

SD1 Appendix 1: Labelled composition of infant formula available on the retail market in Australia and New Zealand

Introduction

The purpose of the survey was to obtain a snapshot of the average nutrient composition of infant formula available on the Australian and New Zealand retail market. This information would provide us with an initial indication of any potential impacts to infant formula companies if the regulation were to change that may require reformulation to products.

Information on the composition of infant formula available to consumers was collated from the nutrition information statements and ingredient lists on product labels. The collated information was used to consider the potential impact on current formulations of infant formula if composition requirements specified in Standard 2.9.1, were aligned with Codex STAN 72-1981.

The information was collected in late 2013-early 2014 from a small range of products available to us on the retail market at the time, thus there are limitations of this information. Therefore, the reported micronutrient contents (as labelled) of the products are indicative only, but provide a 'snapshot' of the potential implications to infant formula companies of any changes to the current composition.

Methods

Sampling

We purchased a convenience sample of a variety of infant formula available from grocery stores, chemists and online in Canberra, Australia and Wellington, New Zealand between October 2013 and February 2014. We attempted to obtain an assortment of products from the most common brands, as well as some products of less common brands (based on market share data). For two products, information was obtained from the infant formula companies' website as we were unable to purchase a sample.

Only infant formula labelled as "from birth", "up to 12 months" or "birth to 6 months" (also known as stage 1 products) were included. Follow-on formula (from 6 months or stage 2) were excluded.

Data collation and conversion

Information from the nutrition information statement¹ (table) on product labels was compiled for each product in a spreadsheet. Some information from the ingredient list was also compiled where we were interested in permitted forms and other labelling information. Data was then aggregated to look at nutrient ranges.

A total of 24 Australian and 12 New Zealand infant formula were reviewed, including 20 products labelled for infants aged 0–6 months and 16 products labelled from birth to 12 months of age.

All data entered into the spreadsheet was carefully checked. Where information in the nutrition information statement was declared in their relevant units per 100mL, these were

¹ As defined in Standard 2.9.1

converted to a per 100 kJ amount to enable comparison with standardised units (as per Standard 2.9.1 and Codex STAN 72-1981).

The focus here is on the mandatory composition elements. Thus only the substances that are currently listed as optional on in Standard 2.9.1 and mandatory in Codex STAN 72-1981 are reported here.

Key Findings

Tables 1–4 provide a summary of the aggregated labelled range for each nutrient in the sample of New Zealand and Australian products. In summary:

- For all but one product all 30 nutrient amounts declared on the label were within the minimum and maximum ranges of both Codex STAN 72-1981 and Standard 2.9.1.
- For niacin, vitamin D, iron and copper: products were labelled at the current Standard 2.9.1 minimum, however each of these has a lower minimum in Codex STAN 72-1981.
- Thiamin was the only nutrient that had a labelled value higher than the guideline upper level in Standard 2.9.1. However Codex STAN 72-1981 has a higher guideline upper level.
- For the substances that are currently optional in Standard 2.9.1 and mandatory in Codex STAN 72-1981:
 - 36 of the 36 products reviewed contained choline
 - 31 of the 36 products reviewed contained L-carnitine
 - 30 of the 36 products reviewed contained inositol

Table 5 provides the detail on the (de-identified) labelled nutrient composition for all products purchased in New Zealand (n=12). Tables 6 and 7 provide further detail on the (de-identified) labelled nutrient composition for all products purchased in Australia (n=24).

Table 1: Range of labelled composition of infant formula: macronutrients

	New Zealand (n=12)	Australia (n=24)	Std 2.9.1	Codex STAN 72-1981
Protein (g/100 kJ)	0.46 - 0.63	0.46 - 0.63	0.45 – 0.7	0.45 – 0.7
Carbohydrate (g/100 kJ)	2.41 - 2.78	2.41 - 2.78	Not specified	2.2 – 3.3
Fat (g/100 kJ)	1.20 - 1.33	1.20 - 1.33	1.05 – 1.5	1.05 – 1.4

Table 2: Range of labelled composition of infant formula: vitamins

Nutrient	Unit	New Zealand (n=12)	Australia (n=24)	Std 2.9.1	Codex STAN 72-1981
Vitamin A	µg/100 kJ	18.64 - 31.30	18.52 - 33.08	14 - 43	14 - 43
Vitamin C	mg/100 kJ	1.83 - 6.81	1.83 - 6.80	1.7 - 5.4*	2.5 – 17*
Vitamin D	µg/100 kJ	0.26 - 0.43	0.25 - 0.45	0.25 - 0.63	0.25 - 0.6
Niacin	µg/100 kJ	130.1 - 255.4	155.8 - 272.7	130 – 480*	70 – 360*
Thiamin	µg/100 kJ	15.47 - 35.71	15.25 - 62.02	10 – 48*	14-72*
Riboflavin	µg/100 kJ	24.01 - 58.01	26.60 - 71.68	14 – 86*	19 – 119*
Pantothenic acid	µg/100 kJ	85.25 - 223.1	84.04 - 227.3	70 – 360*	96 – 478*
Vitamin B6	µg/100 kJ	12.55 - 19.71	13.12 - 30.66	9 - 36	8.5 – 45*
Vitamin B12	µg/100 kJ	0.05 - 0.11	0.04 - 0.16	0.025 – 0.17*	0.025 - 0.36*
Vitamin E	mg/100 kJ	0.26 - 0.58	0.26 - 0.57	0.11 - 1.1	0.12 - 1.2*

Nutrient	Unit	New Zealand (n=12)	Australia (n=24)	Std 2.9.1	Codex STAN 72-1981
Vitamin K	µg/100 kJ	1.22 - 2.43	1.21 - 2.93	1 – 5*	1 - 6.5*
Folate	µg/100 kJ	3.14 – 4.32	2.78 - 5.56	2 – 8*	2.5 – 12*^
Biotin	µg/100 kJ	0.50 - 1.08	0.50 – 1.29	0.36 – 2.7*	0.4 – 2.4*

*Indicates a guideline upper level rather than a maximum amount

^ set as folic acid not folate

Table 3: Range of labelled composition of infant formula: minerals and electrolytes

Nutrient	Unit	New Zealand (n=12)	Australia (n=24)	Std 2.9.1	Codex STAN 72-1981
Calcium	mg/100 kJ	16.07 -23.57	15.38 - 23.57	12 – 33*	12- 35*
Copper	µg/100 kJ	14.01 - 20.64	14.81 - 20.64	14 - 43	8.5 – 29*
Iodine	µg/100 kJ	2.96 - 5.36	2.10 - 5.92	1.2 - 10	2.5 - 14
Iron	mg/100 kJ	0.20 - 0.32	0.20 - 0.32	0.20 - 0.50	0.10 – Not specified
Magnesium	mg/100 kJ	1.65 - 2.42	1.79 - 2.52	1.2 - 4	1.2 - 3.6*
Manganese	µg/100 kJ	1.78 - 15.41	1.53 - 18.71	0.24 - 24	0.25 – 24*
Phosphorus	mg/100 kJ	9.18 - 15.36	8.57 - 16.22	6 – 25*	6 - 24
Potassium	mg/100 kJ	20.79 - 27.05	22.66 - 31.65	20 - 50	14 - 43
Selenium	µg/100 kJ	0.43 - 0.96	0.29 - 0.90	0.25 - 1.19	0.24 - 2.2*
Sodium	mg/100 kJ	5.71 - 11.47	5.71 - 9.61	5 - 15	5 - 14
Zinc	mg/100 kJ	0.14 - 0.25	0.14 - 0.25	0.12 - 0.43	0.12 - 0.36*
Chloride	mg/100 kJ	14.39 - 25	15.30 - 25	12 - 35	12 - 38

*Indicates a guideline upper level rather than a maximum amount

Table 4: Range of labelled composition of infant formula: optional substances

Substance	Australia	New Zealand	Std 2.9.1	Codex STAN 72-1981
Choline mg/100 kJ	2.38 - 5.99 n=24	2.38 - 5.10 n=12	1.7 - 7.1	1.7 – 12*
Inositol mg/100 kJ	1.19 - 4.50 n=20	1.17 - 4.50 n=10	1 - 9.5	1 - 9.5*
L-Carnitine mg/100 kJ	0.32 - 0.72 n=20	0.32 - 0.71 n=11	0.21 - 0.8	0.3 – not specified

*Indicates a guideline upper level rather than a maximum amount

We note the limitations of using information from the nutrition information statement on product labels rather than analytical data. Standard 2.9.1 requires a statement of the ‘average amount’ of each macronutrient, micronutrients and other substances that may be present. As the term ‘average amount’ is not clearly defined, it is unclear how infant formula companies determine the ‘average amount’ for the shelf life of the product.

However, the information collected has provided us with a useful indication of the average composition across a range of products on the market (at a point in time). We are aware that the current actual nutrient composition of products on the market may vary from the data collected. Therefore, we are seeking further information from infant formula companies prior to any decisions on changes to compositional requirements for infant formula through Proposal P1028.

Table 5: Labelled composition of individual infant formula purchased in New Zealand n=12

Nutrient	NZ A	NZ B	NZ C	NZ D	NZ E	NZ F	NZ G	NZ H	NZ I	NZ J	NZ K	NZ L
Macronutrients and fatty acids												
Protein g/100 kJ	0.46	0.53	0.50	0.54	0.46	0.48	0.46	0.49	0.50	0.54	0.56	0.55
Fat (total) g/100 kJ	1.29	1.28	1.33	1.33	1.21	1.22	1.25	1.20	1.24	1.25	1.21	1.23
Omega 3 mg/100 kJ	-	-	-	-	-	-	-	-	-	25.44		-
DHA mg/100 kJ	2.54		3.06		2.78	3.74			4.96	3.84	2.37	1.94
ALA mg/100 kJ	15.00	14.95	24.46	24.46			21.07	20.07		21.51	19.35	22.30
Omega 6 mg/100 kJ	-	-	-	-	-	-	-	-	-	210		-
AA mg/100 kJ	4.29		4.82	0.00	2.78	3.74			4.96	3.76	2.37	3.89
LA mg/100 kJ	185.71	206.41	240.29	240.29			139.29	194.01		206.09	193.55	225.00
CHO g/100 kJ	2.41	2.55	2.56	2.61	2.65	2.68	2.69	2.70	2.72	2.78	2.78	2.65
Vitamins												
Vitamin A µg/100 kJ	18.64	19.72	20.41	20.57	23.84	24.56	24.64	24.73	25.36	31.29	31.29	22.40
Beta-carotene µg/100 kJ	0.89	0.89		0.00								5.00
Thiamin µg/100 kJ	15.47	15.47	17.01	17.56	17.96	18.44	22.50	23.13	26.88	35.59	35.71	24.30
Riboflavin µg/100 kJ	24.01	26.98	26.98	34.01	36.62	38.65	39.29	44.64	48.39	53.38	58.01	32.80
Vitamin B6 µg/100 kJ	12.54	13.21	13.31	13.31	13.61	15.14	15.60	16.73	19.57	19.64	19.71	17.20
Vitamin C mg/100 kJ	1.83	2.55	2.55	2.94	3.20	3.20	3.21	3.40	3.57	5.81	6.81	6.05
Vitamin B12 µg/100 kJ	0.06	0.07	0.05	0.05	0.05	0.08	0.06	0.09	0.10	0.11	0.05	0.11
Vitamin D µg/100 kJ	0.26	0.27	0.30	0.31	0.32	0.32	0.36	0.36	0.36	0.36	0.43	0.41
Vitamin E mg/100 kJ	0.26	0.26	0.36	0.36	0.37	0.39	0.39	0.40	0.40	0.42	0.57	0.33
Vitamin K µg/100 kJ	1.22	1.22	1.47	1.63	1.76	1.81	2.06	2.22	2.38	2.39	2.43	2.00
Biotin µg/100 kJ	0.50	0.50	0.50	0.61	0.71	0.71	0.85	0.85	0.86	0.92	1.08	1.25
Folate µg/100 kJ	3.14	3.40	3.52	3.55	3.90	3.91	3.91	3.93	4.30	4.32	4.32	5.69
Niacin µg/100 kJ	130.11	153.06	158.45	163.12	176.34	177.94	178.57	249.11	250.00	255.40	255.40	157.00
Pantothenic acid µg/100 kJ	85.25	85.25	106.76	123.24	125.00	125.00	127.66	135.13	136.05	167.38	223.13	186.00

Nutrient	NZ A	NZ B	NZ C	NZ D	NZ E	NZ F	NZ G	NZ H	NZ I	NZ J	NZ K	NZ L
Minerals												
Calcium mg/100 kJ	16.07	16.19	16.19	16.37	16.85	17.44	17.61	17.69	17.73	18.28	23.57	22.70
Chloride mg/100 kJ	15.30	15.36	16.19	16.19	16.49	16.49	16.67	17.02	17.25	17.79	25.00	
Copper µg/100 kJ	14.01	16.43	16.43	16.67	16.67	16.90	16.91	16.91	18.28	19.93	20.64	17.00
Iodine µg/100 kJ	2.96	3.24	3.37	3.66	4.32	4.32	4.42	4.58	4.61	5.34	5.36	5.39
Iron mg/100 kJ	0.20	0.24	0.25	0.26	0.27	0.27	0.28	0.29	0.29	0.32	0.32	0.23
Magnesium mg/100 kJ	1.65	1.79	1.80	1.90	1.91	1.91	1.99	2.14	2.28	2.33	2.42	2.29
Manganese µg/100 kJ	1.78	1.79	1.94	1.94	3.04	3.23	3.52	3.65	4.27	5.16	15.41	7.14
Phosphorus mg/100 kJ	9.18	9.57	9.61	9.86	10.21	10.39	11.51	11.51	11.74	12.19	15.36	14.40
Potassium mg/100 kJ	20.79	23.74	23.74	23.93	24.11	24.15	24.30	24.91	26.16	26.79	27.05	27.20
Selenium µg/100 kJ	0.43	0.61	0.61	0.61	0.63	0.71	0.71	0.81	0.82	0.90	0.96	0.92
Sodium mg/100 kJ	5.71	6.41	6.43	6.47	6.47	6.81	7.04	7.09	7.14	9.61	11.47	8.84
Zinc mg/100 kJ	0.14	0.14	0.17	0.17	0.17	0.18	0.18	0.21	0.21	0.25	0.25	0.22
Optional substances												
Choline µg/100 kJ	2.38	2.62	3.56	3.57	4.44	4.64	5.04	5.04	5.44	5.67	5.99	3.58
L-Carnitine mg/100 kJ	0.32	0.36	0.36	0.36	0.39	0.43	0.43	0.60	0.68	0.68	0.71	
Inositol mg/100 kJ	1.17	1.42	1.44	1.49	1.54	1.61	1.67	2.01	4.50	4.50		

Table 6: Labelled composition of individual infant formula purchased in Australia n=13

Nutrient	AU A	AU B	AU C	AU D	AU E	AU F	AU G	AU H	AU I	AU J	AU K	AU L	AU M
Macronutrients and fatty acids													
Protein g/100 kJ	0.46	0.53	0.56	0.54	0.64	0.46	0.46	0.50	0.53	0.49	0.46	0.51	0.48
Fat (total) g/100 kJ	1.29	1.28	1.29	1.29	1.28	1.29	1.21	1.21	1.26	1.20	1.25	1.20	1.23
Omega 3 mg/100 kJ													
DHA mg/100 kJ	2.54		2.47		2.53	2.82	2.78		2.63			2.54	3.75
ALA mg/100 kJ	15.00	25.62	18.82	25.90	14.95					20.07	21.07		
Omega 6 mg/100 kJ													
AA mg/100 kJ	4.29		4.18		4.27	2.82	2.78		5.26			2.54	3.75
LA mg/100 kJ	185.71	206.41	227.87	208.63	185.05					194.01	139.29		
CHO g/100 kJ	2.41	2.41	2.47	2.49	2.46	2.51	2.52	2.52	2.56	2.57	2.59	2.61	2.61
Vitamins													
Vitamin A µg/100 kJ	18.52	19.30	19.72	19.80	24.56	19.93	20.00	20.86	23.84	24.29	24.56	24.64	24.64
Beta-carotene µg/100 kJ	0.89	0.89	0.94	0.90	0.89								
Thiamin µg/100 kJ	15.25	15.47	17.54	17.75	35.59	17.75	17.82	17.96	18.52	18.54	21.00	22.50	23.00
Riboflavin µg/100 kJ	26.60	26.98	32.38	35.09	53.38	36.36	36.62	36.96	37.04	37.08	37.20	39.29	39.29
Vitamin B6 µg/100 kJ	13.12	13.21	13.31	13.88	19.57	13.90	14.04	14.55	14.81	15.02	15.14	15.22	16.73
Vitamin C mg/100 kJ	1.83	2.49	2.52	2.55	3.20	2.78	2.79	2.99	3.20	3.20	3.21	3.21	3.24
Vitamin B12 µg/100 kJ	0.04	0.05	0.05	0.05	0.07	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07
Vitamin D µg/100 kJ	0.25	0.26	0.27	0.32	0.43	0.32	0.32	0.32	0.32	0.32	0.34	0.35	0.35
Vitamin E mg/100 kJ	0.26	0.26	0.26	0.27	0.26	0.27	0.32	0.34	0.36	0.37	0.38	0.39	0.39
Vitamin K µg/100 kJ	1.21	1.22	1.39	1.63	3.56	1.64	1.68	1.74	1.74	1.74	1.76	1.81	1.96
Biotin µg/100 kJ	0.50	0.50	0.50	0.54	1.25	0.57	0.63	0.65	0.67	0.71	0.71	0.71	0.71
Folate µg/100 kJ	2.78	3.11	3.14	3.16	3.91	3.24	3.39	3.45	3.51	3.52	3.55	3.56	3.62
Niacin µg/100 kJ	155.80	156.36	157.00	157.89	213.52	158.45	159.26	176.34	157.89	158.45	178.57	178.57	179.86
Pantothenic acid	84.04	85.25	91.73	115.79	106.76	106.76	106.95	107.91	115.79	123.24	122.87	123.19	123.24

Nutrient	AU A	AU B	AU C	AU D	AU E	AU F	AU G	AU H	AU I	AU J	AU K	AU L	AU M
µg/100 kJ													
Minerals													
Calcium mg/100 kJ	15.36	15.96	16.07	16.07	23.84	16.19	16.37	16.38	17.02	17.04	17.06	17.44	17.61
Chloride mg/100 kJ	14.39	14.91	14.95	15.19	15.30	15.25	15.30	15.36	15.36	15.64	15.68	15.96	16.19
Copper µg/100 kJ	14.81	15.27	16.10	16.22	19.93	16.43	16.43	16.43	16.67	16.67	16.72	16.90	16.91
Iodine µg/100 kJ	2.10	2.77	2.96	3.24	5.34	3.37	3.45	3.56	3.56	4.21	4.26	4.32	4.36
Iron mg/100 kJ	0.20	0.25	0.25	0.25	0.28	0.25	0.25	0.26	0.26	0.27	0.27	0.28	0.28
Magnesium mg/100 kJ	1.79	1.79	1.85	1.86	2.38	1.88	1.89	1.90	1.91	1.91	1.92	1.95	1.98
Manganese µg/100 kJ	1.53	1.78	1.79	1.79	7.12	1.91	1.94	2.10	2.78	2.79	3.04	3.33	3.52
Phosphorus mg/100 kJ	8.57	9.18	9.18	9.61	17.79	9.63	9.90	9.93	10.18	10.21	10.45	10.51	10.68
Potassium mg/100 kJ	22.66	23.00	23.13	23.40	25.62	23.40	23.64	23.74	23.93	23.93	24.23	24.28	24.29
Selenium µg/100 kJ	0.29	0.43	0.56	0.58	0.50	0.59	0.60	0.61	0.61	0.63	0.64	0.64	0.70
Sodium mg/100 kJ	5.71	5.71	6.07	6.10	6.76	6.18	6.27	6.38	6.41	6.43	6.47	6.81	6.83
Zinc mg/100 kJ	0.14	0.14	0.15	0.17	0.21	0.17	0.17	0.17	0.17	0.18	0.18	0.19	0.20
Optional Substances													
Choline µg/100 kJ	2.38	2.59	2.78	3.45	3.56	3.57	3.57	3.60	3.64	3.70	3.74	3.91	4.18
L-Carnitine mg/100 kJ	0.32	0.33	0.35	0.36	0.36	0.36	0.36	0.36	0.36	0.37	0.38	0.39	0.43
Inositol mg/100 kJ	1.19	1.36	1.38	1.39	3.56	1.39	1.43	1.44	1.45	1.49	1.52	1.54	1.61

Table 7: Labelled composition of individual infant formula purchased in Australia n=11

Nutrient	AU N	AU O	AU P	AU Q	AU R	AU S	AU T	AU U	AU V	AU W	AU X
Macronutrients and fatty acids											
Protein g/100 kJ	0.56	0.59	0.57	0.50	0.53	0.50	0.63	0.54	0.46	0.54	
Fat (total) g/100 kJ	1.26	1.29	1.28	1.25	1.31	1.33	1.29	1.25	1.29	1.26	1.30
Omega 3 mg/100 kJ								25.45			
DHA mg/100 kJ	2.37			2.49		3.06	1.38	3.84	2.54	0.03	
ALA mg/100 kJ		17.94	31.87	22.21	24.11	24.46	19.58	21.51	15.00	11.87	
Omega 6 mg/100 kJ								210.04	4.29		
AA mg/100 kJ	4.07			2.49		5.36	2.76	3.76	4.29	0.05	
LA mg/100 kJ	0.00	0.21	0.32	157.30	236.88	240.29	216.78	206.09	185.71	70.14	0.24
CHO g/100 kJ	2.65	2.65	2.67	2.67	2.68	2.73	2.73	2.75	2.78	2.78	2.43
Vitamins											
Vitamin A µg/100 kJ	24.82	24.91	25.36	25.44	25.89	26.19	28.01	30.85	31.29	33.08	27.82
Beta-carotene µg/100 kJ			20.86	24.91			7.76		0.89	7.73	
Thiamin µg/100 kJ	26.79	26.88	28.37	35.59	35.71	35.71	35.97	37.05	53.85	62.02	22.89
Riboflavin µg/100 kJ	44.64	48.39	49.65	50.00	53.38	56.12	57.49	58.01	64.46	71.68	21.13
Vitamin B6 µg/100 kJ	18.57	19.57	19.64	19.64	19.71	19.78	21.22	23.00	29.72	30.66	14.08
Vitamin C mg/100 kJ	3.37	3.38	3.45	3.57	3.93	4.18	4.21	4.96	6.47	6.81	2.46
Vitamin B12 µg/100 kJ	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.11	0.11	0.16	0.11
Vitamin D µg/100 kJ	0.36	0.36	0.40	0.40	0.43	0.43	0.43	0.44	0.44	0.45	0.35
Vitamin E mg/100 kJ	0.39	0.39	0.39	0.40	0.40	0.40	0.44	0.45	0.46	0.57	0.39
Vitamin K µg/100 kJ	2.06	2.22	2.38	2.39	2.39	1.74	2.43	2.70	2.71	2.93	1.94
Biotin µg/100 kJ	0.74	0.80	0.85	0.87	0.87	0.89	1.08	1.12	1.16	1.29	1.06
Folate µg/100 kJ	3.74	3.75	3.91	3.91	3.93	3.93	3.96	4.26	5.23	5.56	4.65
Niacin µg/100 kJ	198.58	213.90	214.29	239.72	247.39	155.80	250.00	251.77	255.40	272.73	246.48
Pantothenic acid µg/100 kJ	125.00	125.00	129.63	132.40	167.38	123.19	191.49	214.29	223.13	227.27	176.06

Nutrient	AU N	AU O	AU P	AU Q	AU R	AU S	AU T	AU U	AU V	AU W	AU X
Minerals											
Calcium mg/100 kJ	17.75	17.79	18.25	18.28	18.40	19.78	20.14	20.86	22.62	23.57	24.65
Chloride mg/100 kJ	16.79	17.06	17.15	17.19	17.25	17.39	17.79	18.46	19.78	25.00	20.77
Copper µg/100 kJ	17.66	17.77	17.79	18.28	18.44	18.57	18.71	19.93	20.14	20.64	16.55
Iodine µg/100 kJ	4.44	4.58	4.64	4.71	5.32	5.34	5.36	5.36	5.40	5.92	3.52
Iron mg/100 kJ	0.29	0.29	0.29	0.29	0.29	0.29	0.31	0.32	0.32	0.32	0.36
Magnesium mg/100 kJ	2.04	2.14	2.14	2.28	2.33	2.41	2.42	2.42	2.48	2.52	1.90
Manganese µg/100 kJ	3.62	3.69	3.71	4.27	5.32	5.36	6.05	15.41	18.71	18.71	14.08
Phosphorus mg/100 kJ	11.35	11.51	11.74	12.19	12.95	13.34	15.36	15.83	16.01	16.22	17.61
Potassium mg/100 kJ	24.39	24.91	24.91	26.16	26.79	27.04	27.05	28.27	30.63	31.65	26.76
Selenium µg/100 kJ	0.71	0.71	0.72	0.75	0.80	0.81	0.82	0.83	0.89	0.90	0.00
Sodium mg/100 kJ	7.12	7.17	7.25	7.80	7.91	8.07	8.34	8.50	9.26	9.61	11.27
Zinc mg/100 kJ	0.21	0.21	0.21	0.22	0.24	0.25	0.25	0.25	0.25	0.25	0.28
Optional substances											
Choline µg/100 kJ	4.29	4.44	4.62	4.64	4.96	4.98	5.46	5.80	5.80	5.99	2.78
L-Carnitine mg/100 kJ	0.46	0.46	0.60	0.62	0.70	0.71	0.72				
Inositol mg/100 kJ	1.61	1.92	2.03	2.73	3.57	4.43	4.50				