRIFICE
92223FV2 009	29-DEC-92	9	SCHEDULED SACRIFICE
92223FV2 010	29-DEC-92	9	SCHEDULED SACRIFICE

STUDY NUMBER: 92223 ANIMAL TERMINATION HISTORY
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : CP4 EPSPS PROTEIN
TARGET DOSE : 49.00 MG/KG

ANIMAL	DATE OF DEATH	DAY OF STUDY	TYPE OF DEATH
92223F1 001	29-DEC-92	9	SCHEDULED SACRIFICE
92223F1 002	29-DEC-92	9	SCHEDULED SACRIFICE
92223F1 003	29-DEC-92	9	SCHEDULED SACRIFICE
92223F1 004	29-DEC-92	9	SCHEDULED SACRIFICE
92223F1 005	29-DEC-92	9	SCHEDULED SACRIFICE
92223F1 006	29-DEC-92	9	SCHEDULED SACRIFICE
92223F1 007	29-DEC-92	9	SCHEDULED SACRIFICE
92223F1 008	29-DEC-92	9	SCHEDULED SACRIFICE
92223F1 009	29-DEC-92	9	SCHEDULED SACRIFICE
92223F1 010	29-DEC-92	9	SCHEDULED SACRIFICE

STUDY NUMBER: 92223 ANIMAL TERMINATION HISTORY
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : CP4 EPSPS PROTEIN
TARGET DOSE : 154.0 MG/KG

ANIMAL	DATE OF DEATH	DAY OF STUDY	TYPE OF DEATH
92223F2 001	29-DEC-92	9	SCHEDULED SACRIFICE
92223F2 002	29-DEC-92	9	SCHEDULED SACRIFICE
92223F2 003	29-DEC-92	9	SCHEDULED SACRIFICE
92223F2 004	29-DEC-92	9	SCHEDULED SACRIFICE
92223F2 005	29-DEC-92	9	SCHEDULED SACRIFICE
92223F2 006	29-DEC-92	9	SCHEDULED SACRIFICE
92223F2 007	29-DEC-92	9	SCHEDULED SACRIFICE
92223F2 008	29-DEC-92	9	SCHEDULED SACRIFICE
92223F2 009	29-DEC-92	9	SCHEDULED SACRIFICE
92223F2 010	29-DEC-92	9	SCHEDULED SACRIFICE

STUDY NUMBER: 92223 ANIMAL TERMINATION HISTORY
DMEH NUMBER: ML92542
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE STRAIN/BREED: CD-1 STUDY START DATE: 21-DEC-92

GROUP : TEST GROUP SEX: FEMALE
SUBSTANCE : CP4 EPSPS PROTEIN
TARGET DOSE : 572.0 MG/KG

ANIMAL	DATE OF DEATH	DAY OF STUDY	TYPE OF DEATH
92223F3 001	29-DEC-92	9	SCHEDULED SACRIFICE
92223F3 002	29-DEC-92	9	SCHEDULED SACRIFICE
92223F3 003	29-DEC-92	9	SCHEDULED SACRIFICE
92223F3 004	29-DEC-92	9	SCHEDULED SACRIFICE
92223F3 005	29-DEC-92	9	SCHEDULED SACRIFICE
92223F3 006	29-DEC-92	9	SCHEDULED SACRIFICE
92223F3 007	29-DEC-92	9	SCHEDULED SACRIFICE
92223F3 008	29-DEC-92	9	SCHEDULED SACRIFICE
92223F3 009	29-DEC-92	9	SCHEDULED SACRIFICE
92223F3 010	29-DEC-92	9	SCHEDULED SACRIFICE

APPENDIX 3

INDIVIDUAL GROSS NECROPSY DATA

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223MV1 001 SEX: MALE PROSECTOR : (BASCHW)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 24.0

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223MV1 002 SEX: MALE PROSECTOR : (RPGRUE)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 25.3

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223MV1 003 SEX: MALE PROSECTOR : (ESGOLI)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 22.4

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223MV1 004 SEX: MALE PROSECTOR : (MJBOYD)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 26.1

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223MV1 005 SEX: MALE PROSECTOR : (BASCHW)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 24.9

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223MV1 006 SEX: MALE PROSECTOR : (ESGOLI)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 21.8

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223MV1 007 SEX: MALE PROSECTOR : (RPGRUE)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 25.0

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223MV1 008 SEX: MALE PROSECTOR : (MJBOYD)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 25.4

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223MV1 009 SEX: MALE PROSECTOR : (ESGOLI)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 22.8

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223MV1 010 SEX: MALE PROSECTOR : (BASCHW)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 24.1

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223MV2 001 SEX: MALE PROSECTOR : (BASCHW)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 25.6

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223MY2 002 SEX: MALE PROSECTOR : (MJBOYD)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 24.4

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223MY2 003 SEX: MALE PROSECTOR : (RPGRUE)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 25.0

=== G R O S S O B S E R V A T I O N S ===

PITUITARY
NOTE: LOST AT NECROPSY.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223MV2 004 SEX: MALE PROSECTOR : (ESGOLI)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 25.2

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223MY2 005 SEX: MALE PROSECTOR : (BASCHW)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 21.8

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223MV2 006 SEX: MALE PROSECTOR : (MJBOYD)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 23.7

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223MV2 007 SEX: MALE PROSECTOR : (ESGOLI)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 26.0

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223MV2 008 SEX: MALE PROSECTOR : (BASCHW)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 23.5

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223MY2 009 SEX: MALE PROSECTOR : (RPGRUE)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 24.6

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223MV2 010 SEX: MALE PROSECTOR : (MJBOYD)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 25.1

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223M1 001 SEX: MALE PROSECTOR : (ESGOLI)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 25.5

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223M1 002 SEX: MALE PROSECTOR : (BASCHW)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 22.3

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223M1 003 SEX: MALE PROSECTOR : (ESGOLI)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 25.9

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223M1 004 SEX: MALE PROSECTOR : (MJBOYD)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 25.1

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223M1 005 SEX: MALE PROSECTOR : (RPGRUE)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 25.1

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223M1 006 SEX: MALE PROSECTOR : (BASCHW)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 25.7

=== 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.

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STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223M1 007 SEX: MALE PROSECTOR : (ESGOLI)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 23.7

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223M1 008 SEX: MALE PROSECTOR : (MJBOYD)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 24.9

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223M1 009 SEX: MALE PROSECTOR : (BASCHW)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 24.3

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223M1 010 SEX: MALE PROSECTOR : (ESGOLI)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 24.5

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223M2 001 SEX: MALE PROSECTOR : (RPGRUE)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 26.3

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223M2 002 SEX: MALE PROSECTOR : (MJBOYD)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 24.2

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223M2 003 SEX: MALE PROSECTOR : (BASCHW)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 24.5

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223M2 004 SEX: MALE PROSECTOR : (ESGOLI)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 23.0

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223M2 005 SEX: MALE PROSECTOR : (MJBOYD)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 23.2

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223M2 006 SEX: MALE PROSECTOR : (RPGRUE)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 22.9

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223M2 007 SEX: MALE PROSECTOR : (ESGOLI)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 24.3

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223M2 008 SEX: MALE PROSECTOR : (BASCHW)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 27.2

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223M2 009 SEX: MALE PROSECTOR : (MJBOYD)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 21.6

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223M2 010 SEX: MALE PROSECTOR : (ESGOLI)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 23.5

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223M3 001 SEX: MALE PROSECTOR : (RPGRUE)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 24.6

=== G R O S S O B S E R V A T I O N S ===

PITUITARY
NOTE: IN CASSETTE WITH ADRENALS.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223M3 002 SEX: MALE PROSECTOR : (MJBOYD)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 22.6

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223M3 003 SEX: MALE PROSECTOR : (BASCHW)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT -- 24.6

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223M3 004 SEX: MALE PROSECTOR : (ESGOLI)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 25.6

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223M3 005 SEX: MALE PROSECTOR : (MJBOYD)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 24.4

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223M3 D06 SEX: MALE PROSECTOR : (BASCHW)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 23.1

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223M3 007 SEX: MALE PROSECTOR : (ESGOLI)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 24.3

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223M3 008 SEX: MALE PROSECTOR : (RPGRUE)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 25.5

=== G R O S S O B S E R V A T I O N S ===

PITUITARY
NOTE: IN CASSETTE WITH ADRENALS.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223M3 009 SEX: MALE PROSECTOR : (MJBOYD)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 25.5

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223M3 010 SEX: MALE PROSECTOR : (BASCHW)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 28-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 22.9

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223FV1 001 SEX: FEMALE PROSECTOR : (BASCHW)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 21.5

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223FV1 002 SEX: FEMALE PROSECTOR : (ESGOLI)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 22.6

=== G R O S S O B S E R V A T I O N S ===

PITUITARY
FOCUS, RED/PURPLE/BLACK -- POSTERIOR LOBE, 0.2 X 0.1 CM,
SEMI-CIRCLE, DISCRETE, BLACK FOCUS.

UTERUS
HYDROMETRA -- BILATERAL, MILD.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223FY1 003 SEX: FEMALE PROSECTOR : (BASCHW)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT -- 20.6

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223FV1 004 SEX: FEMALE PROSECTOR : (MJBOYD)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 21.0

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223FV1 005 SEX: FEMALE PROSECTOR : (KMSHEV)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 24.9

=== G R O S S O B S E R V A T I O N S ===

UTERUS
HYDROMETRA -- BILATERAL, MILD.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223FV1 006 SEX: FEMALE PROSECTOR : (ESGOLI)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 20.1

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223FV1 007 SEX: FEMALE PROSECTOR : (BASCHW)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 20.9

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223FV1 008 SEX: FEMALE PROSECTOR : (MJBOYD)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 21.7

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223FV1 009 SEX: FEMALE PROSECTOR : (KMSHEV)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT -- 23.8

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223FV1 010 SEX: FEMALE PROSECTOR : (BASCHW)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 22.4

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223FV2 001 SEX: FEMALE PROSECTOR : (MJBOYD)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 20.6

=== G R O S S O B S E R V A T I O N S ===

OVARY(IES)
NOTE: RIGHT OVARY IN CASSETTE WITH ADRENALS.

URINARY BLADDER
NOTE: IN CASSETTE WITH ADRENALS.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223FV2 002 SEX: FEMALE PROSECTOR : (KMSHEV)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 22.1

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223FV2 003 SEX: FEMALE PROSECTOR : (ESGOLI)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 19.6

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223FV2 004 SEX: FEMALE PROSECTOR : (BASCHW)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 20.5

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223FV2 005 SEX: FEMALE PROSECTOR : (MJBOYD)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 21.6

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223FV2 008 SEX: FEMALE PROSECTOR : (ESGOLI)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 23.2

=== G R O S S O B S E R V A T I O N S ===

UTERUS
HYDROMETRA -- BILATERAL, MILD.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223FV2 007 SEX: FEMALE PROSECTOR : (KMSHEV)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 20.5

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223FV2 008 SEX: FEMALE PROSECTOR : (BASCHW)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 20.8

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223FV2 009 SEX: FEMALE PROSECTOR : (MJBOYD)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT -- 21.6

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223FV2 010 SEX: FEMALE PROSECTOR : (ESGOLI)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 20.8

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223F1 001 SEX: FEMALE PROSECTOR : (KMSHEV)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 21.7

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223F1 002 SEX: FEMALE PROSECTOR : (BASCHW)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 22.4

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223F1 003 SEX: FEMALE PROSECTOR : (MJBOYD)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 18.9

=== G R O S S O B S E R V A T I O N S ===

SP.CORD,LUMBAR
NOTE: LOST AT NECROPSY.

SP.CORD,THORACIC
NOTE: LOST AT NECROPSY.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223F1 004 SEX: FEMALE PROSECTOR : (ESGOLI)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 21.7

=== G R O S S O B S E R V A T I O N S ===

UTERUS
HYDROMETRA -- BILATERAL, MILD.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223F1 005 SEX: FEMALE PROSECTOR : (KMSHEV)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 19.8

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223F1 008 SEX: FEMALE PROSECTOR : (BASCHW)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 22.4

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223F1 007 SEX: FEMALE PROSECTOR : (MJBOYD)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 21.5

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223F1 008 SEX: FEMALE PROSECTOR : (ESGOLI)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 21.0

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223F1 009 SEX: FEMALE PROSECTOR : (KMSHEV)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 21.1

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223F1 010 SEX: FEMALE PROSECTOR : (BASCHW)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 22.7

=== G R O S S O B S E R V A T I O N S ===

KIDNEY(S)
CYST -- LEFT, CORTEX, 0.1 CM, CLEAR CYST.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223F2 001 SEX: FEMALE PROSECTOR : (ESGOLI)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 20.8

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223F2 002 SEX: FEMALE PROSECTOR : (MJBOYD)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 22.9

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223F2 003 SEX: FEMALE PROSECTOR : (KMSHEV)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (JQNAPI)

=== 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 -- 20.6

=== G R O S S O B S E R V A T I O N S ===

EYE(S)
CORNEAL OPACITY -- RIGHT.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223F2 004 SEX: FEMALE PROSECTOR : (BASCHW)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 22.7

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223F2 005 SEX: FEMALE PROSECTOR : (ESGOLI)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 21.2

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223F2 008 SEX: FEMALE PROSECTOR : (MJBOYD)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 20.0

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223F2 007 SEX: FEMALE PROSECTOR : (BASCHW)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 21.4

=== G R O S S O B S E R V A T I O N S ===

UTERUS
HYDROMETRA -- BILATERAL, MILD.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223F2 008 SEX: FEMALE PROSECTOR : (ESGOLI)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 22.0

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223F2 009 SEX: FEMALE PROSECTOR : (MJBOYD)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 21.1

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223F2 010 SEX: FEMALE PROSECTOR : (BASCHW)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 20.6

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223F3 001 SEX: FEMALE PROSECTOR : (KMSHEY)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 24.0

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223F3 002 SEX: FEMALE PROSECTOR : (MJBOYD)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (JGNAPI)

=== ORGAN WEIGHTS (GM) and % BODY WEIGHT ===

TERMINAL BODY WEIGHT -- 20.5

=== GROSS OBSERVATIONS ===

NO GROSS ABNORMALITIES.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223F3 003 SEX: FEMALE PROSECTOR : (ESGOLI)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 19.6

=== G R O S S O B S E R V A T I O N S ===

UTERUS
HYDROMETRA -- BILATERAL, MILD.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223F3 004 SEX: FEMALE PROSECTOR : (BASCHW)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 20.3

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223F3 005 SEX: FEMALE PROSECTOR : (KMSHEV)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 22.3

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223F3 008 SEX: FEMALE PROSECTOR : (ESGOLI)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 20.9

=== G R O S S O B S E R V A T I O N S ===

UTERUS
HYDROMETRA -- BILATERAL, MILD.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223F3 007 SEX: FEMALE PROSECTOR : (MJBOYD)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 20.3

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223F3 008 SEX: FEMALE PROSECTOR : (BASCHW)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 22.4

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223F3 009 SEX: FEMALE PROSECTOR : (KMSHEV)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 19.4

=== 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.

STUDY NUMBER: 92223 INDIVIDUAL GROSS AND HISTOPATHOLOGY DATA REPORT PRINT DATE: 30-APR-1993
RTE OF ADMIN: ORAL (GAVAGE) SPECIES: MOUSE
STUDY START DATE: 21-DEC-1992 STRAIN/BREED: CD-1

ANIMAL NO: 92223F3 010 SEX: FEMALE PROSECTOR : (ESGOLI)
ANIMAL STATUS CODE: S HOURS POST MORTEM = 0 DATE OF NECROPSY: 29-DEC-92 ORGAN WTS. BY: ( )
PATHOLOGIST : (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 -- 21.8

=== 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.