



中華人民共和國香港特別行政區政府總部食物及衛生局
Food and Health Bureau, Government Secretariat
The Government of the Hong Kong Special Administrative Region
The People's Republic of China

本函檔案 Our ref. :
來函檔案 Your ref. :

電話號碼 Tel nos. : 3509 8925
傳真號碼 Fax nos. : 2136 3281

20 April 2015

Ms Alice LEUNG
Clerk to Subcommittee on Food and Drugs
(Composition and Labelling) (Amendment) (No. 2) Regulation
Legislative Council Complex
1 Legislative Council Road
Central, Hong Kong
(Fax: 2509 9055)

Dear Ms Leung,

Food and Drugs (Composition and Labelling) (Amendment) (No. 2) Regulation

I refer to your letter of 16 October. Regarding the questions raised by the Subcommittee at its meeting on 14 October, our response is as follows:

Question (1)

2. In 2012, the Centre for Food Safety (CFS) conducted a survey on the nutrient content (including iodine content) of 64 infant formula products. Details of the formula products and findings of the survey are set out in **Annexes 1 and 2**.

Question (2)

3. Apart from the findings of the surveys in 2012 and 2013, we have no latest surveillance information about the nutrient content of infant formula and follow-up formula in the market. However, we would like to emphasise that the proposal of a shorter grace period of 18 months for infant formula aims to ensure as soon as practicable compliance of the infant formula in the market with international requirements on composition and labelling for the healthy growth of infants. This is because where breastfeeding is not feasible, infant formula is the only processed foodstuff which wholly fulfils the nutritional requirements of infants during the first months of life until the introduction of appropriate complementary feeding¹.

¹ Complementary feeding is normally introduced at 6 months of age.

Question (3)

4. Regulation 5(4) of the Food and Drugs (Composition and Labelling) Regulations (Cap.132 sub. leg. W) provides that “in any proceedings for an offence against paragraph (1B), it shall be a defence for the defendant to prove that each alteration, removal or obliteration in respect of which the offence is alleged was effected under the written authorization of a person capable of effecting that alteration, removal or obliteration without contravention of that provision”.

5. Therefore, it shall be a defence to an offence under regulation 5(1B) for a person to prove that he or she has, with the written authorization of the manufacturer or packer originally responsible for marking or labelling the food for the purposes of regulation 4, 4A, 4B or 4C, altered, removed or obliterated the marking or labelling in question.

Question (4)

6. Penalties for contravening the statutory requirements on food labelling and other statutory requirements in respect of food safety are detailed at **Annex 3**.

Question (5)

7. According to the Water Supplies Department, the fluoride content of drinking water in Hong Kong in the past five years is as follows:

Period	Fluoride content of drinking water (mg/L)		
	Minimum	Maximum	Average
4/2014 - 9/2014	<0.1	0.64	0.48
4/2013 - 3/2014	0.15	0.69	0.48
4/2012 - 3/2013	<0.10	0.67	0.49
4/2011 - 3/2012	0.11	0.70	0.49
4/2010 - 3/2011	0.14	0.72	0.49
4/2009 - 3/2010	0.10	0.74	0.49

8. In drafting the Amendment Regulation, CFS has sought advice from the Dental Service under the Department of Health, which advised that there is no international recommendations for the maximum intake level of fluoride by infants. Nonetheless, most of the adolescents and children in Hong Kong do not have dental fluorosis. In regulating fluoride in infant formula, the Administration should also take the fluoride content of drinking water in Hong Kong into consideration.

9. The survey conducted by CFS in 2012 on the infant formula products on sale in the Hong Kong market does not cover the fluoride content of these products.

10. CFS does not have any information about the fluoride content of drinking water in other countries.

Question (6)

11. According to the Codex Alimentarius Commission (Codex), fluoride is not one of the 33 nutrients required to be present in infant formula. Fluoride can protect teeth. However, since an excessive intake of fluoride may increase the risk of dental fluorosis, we propose to regulate fluoride in infant formula. With reference to the practice of Australia and New Zealand, we require infant formula to be labelled with a statement associated with dental fluorosis, if the fluoride content of the product (in a form that is reconstituted or served according to any instructions for use provided) exceeds the maximum level stipulated in the corresponding Codex standard. The statement would:

- (a) indicate that consumption of the formula may cause dental fluorosis;
and
- (b) recommend that the risk of dental fluorosis should be discussed with a medical practitioner or health professional.

12. In fact, the fluoride content of infant formula is not regulated in places such as Singapore, the United States and the Mainland China. We are of the view that the suggested regulatory control would strike a proper balance between providing sufficient information for parents to make an informed choice and international regulatory practice.

Yours sincerely,

A handwritten signature in blue ink, appearing to read 'Jeff Leung', with a long, sweeping flourish extending to the right.

(Jeff LEUNG)

for Secretary for Food and Health

Test Result on Nutritional Composition of 21 Infant Formulae (16 November 2012)

Composition / Nutrient	Unit	Codex Standard	Abbott Similac Isomil Soy Infant Formula 1	Abbott Similac NeoSure	Ausnutria Allnutria New Birth Formula Milk Powder 1	Ausnutria Allnutria Infant Formula Milk Powder 2	Babynat Organic Infant Milk	Bimbosan Bisoja Soy Infant Milk Powder [Packed in bags]
Energy	kcal/100g	[60 - 70 kcal/100ml]	510	510	510	510	490	490
Protein	g/100kcal	1.8 - 3.0	2.6	2.6	2.4	2.4	2.1	2.5
Total fat	g/100kcal	4.4 - 6.0	5.2	5.4	5.0	5.2	4.6	4.6
Linoleic acid	mg/100kcal	300 - 1400*	1000	900	930	940	590	800
alpha-Linolenic acid	mg/100kcal	50 - NS	97	88	72	73	83	76
Total carbohydrates	g/100kcal	9.0 - 14.0	11	10	11	11	13	12
Vitamin A	ugRE/100kcal	60 - 180	120	170	110	110	120	75
Vitamin D3	ug/100kcal	1 - 2.5	2.2	2.1	2.1	2.2	2.3	2.4
Vitamin E	mg alpha-TE /100kcal	0.5 - 5*	1.8	3.8	1.3	1.4	1.0	1.7
Vitamin K	ug/100kcal	4 - 27*	8.6	18	8.0	8.0	7.2	6.6
Thiamin	ug/100kcal	60 - 300*	97	230	120	100	130	130
Riboflavin	ug/100kcal	80 - 500*	130	330	300	300	300	160
Niacin	ug/100kcal	300 - 1500*	1100	1500	1300	1300	1000	1300
Vitamin B6	ug/100kcal	35 - 175*	73	170	81	100	81	160
Vitamin B12	ug/100kcal	0.1 - 1.5*	0.28	0.62	0.50	0.51	0.43	0.20
Pantothenic acid	ug/100kcal	400 - 2000*	960	1200	1000	990	830	850
Folic acid	ug/100kcal	10 - 50*	18	32	30	33	12	15
Vitamin C	mg/100kcal	10 - 70*	19	31	15	14	15	23
Biotin	ug/100kcal	1.5 - 10*	3.8	10	6.4	6.0	4.1	14
Iron	mg/100kcal	0.45 - NS	1.7	1.9	1.2	1.2	1.2	1.6
Calcium	mg/100kcal	50 - 140*	130	120	82	89	95	86
Phosphorus	mg/100kcal	25 - 100*	79	67	56	60	70	57
Magnesium	mg/100kcal	5 - 15*	8.5	10	9.2	10	14	12
Sodium	mg/100kcal	20 - 60	40	29	29	29	38	33
Chloride	mg/100kcal	50 - 160	89	88	60	61	70	76
Potassium	mg/100kcal	60 - 180	130	150	100	100	100	110
Manganese	ug/100kcal	1 - 100*	68	8.0	11	11	8.0	47
Selenium	ug/100kcal	1 - 9*	2.6	2.9	2.3	2.2	2.8	2.0
Copper	ug/100kcal	35 - 120*	83	110	67	68	140	80
Zinc	mg/100kcal	0.5 - 1.5*	1.2	1.3	0.67	0.65	0.94	1.1
Choline	mg/100kcal	7 - 50*	14	20	19	19	23	14
Myo-Inositol	mg/100kcal	4 - 40*	17	7.7	14	13	12	6.8
L-Carnitine	mg/100kcal	1.2 - NS	2.2	6.5	3.7	3.1	3.9	1.7

Note:

NS = Not Specified

* Guidance Upper Level

Level exceeding Codex standard

Test Result on Nutritional Composition of 21 Infant Formulae (16 November 2012)

Composition / Nutrient	Unit	Codex Standard	Gilbert Laboratoires Osmolac-Diarrheic episode	Gilbert Laboratoires Physiolac - Hypo-Allergenic Formula	Holle Organic Infant Formula 1	Les Viva Organic Infant Formula	Mead Johnson Enfamil A+ LactoFree Infant Formula
Energy	kcal/100g	[60 - 70 kcal/100ml]	490	510	510	470	510
Protein	g/100kcal	1.8 - 3.0	2.9	2.3	2.2	6.2 #	2.2
Total fat	g/100kcal	4.4 - 6.0	4.5	5.1	5.1	4.4	5.3
Linoleic acid	mg/100kcal	300 - 1400*	760	1100	910	1300	940
alpha-Linolenic acid	mg/100kcal	50 - NS	68	93	120	180	79
Total carbohydrates	g/100kcal	9.0 - 14.0	12	11	11	9.3	11
Vitamin A	ugRE/100kcal	60 - 180	76	140	90	64	100
Vitamin D3	ug/100kcal	1 - 2.5	2.5	2.2	1.9	1.8	1.6
Vitamin E	mg alpha-TE /100kcal	0.5 - 5*	1.3	2.7	3.1	1.8	1.9
Vitamin K	ug/100kcal	4 - 27*	8.9	10	11	14	17
Thiamin	ug/100kcal	60 - 300*	67	120	120	68	66
Riboflavin	ug/100kcal	80 - 500*	220	240	370	300	100
Niacin	ug/100kcal	300 - 1500*	1400	1100	650	610	1100
Vitamin B6	ug/100kcal	35 - 175*	98	130	61	93	55
Vitamin B12	ug/100kcal	0.1 - 1.5*	0.47	0.26	0.35	0.63	0.43
Pantothenic acid	ug/100kcal	400 - 2000*	850	500	920	740	470
Folic acid	ug/100kcal	10 - 50*	22	13	31	11	15
Vitamin C	mg/100kcal	10 - 70*	16	14	17	12	14
Biotin	ug/100kcal	1.5 - 10*	2.3	5.7	2.6	4.0	2.6
Iron	mg/100kcal	0.45 - NS	0.63	1.2	0.57	1.2	1.8
Calcium	mg/100kcal	50 - 140*	98	87	86	89	120
Phosphorus	mg/100kcal	25 - 100*	54	49	63	100	82
Magnesium	mg/100kcal	5 - 15*	10	9.5	10	25	12
Sodium	mg/100kcal	20 - 60	43	36	48	70	53
Chloride	mg/100kcal	50 - 160	76	66	82	120	84
Potassium	mg/100kcal	60 - 180	110	99	130	270 #	110
Manganese	ug/100kcal	1 - 100*	60	100	18	130	75
Selenium	ug/100kcal	1 - 9*	2.7	3.3	3.0	4.0	2.7
Copper	ug/100kcal	35 - 120*	64	70	53	130	130
Zinc	mg/100kcal	0.5 - 1.5*	0.71	1.5	0.74	0.71	1.1
Choline	mg/100kcal	7 - 50*	16	9.8	17	21	25
Myo-Inositol	mg/100kcal	4 - 40*	6.5	5.7	6.9	5.3	19
L-Carnitine	mg/100kcal	1.2 - NS	2.4	1.6	4.3	1.5	2.4

Note:

NS = Not Specified

* Guidance Upper Level

Level exceeding Codex standard

Test Result on Nutritional Composition of 21 Infant Formulae (16 November 2012)

Composition / Nutrient	Unit	Codex Standard	Namyang XO Five Secret 1	Namyang XO Five Secret 2	Nature's Baby Formula (Stage N)	Nature's Baby Formula (Stage 1)	PBM Nutritionals Infant Formula for Newborns
Energy	kcal/100g	[60 - 70 kcal/100ml]	520	510	470	470	510
Protein	g/100kcal	1.8 - 3.0	2.4	2.8	2.9	2.9	2.5
Total fat	g/100kcal	4.4 - 6.0	5.4	5.2	4.4	4.4	5.3
Linoleic acid	mg/100kcal	300 - 1400*	890	820	630	590	890
alpha-Linolenic acid	mg/100kcal	50 - NS	67	61	66	62	92
Total carbohydrates	g/100kcal	9.0 - 14.0	10	11	12	12	11
Vitamin A	ugRE/100kcal	60 - 180	97	100	150	160	130
Vitamin D3	ug/100kcal	1 - 2.5	2.0	2.0	2.3	1.7	2.4
Vitamin E	mg alpha-TE /100kcal	0.5 - 5*	1.7	1.7	2.6	2.5	3.4
Vitamin K	ug/100kcal	4 - 27*	7.8	7.3	14	12	12
Thiamin	ug/100kcal	60 - 300*	150	140	230	190	93
Riboflavin	ug/100kcal	80 - 500*	380	370	420	410	170
Niacin	ug/100kcal	300 - 1500*	1400	1400	1100	1000	1400
Vitamin B6	ug/100kcal	35 - 175*	130	130	97	150	72
Vitamin B12	ug/100kcal	0.1 - 1.5*	0.92	0.94	0.60	0.66	0.37
Pantothenic acid	ug/100kcal	400 - 2000*	870	1000	990	870	900
Folic acid	ug/100kcal	10 - 50*	33	37	25	23	23
Vitamin C	mg/100kcal	10 - 70*	18	18	17	17	18
Biotin	ug/100kcal	1.5 - 10*	6.2	5.9	7.0	4.8	2.6
Iron	mg/100kcal	0.45 - NS	1.1	1.4	1.2	1.4	1.2
Calcium	mg/100kcal	50 - 140*	93	100	97	95	85
Phosphorus	mg/100kcal	25 - 100*	57	62	76	74	65
Magnesium	mg/100kcal	5 - 15*	11	12	9.8	9.7	8.7
Sodium	mg/100kcal	20 - 60	30	33	33	34	31
Chloride	mg/100kcal	50 - 160	64	65	84	74	78
Potassium	mg/100kcal	60 - 180	110	110	130	130	140
Manganese	ug/100kcal	1 - 100*	16	16	53	19	21
Selenium	ug/100kcal	1 - 9*	1.5	2.0	3.7	3.6	5.1
Copper	ug/100kcal	35 - 120*	77	80	180	140	82
Zinc	mg/100kcal	0.5 - 1.5*	0.76	0.80	1.4	1.8	1.1
Choline	mg/100kcal	7 - 50*	19	18	18	16	13
Myo-Inositol	mg/100kcal	4 - 40*	11	11	5.6	6.0	4.1
L-Carnitine	mg/100kcal	1.2 - NS	2.2	2.2	3.7	2.7	1.6

Note:

NS = Not Specified

* Guidance Upper Level

Level exceeding Codex standard

Test Result on Nutritional Composition of 21 Infant Formulae (16 November 2012)

Composition / Nutrient	Unit	Codex Standard	S-8 Komplex Infant Formula 1	Ustrong Infant Formula 1	WIOM Infant Formula Stage 1	Wyeth Illuma Infant Formula Milk Powder Stage 1	Wyeth S-26 HA Gold Hypoantigenic Infant Formula Powder
Energy	kcal/100g	[60 - 70 kcal/100ml]	490	500	510	500	520
Protein	g/100kcal	1.8 - 3.0	2.3	2.1	2.3	2.1	2.4
Total fat	g/100kcal	4.4 - 6.0	4.7	5.2	5.1	4.8	5.3
Linoleic acid	mg/100kcal	300 - 1400*	810	710	830	840	780
alpha-Linolenic acid	mg/100kcal	50 - NS	100	69	67	59	57
Total carbohydrates	g/100kcal	9.0 - 14.0	12	11	11	12	11
Vitamin A	ugRE/100kcal	60 - 180	130	150	120	85	98
Vitamin D3	ug/100kcal	1 - 2.5	2.4	2.3	2.3	1.9	1.9
Vitamin E	mg alpha-TE /100kcal	0.5 - 5*	3.7	3.7	4.9	1.6	2.1
Vitamin K	ug/100kcal	4 - 27*	14	15	12	12	10
Thiamin	ug/100kcal	60 - 300*	150	180	150	170	69
Riboflavin	ug/100kcal	80 - 500*	180	230	320	210	230
Niacin	ug/100kcal	300 - 1500*	940	1400	980	940	840
Vitamin B6	ug/100kcal	35 - 175*	120	46	76	120	110
Vitamin B12	ug/100kcal	0.1 - 1.5*	0.51	1.0	0.81	0.40	0.42
Pantothenic acid	ug/100kcal	400 - 2000*	680	850	970	1100	650
Folic acid	ug/100kcal	10 - 50*	18	27	20	25	13
Vitamin C	mg/100kcal	10 - 70*	20	44	14	13	20
Biotin	ug/100kcal	1.5 - 10*	3.0	3.9	4.8	3.6	2.6
Iron	mg/100kcal	0.45 - NS	1.1	1.6	1.4	1.3	1.3
Calcium	mg/100kcal	50 - 140*	93	100	72	64	67
Phosphorus	mg/100kcal	25 - 100*	58	49	49	37	47
Magnesium	mg/100kcal	5 - 15*	10	14	9.0	9.9	11
Sodium	mg/100kcal	20 - 60	37	34	27	30	34
Chloride	mg/100kcal	50 - 160	68	74	68	71	84
Potassium	mg/100kcal	60 - 180	120	130	74	92	110
Manganese	ug/100kcal	1 - 100*	21	23	15	20	9.8
Selenium	ug/100kcal	1 - 9*	3.9	4.5	1.8	3.2	3.2
Copper	ug/100kcal	35 - 120*	86	73	78	86	87
Zinc	mg/100kcal	0.5 - 1.5*	1.0	1.5	1.4	1.0	0.94
Choline	mg/100kcal	7 - 50*	20	23	28	12	17
Myo-Inositol	mg/100kcal	4 - 40*	8.4	8.5	6.2	7.0	5.4
L-Carnitine	mg/100kcal	1.2 - NS	2.5	1.2	2.8	2.3	2.2

Note:

NS = Not Specified

* Guidance Upper Level

Level exceeding Codex standard

Test Result on Nutritional Composition of 21 Infant Formulae (28 December 2012)

Composition / Nutrient	Unit	Codex Standard	Beingmate Newborn Formula 1	Bellamy's Organic Infant Formula	Cow & Gate Pepti-Junior	Friso Frisolac Gold Infant Formula 1	Glico 固力果 ICREO細仔奶粉 [盒裝]	HiPP Organic First Infant Milk 1
Energy	kcal/100g	[60 - 70 kcal / 100ml]	500	510	520	510	520	510
Protein	g/100kcal	1.8 - 3.0	2.6	2.5	2.7	2.1	2.3	2.2
Total fat	g/100kcal	4.4 - 6.0	4.8	5.0	5.3	5.0	5.3	4.9
Linoleic acid	mg/100kcal	300 - 1400*	1000	920	690	630	690	800
alpha-Linolenic acid	mg/100kcal	50 - NS	83	51	110	77	110	98
Total carbohydrates	g/100kcal	9.0 - 14.0	12	11	10	12	11	12
Vitamin A	ugRE/100kcal	60 - 180	93	93	80	120	70	110
Vitamin D3	ug/100kcal	1 - 2.5	1.8	1.9	2.1	2.3	2.0	2.5
Vitamin E	mg alpha-TE / 100kcal	0.5 - 5*	2.8	1.6	2.0	2.1	1.2	1.1
Vitamin K	ug/100kcal	4 - 27*	15	8.0	6.8	8.7	4.8	8.9
Thiamin	ug/100kcal	60 - 300*	140	130	100	110	150	120
Riboflavin	ug/100kcal	80 - 500*	290	370	170	140	240	300
Niacin	ug/100kcal	300 - 1500*	880	1100	670	740	990	610
Vitamin B6	ug/100kcal	35 - 175*	130	110	58	71	55	62
Vitamin B12	ug/100kcal	0.1 - 1.5*	0.96	0.43	0.29	0.36	0.45	0.47
Pantothenic acid	ug/100kcal	400 - 2000*	560	720	520	740	970	720
Folic acid	ug/100kcal	10 - 50*	19	15	28	21	23	19
Vitamin C	mg/100kcal	10 - 70*	23	17	13	17	13	21
Biotin	ug/100kcal	1.5 - 10*	5.6	4.3	4.4	3.6	1.5	3.2
Iron	mg/100kcal	0.45 - NS	0.91	1.3	1.1	1.0	1.5	0.76
Calcium	mg/100kcal	50 - 140*	79	72	66	81	74	82
Phosphorus	mg/100kcal	25 - 100*	55	61	44	51	55	58
Magnesium	mg/100kcal	5 - 15*	7.6	8.5	6.6	9.1	7.7	8.7
Sodium	mg/100kcal	20 - 60	22	29	24	37	25	32
Chloride	mg/100kcal	50 - 160	50	79	55	68	74	58
Potassium	mg/100kcal	60 - 180	140	100	91	120	100	120
Manganese	ug/100kcal	1 - 100*	15	6.1	68	23	2.0	13
Selenium	ug/100kcal	1 - 9*	1.5	2.2	1.9	3.5	2.2	2.1
Copper	ug/100kcal	35 - 120*	68	63	60	67	77	66
Zinc	mg/100kcal	0.5 - 1.5*	0.97	0.66	0.85	0.95	0.70	0.86
Choline	mg/100kcal	7 - 50*	16	12	16	25	8.6	12
Myo-Inositol	mg/100kcal	4 - 40*	13	6.9	4.6	6.2	7.4	7.0
L-Carnitine	mg/100kcal	1.2 - NS	4.0	3.3	3.8	3.5	3.5	4.7

Note: NS = Not Specified * Guidance Upper Level

¹Below Codex Standard. Risk assessment showed that according to the feeding suggestion on the label, biotin intake will be lower than the recommended intake suggested by the World Health Organization (i.e. 5 ug per day).

Test Result on Nutritional Composition of 21 Infant Formulae (28 December 2012)

Composition / Nutrient	Unit	Codex Standard	HiPP Organic Hungry Infant Milk 2	Karihome Goat Infant Formula with Iron 1 (400g)	Maeil Absolute Stage 2	Meiji 明治 旅行粒裝奶粉 (5袋裝)	Neoangelac Plus Infant Formula 1 (Acidified)
Energy	kcal/100g	[60 - 70 kcal / 100ml]	490	500	510	500	500
Protein	g/100kcal	1.8 - 3.0	2.5	2.0	2.6	2.1	2.2
Total fat	g/100kcal	4.4 - 6.0	4.6	4.9	4.9	4.9	5.0
Linoleic acid	mg/100kcal	300 - 1400*	880	620	1000	750	600
alpha-Linolenic acid	mg/100kcal	50 - NS	84	78	77	73	110
Total carbohydrates	g/100kcal	9.0 - 14.0	12	12	11	12	12
Vitamin A	ugRE/100kcal	60 - 180	86	90	100	94	91
Vitamin D3	ug/100kcal	1 - 2.5	2.4	2.0	1.9	1.6	2.4
Vitamin E	mg alpha-TE / 100kcal	0.5 - 5*	1.7	3.8	1.5	1.3	1.6
Vitamin K	ug/100kcal	4 - 27*	10	12	9.0	4.0	9.7
Thiamin	ug/100kcal	60 - 300*	130	150	110	89	86
Riboflavin	ug/100kcal	80 - 500*	280	290	360	170	280
Niacin	ug/100kcal	300 - 1500*	960	1200	1500	620	780
Vitamin B6	ug/100kcal	35 - 175*	110	53	96	59	67
Vitamin B12	ug/100kcal	0.1 - 1.5*	0.48	0.32	1.4	0.46	0.29
Pantothenic acid	ug/100kcal	400 - 2000*	650	720	1300	910	410
Folic acid	ug/100kcal	10 - 50*	32	17	39	25	45
Vitamin C	mg/100kcal	10 - 70*	14	17	14	18	36
Biotin	ug/100kcal	1.5 - 10*	3.7	5.5	7.1	0.74 ¹	5.7
Iron	mg/100kcal	0.45 - NS	0.81	1.3	1.2	1.3	1.6
Calcium	mg/100kcal	50 - 140*	120	110	74	72	77
Phosphorus	mg/100kcal	25 - 100*	80	72	56	46	53
Magnesium	mg/100kcal	5 - 15*	8.3	8.4	9.4	8.8	11
Sodium	mg/100kcal	20 - 60	32	31	27	26	34
Chloride	mg/100kcal	50 - 160	70	120	59	57	63
Potassium	mg/100kcal	60 - 180	110	140	95	110	110
Manganese	ug/100kcal	1 - 100*	11	18	17	4.5	15
Selenium	ug/100kcal	1 - 9*	2.9	2.0	1.3	2.2	2.7
Copper	ug/100kcal	35 - 120*	54	77	64	69	82
Zinc	mg/100kcal	0.5 - 1.5*	0.92	0.91	0.79	0.70	0.88
Choline	mg/100kcal	7 - 50*	14	17	15	11	13
Myo-Inositol	mg/100kcal	4 - 40*	8.0	4.4	14	20	28
L-Carnitine	mg/100kcal	1.2 - NS	3.0	2.8	4.0	4.0	11

Note: NS = Not Specified * Guidance Upper Level

¹Below Codex Standard. Risk assessment showed that according to the feeding suggestion on the label, biotin intake will be lower than the recommended intake suggested by the World Health Organization (i.e. 5 ug per day).

Test Result on Nutritional Composition of 21 Infant Formulae (28 December 2012)

Composition / Nutrient	Unit	Codex Standard	Neocate LCP	Nestle AL110 Lactose-free Infant Formula	Nestle NAN PRO Advanced Formula 1	Nutricia Karicare Gold + Infant Formula 1	OZ Kids Infant Formula 1
Energy	kcal/100g	[60 - 70 kcal / 100ml]	490	490	510	500	500
Protein	g/100kcal	1.8 - 3.0	3.0	2.2	2.1	2.1	2.6
Total fat	g/100kcal	4.4 - 6.0	4.6	4.5	4.9	4.7	4.8
Linoleic acid	mg/100kcal	300 - 1400*	740	940	850	760	810
alpha-Linolenic acid	mg/100kcal	50 - NS	64	89	85	59	70
Total carbohydrates	g/100kcal	9.0 - 14.0	12	13	12	12	12
Vitamin A	ugRE/100kcal	60 - 180	110	94	82	94	93
Vitamin D3	ug/100kcal	1 - 2.5	1.8	1.5	1.5	2.0	2.0
Vitamin E	mg alpha-TE / 100kcal	0.5 - 5*	1.6	2.0	2.1	2.3	1.8
Vitamin K	ug/100kcal	4 - 27*	7.0	8.7	8.1	9.5	12
Thiamin	ug/100kcal	60 - 300*	110	110	130	120	190
Riboflavin	ug/100kcal	80 - 500*	140	120	260	200	340
Niacin	ug/100kcal	300 - 1500*	1200	1300	1200	810	1200
Vitamin B6	ug/100kcal	35 - 175*	120	77	74	70	120
Vitamin B12	ug/100kcal	0.1 - 1.5*	0.36	0.34	0.29	0.45	0.74
Pantothenic acid	ug/100kcal	400 - 2000*	860	1100	1100	640	1100
Folic acid	ug/100kcal	10 - 50*	19	19	22	23	33
Vitamin C	mg/100kcal	10 - 70*	18	18	13	15	21
Biotin	ug/100kcal	1.5 - 10*	7.5	3.4	2.3	5.4	5.4
Iron	mg/100kcal	0.45 - NS	1.3	1.0	0.94	1.1	1.3
Calcium	mg/100kcal	50 - 140*	92	85	58	66	92
Phosphorus	mg/100kcal	25 - 100*	76	55	41	47	82
Magnesium	mg/100kcal	5 - 15*	5.4	11	9.4	8.1	10
Sodium	mg/100kcal	20 - 60	26	35	38	33	37
Chloride	mg/100kcal	50 - 160	59	82	73	76	84
Potassium	mg/100kcal	60 - 180	79	120	100	100	140
Manganese	ug/100kcal	1 - 100*	78	32	20	16	18
Selenium	ug/100kcal	1 - 9*	3.1	1.8	2.8	3.0	2.0
Copper	ug/100kcal	35 - 120*	94	72	81	71	84
Zinc	mg/100kcal	0.5 - 1.5*	0.92	0.85	1.1	0.81	0.92
Choline	mg/100kcal	7 - 50*	11	7.4	7.1	24	11
Myo-Inositol	mg/100kcal	4 - 40*	23	5.3	6.0	6.1	5.1
L-Carnitine	mg/100kcal	1.2 - NS	5.6	2.7	4.3	3.0	3.4

Note: NS = Not Specified * Guidance Upper Level

¹Below Codex Standard. Risk assessment showed that according to the feeding suggestion on the label, biotin intake will be lower than the recommended intake suggested by the World Health Organization (i.e. 5 ug per day).

Test Result on Nutritional Composition of 21 Infant Formulae (28 December 2012)

Composition / Nutrient	Unit	Codex Standard	Smileygrowth Infant Formula Whey Dominant 1	Symbiotics ImmunoMilk Infant Formula Milk Powder	Topfer Lactana Organic Infant Milk 1	TwoBebes Infant Milk 1	Wyeth Nursoy GOLD Soy Protein Infant Formula Powder
Energy	kcal/100g	[60 - 70 kcal / 100ml]	500	510	500	500	500
Protein	g/100kcal	1.8 - 3.0	2.4	2.3	2.4	2.6	2.8
Total fat	g/100kcal	4.4 - 6.0	4.8	5.0	5.0	4.7	4.9
Linoleic acid	mg/100kcal	300 - 1400*	840	780	810	690	940
alpha-Linolenic acid	mg/100kcal	50 - NS	67	63	77	51	68
Total carbohydrates	g/100kcal	9.0 - 14.0	12	11	11	12	11
Vitamin A	ugRE/100kcal	60 - 180	84	70	93	95	87
Vitamin D3	ug/100kcal	1 - 2.5	2.4	1.8	2.5	2.5	2.2
Vitamin E	mg alpha-TE / 100kcal	0.5 - 5*	3.7	1.7	3.2	1.0	2.2
Vitamin K	ug/100kcal	4 - 27*	12	10	11	8.6	17
Thiamin	ug/100kcal	60 - 300*	110	89	120	140	160
Riboflavin	ug/100kcal	80 - 500*	280	380	390	400	240
Niacin	ug/100kcal	300 - 1500*	930	1000	670	1000	890
Vitamin B6	ug/100kcal	35 - 175*	79	88	63	120	85
Vitamin B12	ug/100kcal	0.1 - 1.5*	0.96	0.54	0.43	0.70	0.32
Pantothenic acid	ug/100kcal	400 - 2000*	880	740	1200	1000	620
Folic acid	ug/100kcal	10 - 50*	26	22	38	14	20
Vitamin C	mg/100kcal	10 - 70*	13	22	18	15	19
Biotin	ug/100kcal	1.5 - 10*	6.7	4.1	3.7	4.3	7.9
Iron	mg/100kcal	0.45 - NS	1.3	1.3	0.82	1.2	1.3
Calcium	mg/100kcal	50 - 140*	77	77	120	110	110
Phosphorus	mg/100kcal	25 - 100*	61	59	89	77	87
Magnesium	mg/100kcal	5 - 15*	11	9.0	13	11	11
Sodium	mg/100kcal	20 - 60	39	34	60	42	26
Chloride	mg/100kcal	50 - 160	90	64	67	73	65
Potassium	mg/100kcal	60 - 180	120	100	160	100	110
Manganese	ug/100kcal	1 - 100*	19	13	29	10	75
Selenium	ug/100kcal	1 - 9*	1.2	1.6	3.7	3.1	2.3
Copper	ug/100kcal	35 - 120*	75	59	77	68	87
Zinc	mg/100kcal	0.5 - 1.5*	1.3	0.68	1.1	1.2	1.0
Choline	mg/100kcal	7 - 50*	12	8.7	33	13	11
Myo-Inositol	mg/100kcal	4 - 40*	6.8	5.9	7.9	9.2	12
L-Carnitine	mg/100kcal	1.2 - NS	5.8	3.9	8.9	6.4	2.6

Note: NS = Not Specified * Guidance Upper Level

¹Below Codex Standard. Risk assessment showed that according to the feeding suggestion on the label, biotin intake will be lower than the recommended intake suggested by the World Health Organization (i.e. 5 ug per day).

Additional Information on Test Result on Nutritional Composition of 14 Infant Formulae Included in the Preliminary Study

The Centre for Food Safety conducted further nutrient testing on selected infant formulae included in the preliminary study. Kindly note that information provided below supersedes related data found in the attached table on page 2-3.

Iodine Content in Infant Formulae

Updated on 10-8-2012

Product Name	Iodine Content based on Declared Energy Value (mcg/100kcal)
Wakodo 和光堂初生嬰兒奶粉	1.7 [#]
Wakodo 和光堂初生嬰兒奶粉 (2 nd Batch)	2.1 [#]
Morinaga 森永初生嬰兒奶粉	3.9 [#]
Morinaga 森永初生嬰兒奶粉 (2 nd Batch)	3.9 [#]
Friso Gold Infant Formula 1	12.4
Gillbert Laboratories Physiolac Infant Milk 1	10.5

Remark:

[#] Risk assessment showed health concern.

Updated on 16-8-2012

Product Name	Iodine Content based on Declared Energy Value (mcg/100kcal)
Snow Brand Smart Baby 1 Infant Formula with Iron	10.0
Meiji 明治細仔奶粉 (明治初生嬰兒奶粉)	11.1

Biotin Content in Infant Formulae

Updated on 16-11-2012

Product Name	Biotin Content (mcg/100kcal)
Meiji 明治細仔奶粉 (明治初生嬰兒奶粉)	0.81 [*]
Wakodo 和光堂初生嬰兒奶粉	0.68 [*]

Remark :

^{*} Below Codex Standard. Risk assessment showed that according to the feeding suggestion on the label, biotin intake will be lower than the recommended intake suggested by the World Health Organization (i.e. 5 ug per day).

Test Result on Nutritional Composition of 14 Infant Formulae Included in the Preliminary Study

Composition /Nutrient	Unit	Codex standard	Cow & Gate Infant Formula 1	Snow Brand Smart Baby 1 Infant Formula with Iron	Mead Johnson Enfamil A+ Infant Formula with Iron 1	Wakodo(和光堂初生嬰兒奶粉)	Morinaga (森永初生嬰兒奶粉)	Abbott Similac infant formula 1	Wyeth S-26 Gold Infant Formula Milk Powder (1)
Energy	kcal/100g	[60-70kcal /100ml]	500	510	490	510	500	510	500
Protein	g/100kcal	1.8 - 3.0	2.1	2.3	2.3	2.3	2.3	2.2	2.2
Total fat	g/100kcal	4.4 - 6.0	4.9	5.1	4.8	5.2	5.0	5.3	5.3
Linoleic acid	mg/100kcal	300-1400*	860	960	900	780	820	1100	890
alpha-Linolenic acid	mg/100kcal	50 - NS	78	95	77	68	74	110	64
Total carbohydrates	g/100kcal	9.0 - 14.0	12	11	12	11	11	11	12
Vitamin A	ugRE/100kcal	60 - 180	110	100	180	94	89	100	98
Vitamin D3	ug/100kcal	1 - 2.5	1.4	1.9	1.5	1.7	1.6	1.5	1.9
Vitamin E	mg alpha-TE/100kcal	0.5 - 5*	2.5	1.7	2.6	0.92	1.3	3.2	1.7
Vitamin K	ug/100kcal	4 - 27*	8.2	7.3	12	2.8 ¹	4.3	9.5	11
Thiamin	ug/100kcal	60 - 300*	120	80	78	91	66	140	230
Riboflavin	ug/100kcal	80 - 500*	150	270	350	120	180	300	230
Niacin	ug/100kcal	300 -1500*	910	1200	950	1100	700	1100	940
Vitamin B6	ug/100kcal	35 - 175*	78	84	63	67	61	75	110
Vitamin B12	ug/100kcal	0.1 - 1.5*	0.45	0.41	0.44	0.51	0.45	0.48	0.29
Pantothenic acid	ug/100kcal	400 -2000*	470	660	700	510	1000	820	820
Folic acid	ug/100kcal	10 - 50*	27	13	21	17	28	21	37
Vitamin C	mg/100kcal	10 - 70*	16	17	18	12	11	18	13
Biotin	ug/100kcal	1.5 - 10*	4.4	3.5	4.4	<1 ³⁻	1.1 ¹	5.2	4.7
Iron	mg/100kcal	0.45 -NS	1.1	1.4	1.4	1.5	1.6	2.0	1.3
Calcium	mg/100kcal	50 - 140*	73	70	89	80	71	92	70
Phosphorus	mg/100kcal	25 - 100*	51	46	58	50	45	57	43
Magnesium	mg/100kcal	5 - 15*	8.5	7.9	8.8	8.1	9.6	9.1	9.2
Sodium	mg/100kcal	20 - 60	32	24	32	28	27	32	25
Chloride	mg/100kcal	50 - 160	71	55	86	57	55	68	72
Potassium	mg/100kcal	60 - 180	100	90	130	93	100	130	92
Manganese	ug/100kcal	1 - 100*	15	9.1	21	8.5	9.5	26	13
Iodine	ug/100kcal	10 - 60*	15	8.3 ¹⁻	14	1.2 ²⁻	2.4 ²⁻	27	14
Selenium	ug/100kcal	1 - 9*	3.3	1.1	2.2	1.2	1.8	2.2	3.5
Copper	ug/100kcal	35 - 120*	68	75	120	78	74	79	60
Zinc	mg/100kcal	0.5 - 1.5*	0.78	0.62	1.1	0.63	0.67	0.90	0.98
Choline	mg/100kcal	7 - 50*	18	13	20	12	12	14	12
Myo-Inositol	mg/100kcal	4 - 40*	4.9	6.0	9.2	7.0	11	6.1	6.3
L-Carnitine	mg/100kcal	1.2 - NS	1.6	2.7	2.5	1.8	2.5	2.5	2.2

Test Result on Nutritional Composition of 14 Infant Formulae Included in the Preliminary Study

Composition /Nutrient	Unit	Codex standard	Maeil Absolut e Stage 1	Friso gold infant formula 1	Earth's Best Organic Infant Formula with Iron	Meiji (明治 初生嬰兒奶粉)	Gilco Icerobalance Milk Powder	Gilbert Laboratoires Physioliac Infant milk 1	Nestle NAN HA 1
Energy	kcal/100g	[60-70kcal /100ml]	500	510	510	500	510	500	510
Protein	g/100kcal	1.8 - 3.0	2.4	2.1	2.3	2.4	2.4	2.2	2.4
Total fat	g/100kcal	4.4 - 6.0	4.8	5.2	5.2	4.9	5.1	5.0	5.1
Linoleic acid	mg/100kcal	300-1400*	1300	680	1100	890	820	1200	780
alpha-Linolenic acid	mg/100kcal	50 - NS	120	77	81	87	120	94	76
Total carbohydrates	g/100kcal	9.0 - 14.0	12	11	11	12	11	12	11
Vitamin A	ugRE/100kcal	60 - 180	91	120	120	99	94	70	110
Vitamin D3	ug/100kcal	1 - 2.5	1.9	2.1	1.8	1.4	2.1	2.4	1.2
Vitamin E	mg alpha-TE/100kcal	0.5 - 5*	1.4	2.4	2.4	1.5	1.3	2.1	1.7
Vitamin K	ug/100kcal	4 - 27*	8.7	7.7	9.0	2.1 ¹	5.4	8.1	6.4
Thiamin	ug/100kcal	60 - 300*	97	120	190	88	160	77	130
Riboflavin	ug/100kcal	80 - 500*	280	130	270	150	220	230	230
Niacin	ug/100kcal	300 -1500*	1300	800	1500	590	950	1200	880
Vitamin B6	ug/100kcal	35 - 175*	70	59	120	58	59	63	63
Vitamin B12	ug/100kcal	0.1 - 1.5*	0.85	0.36	0.49	0.35	0.39	0.48	0.51
Pantothenic acid	ug/100kcal	400 -2000*	1200	710	580	410	490	1000	320 ¹
Folic acid	ug/100kcal	10 - 50*	41	24	24	27	24	21	22
Vitamin C	mg/100kcal	10 - 70*	8.2 ¹	15	13	17	12	13	15
Biotin	ug/100kcal	1.5 - 10*	5.8	2.6	4.7	<1 ³⁻	1.3 ¹	2.7	2.4
Iron	mg/100kcal	0.45 -NS	1.3	1.1	2.0	1.4	1.5	0.93	0.80
Calcium	mg/100kcal	50 - 140*	67	84	77	75	76	100	67
Phosphorus	mg/100kcal	25 - 100*	49	51	53	47	54	77	40
Magnesium	mg/100kcal	5 - 15*	9.5	9.5	12	8.5	7.8	11	6.5
Sodium	mg/100kcal	20 - 60	24	33	27	23	26	31	29
Chloride	mg/100kcal	50 - 160	66	68	78	58	75	77	74
Potassium	mg/100kcal	60 - 180	89	100	96	93	91	96	91
Manganese	ug/100kcal	1 - 100*	15	8.3	23	5.9	3.0	9.5	21
Iodine	ug/100kcal	10 - 60*	13	9.6 ¹⁻	11	8.1 ¹⁻	12	8.6 ¹⁻	19
Selenium	ug/100kcal	1 - 9*	1.2	2.3	4.4	2.2	2.5	3.0	2.3
Copper	ug/100kcal	35 - 120*	70	70	82	65	77	59	73
Zinc	mg/100kcal	0.5 - 1.5*	0.89	0.98	1.1	0.71	0.70	1.1	0.94
Choline	mg/100kcal	7 - 50*	14	16	18	11	10	18	9.7
Myo-Inositol	mg/100kcal	4 - 40*	12	5.5	4.7	20	7.8	6.7	6.0
L-Carnitine	mg/100kcal	1.2 - NS	3.1	2.6	1.4	2.4	2.0	4.4	2.5

Note: NS= Not specified * Guidance upper level

Remark:

1. Below Codex standard, but risk assessment did not show health concern.
2. Risk assessment showed health concern.
3. No measured value for risk assessment, need re-testing.

~ Please refer to updated information on page 1.

在香港出售的嬰兒配方奶粉中驗出的碘含量 Tested Iodine Level in Infant Formulae Available in Hong Kong

28-12-2012 更新 (^ 新樣本或更新碘含量資料) Updated on 28-12-2012 (^ New sample or iodine content information updated)

1) 碘含量符合食品法典委員會標準 (每100千卡10至60微克或每100千焦2.5-14微克) 的嬰兒配方奶粉

註: 碘含量 (微克/100千卡) 是以嬰兒配方奶粉中驗出的碘值 (微克/每公斤) 及驗出或奶粉標籤上的能量值計算所得; * 初步研究中驗出的碘含量 (微克/100千卡)

1) Infant formulae meeting the Codex requirement on iodine content (10-60 mcg/100kcal or 2.5-14 mcg/100kJ)

Note: Iodine content (mcg/100kcal) is calculated using the tested iodine level of the infant formula by weight (mcg per kg) and the energy value tested or declared on the label. * Tested iodine content (mcg/100kcal) from preliminary study

	產品名稱 (英文) Product Name (English)	產品名稱 (中文) Product Name (Chinese)	重量	來源地 Country of Origin	碘含量 ^註	產品標示的碘值 (標示值/計算值) Iodine Value on Label (Declared/Calculated)	
			(克 g)		Iodine Content ^{Note}	(微克/100千卡) mcg/100kcal	(微克/100千卡) mcg/100kcal
1	Abbott Similac Infant Formula 1	雅培皇牌心美力初生嬰兒奶粉 1	900	愛爾蘭 Ireland	27 *	19.49	
2	Abbott Similac Isomil Soy Infant Formula 1	雅培皇牌愛心美 (豆奶配方) 1	900	荷蘭 The Netherlands	14.9	14.87	
3	Abbott Similac NeoSure	雅培加營心美力	370	西班牙 Spain	17.2	15.01	
4	Ausnutria Allnutria Infant Formula Milk Powder (2)	澳優能力多嬰兒配方奶粉2	800	澳洲 Australia	15.3		2.8-9.34
5	Ausnutria Allnutria New Birth Formula Milk Powder 1	澳優能力多初生嬰兒配方奶粉1	800	澳洲 Australia	17.7		2.75-9.16
6	Babynat Organic Infant Milk	-	900	法國 France	10.3	16.13	
7	Beingmate Newborn Formula 1	貝因美愛+新生兒配方奶粉 1	900	中國 China	13.3		3.3
8	Bellamy's Organic Infant Formula	-	900	澳洲 Australia	17.0		2.75-9.17
9	Bimbosan Bisoja Soy Infant Milk Powder	恩寶心嬰兒純豆奶粉 [罐裝]	450	瑞士 Switzerland	10.6	15.37	
10	Bimbosan Organic Baby Milk Powder	恩寶心百分百純有機奶粉	400	瑞士 Switzerland	13.3	14.42	
11	Cow & Gate Infant Formula 1	牛欄牌初生嬰兒奶粉 1	900	新西蘭 New Zealand	15 *		4.7
12	Cow & Gate Pepti-Junior	牛欄牌百佳力	400	荷蘭 The Netherlands	17.7	18.06	
13	Earth's Best Organic Infant Formula with Iron	-	658	美國 USA	11 *	9	
14	Friso Frisolac Gold Infant Formula 1	美素佳兒 美素力金裝嬰兒配方奶粉 1	900	荷蘭 The Netherlands	12.4	15.10	
15	Friso Gold Infant Formula 1	美素佳兒金裝嬰兒配方奶粉 1	900	荷蘭 The Netherlands	12.4	15.10	
16	Gilbert Laboratoires Physioloac - Hypo-Allergenic Formula	Physioloac 低敏嬰兒配方奶粉	400	法國 France	11.4	11.81	
17	Gilbert Laboratoires Physioloac Infant Milk 1	菲思力嬰兒配方奶粉 1	900	法國 France	10.5	15.87	
18	Gilco Icreo Balance Milk Powder	固力果愛力奧均衡奶粉 [罐裝]	1000	日本 Japan	12 *		
19	Glico (No English product name)	固力果ICREO細仔奶粉 [盒裝]	12.7g x 10	日本 Japan	19.1		
20	Growell EX1	高樂兒EX1初生嬰兒配方奶粉	750	韓國 Korea	25.1		2.78
21	HiPP Organic First Infant Milk 1	-	800	德國 Germany	16.1	15.67	
22	HiPP Organic Hungry Infant Milk 2	-	800	德國 Germany	13.8	15.22	
23	Holle Organic Infant Formula 1	-	400	德國 Germany	19.3	21.66	
24	Karihome Goat Infant Formula with Iron 1 (400g)	卡洛塔妮添加鐵質嬰兒羊奶粉1 (400g)	400	新西蘭 New Zealand	11.4	12.16	
25	Les Viva Organic Infant Formula	Les Viva 有機初生牛奶粉	800	新西蘭 New Zealand	11.7	37.61	
26	Maeil Absolute Stage 1	萬朝 Absolute 宮 Stage 1 有機嬰兒初乳奶粉	800	韓國 Korea	13 *	12	
27^	Maeil Absolute Stage 2	萬朝 Absolute 宮 Stage 2 有機嬰兒初乳奶粉	800	韓國 Korea	20	12	
28	Mead Johnson Enfamil A+ Infant Formula with Iron 1	美贊臣安嬰兒A+初生嬰兒配方奶粉 1	900	荷蘭 The Netherlands	14 *	13	
29	Mead Johnson Enfamil A+ LactoFree Infant Formula	美贊臣安嬰兒A+ 無乳糖配方	400	荷蘭 The Netherlands	21.2	25	
30	Meiji (No English product name)	明治初生嬰兒奶粉	850	日本 Japan	11.1		
31	Meiji (No English product name)	明治旅行粒裝奶粉 (5袋裝)	21.6g x 5	日本 Japan	10.3		
32	Milupa Aptamil First Milk 1	-	900	歐盟 EU	16.8	18.18	
33	Nature's Baby Formula (Stage 1)	利全嬰兒奶粉1	399	美國 USA	20.0	15	
34	Nature's Baby Formula (Stage N)	利全嬰兒奶粉 (階段N)	399	美國 USA	19.1	15.03	
35	Neoangelac Plus Infant Formula 1 (Acidified)	安琪兒 - 皇牌嬰兒奶粉1(酸化配方)	900	法國 France	35.4	34.45	
36	Neocate LCP	Neocate LCP 無敏配方奶粉	400	英國 United Kingdom	16.6	9.89	
37	Nestle AL110 Lactose-free Infant Formula	雀巢AL110無乳糖配方嬰兒奶粉	400	荷蘭 The Netherlands	15.1	13.52	
38	Nestle NAN HA 1	雀巢金裝能恩 NAN HA 1	900	德國 Germany	19 *	24.07	
39	Nestle NAN PRO Advanced Formula 1	雀巢金裝能恩 NAN PRO 升級配方1	800	德國 Germany	15.2	10.92	
40	Nutricia Karicare Gold + Infant Formula 1	黃金加強1段奶粉	900	新西蘭 New Zealand	19.6	18.57	
41	OZ Kids Infant Formula 1	澳啓初生嬰兒配方奶粉一階配方	900	澳洲 Australia	13.6		6
42	PBM Nutritionals Infant Formula for Newborns	美國皇牌智多健AAA	900	美國 USA	17.8		4.41

43	S-8 Komplex Infant Formula 1	智靈寶初生嬰兒奶粉1	900	瑞士 Switzerland	10.5	13.83	
44	Snow Brand Smart Baby 1 Infant Formula with Iron	雪印思敏兒1初生嬰兒奶粉	900	澳洲 Australia	10.0	9.63	
45	Symbiotics ImmunoMilk Infant Formula Milk Powder	善兒寶嬰兒初乳奶粉	900	新西蘭 New Zealand	12.9	11.99	
46	Topfer Lactana Organic Infant Milk 1	-	600	德國 Germany	21.6		2.5-14
47	TwoBebes Infant Milk 1	-	900	荷蘭 The Netherlands	14.7		3.2
48	Ustrong Infant Formula 1	優萌新西蘭奶粉1	900	新西蘭 New Zealand	29.4	13.33	
49	Wyeth Illuma Infant Formula Milk Powder (Stage 1)	-	900	愛爾蘭 Ireland	14.0	14.95	
50	Wyeth Nursoy GOLD Soy Protein Infant Formula Powder	惠氏金裝「愛兒素」大豆蛋白嬰兒配方粉	900	愛爾蘭 Ireland	18.8	17.79	
51	Wyeth Nursoy Soy Protein Infant Formula Powder	惠氏「愛兒素」豆類蛋白嬰兒配方奶粉	400	愛爾蘭 Ireland	18.1	17.69	
52	Wyeth S-26 Gold Infant Formula Milk Powder (1)	惠氏金裝「愛兒樂」初生嬰兒配方奶粉(1)	900	愛爾蘭 Ireland	14*	15.09	
53	Wyeth S-26 HA Gold Hypoantigenic Infant Formula Powder	惠氏金裝「愛兒樂」HA低敏嬰兒配方奶粉	900	愛爾蘭 Ireland	15.1	14.89	

2) 碘含量不符合食品法典委員會標準 (每100千卡10至60微克或每100千焦2.5-14微克) 的嬰兒配方奶粉

註: 食用下列配方奶粉無損健康。碘含量 (微克/100千卡) 是以嬰兒配方奶粉中驗出的碘值 (微克/每公斤) 及奶粉標籤上的能量值計算所得; # 碘含量符合出產國的標準

2) Infant formulae not meeting the Codex requirement on iodine content (10-60 mcg/100kcal or 2.5-14 mcg/100kJ);

Note: Consumption of these formulae pose no public health concern. Iodine content (mcg/100kcal) is calculated using the tested iodine level of the infant formula by weight (mcg per kg) and the energy value declared on the label. # Comply with the standar

	產品名稱 (英文) Product Name (English)	產品名稱 (中文) Product Name (Chinese)	重量	來源地 Country of Origin	碘含量 ^註	產品標示的碘值 (標示值/計算值) Iodine Level on Label (Declared/Calculated)	
			(克 g)		Iodine Content ^{Note}	(微克/100千卡) mcg/100kcal	(微克/100千卡) mcg/100kcal
1	Gilbert Laboratoires Osmolac-Diarrheic episode	Osmolac 適合肚瀉情況用嬰兒配方奶粉	400	法國 France	6.2 [#]	6.16	
2	Namyang XO Five Secret 1	南陽 - 5S林貝兒XO - 1 階段初生嬰兒配方奶粉	800	韓國 Korea	6.0 [#]	11.67	
3	Namyang XO Five Secret 2	南陽 - 5S林貝兒XO - 2 階段嬰兒配方奶粉	800	韓國 Korea	5.9 [#]	11.83	
4	Smileygrowth Infant Formula Whey Dominant 1	詩妙健全方位嬰兒配方 1	900	新西蘭 New Zealand	5.3 [#]		3.5

3) 碘含量不符合食品法典委員會標準 (每100千卡10至60微克或每100千焦2.5-14微克) 的嬰兒配方奶粉

註: 碘含量 (微克/100千卡) 是以嬰兒配方奶粉中驗出的碘值 (微克/每公斤) 及驗出或奶粉標籤上的能量值計算所得

3) Infant formulae not meeting the Codex requirement on iodine content (10-60 mcg/100kcal or 2.5-14 mcg/100kJ);

Note: Iodine content (mcg/100kcal) is calculated using the tested iodine level of the infant formula by weight (mcg per kg) and the energy value tested or declared on the label.

	產品名稱 (英文) Product Name (English)	產品名稱 (中文) Product Name (Chinese)	重量	來源地 Country of Origin	碘含量 ^註	產品標示的碘值 (標示值/計算值) Iodine Level on Label (Declared/Calculated)	
			(克 g)		Iodine Content ^{Note}	(微克/100千卡) mcg/100kcal	(微克/100千卡) mcg/100Kcal
1	Meiji (No English product name)	明治HP無乳糖配方奶粉	850	日本 Japan	1.8		
2	Morinaga (No English product name)	森永縮氨酸低敏奶粉 [罐裝]	820	日本 Japan	2.7		
3	Morinaga (No English product name)	森永細仔奶粉 [罐裝]	850	日本 Japan	3.9		
4	Morinaga (No English product name)	森永細仔奶粉 [盒裝]	13g x 10	日本 Japan	3.7		
5	Wakodo (No English product name)	和光堂初生嬰兒奶粉 [罐裝]	850	日本 Japan	2.1		
6	Wakodo (No English product name)	和光堂細仔奶粉 [盒裝]	13g x 10	日本 Japan	1.8		
7	WIOM Infant Formula Stage 1	-	900	新西蘭 New Zealand	3.8		

Annex 3

Ordinance / Subsidiary Legislation	Food Related Offence	Maximum Penalty
Sec. 52(1) of the Public Health & Municipal Services Ordinance (Cap. 132)	Sells to the prejudice of a purchaser food which is not of the nature / substance / quality demanded by the purchaser.	Fine at level 3 and imprisonment for 3 months
Sec. 54(1) of the Public Health & Municipal Services Ordinance (Cap. 132)	Sells / offers or exposes for sale of food unfit for human consumption, in possession of food unfit for human consumption for the purpose of sale or preparation for sale, or deposits with or consigns to any person for the purpose of sale or of preparation for sale food unfit for human consumption.	Fine at level 5 and imprisonment for 6 months
Sec. 61(1) of the Public Health & Municipal Services Ordinance (Cap. 132)	Gives with any food sold / displays with any food exposes for sale a label which falsely describes the food or is calculated to mislead.	Fine at level 5 and imprisonment for 6 months
Reg. 3 of the Colouring Matter in Food Regulations (Cap. 132, sub. leg. H)	Use of colouring matter other than permitted colouring matter.	Fine at level 5 and imprisonment for 6 months
Reg. 4 of the Dried Milk Regulations (Cap. 132, sub. leg. R)	Breaches the legal requirements of composition and description of dried milk.	Fine at level 5 and imprisonment for 6 months
Reg. 3 of the Sweeteners in Food Regulations (Cap. 132, sub. leg. U)	Restriction on sale / consignment / delivery / import of sweeteners.	Fine at level 5 and imprisonment for 6 months
Reg. 3(1) of the Food Adulteration (Metallic Contamination) Regulations, (Cap. 132, sub. leg. V)	Imports / consigns / delivers / manufactures / sells of food containing a specified metal at a level exceeding the maximum permitted concentration of such metal in a specific food type as stipulated in the Regulations.	Fine at level 5 and imprisonment for 6 months

Reg. 5(1) of the Food and Drugs (Composition and Labelling) Regulations (Cap. 132, sub. leg. W)	Advertises for sale / sells / manufactures for sale food which does not conform to the relevant requirements as to composition prescribed in Schedule 1 to the Regulations or which is not marked or labelled in a manner prescribed in Schedule 2 to the Regulations.	Fine at level 5 and imprisonment for 6 months
Reg. 5(1A) of the Food and Drugs (Composition and Labelling) Regulations (Cap. 132, sub. leg. W)	Sale of prepackaged food after the "use-by" date.	Fine at level 5 and imprisonment for 6 months
Reg. 4A(1) of the Food and Drugs (Composition and Labelling) Regulations (Cap. 132, sub. leg. W)	Sale of prepackaged food not marked and labelled in the manner prescribed in Schedule 3 to the Regulations.	Fine at level 5 and imprisonment for 6 months
Reg. 6 of the Frozen Confections Regulation (Cap. 132, sub. leg. AC)	Sells / offers or exposes for sale frozen confections which do not comply with the bacteriological standard.	Fine at level 3 and imprisonment for 3 months
Reg. 3 of the Harmful Substances in Food Regulations (Cap. 132, sub. leg. AF)	Import and sale of food containing certain substances in excessive concentrations.	Fine at level 5 and imprisonment for 6 months
Reg. 4 of the Imported Game, Meat and Poultry Regulations (Cap. 132, sub. leg. AK)	Import of meat, meat products and poultry without a permission in writing / an official certificate.	Fine at level 5 and imprisonment for 6 months
Sec. 5A of the Milk Regulation (Cap. 132, sub. leg. AQ)	Import of milk or milk beverage from a source of manufacture other than a source of manufacture which has been approved by the Director.	Fine at level 3 and imprisonment for 3 months
Sec. 6(1) of the Milk Regulation (Cap. 132, sub. leg. AQ)	Sale of milk / milk beverage which has been heat-treated more than once or does not comply with the bacteriological standard before and after heat treatment.	Fine at level 3 and imprisonment for 3 months
Reg. 3 of the Mineral Oil in Food Regulations (Cap. 132, sub. leg. AR)	Sale of food containing mineral oil.	Fine at level 5 and imprisonment for 6 months

Sec. 3 of the Preservatives in Food Regulation (Cap. 132, sub. leg. BD)	Imports / manufactures / sale of food which does not comply with the restrictions on food additives in the Regulation.	Fine at level 5 and imprisonment for 6 months
Reg. 4 of the Pesticide Residues in Food Regulations (Cap. 132, sub. leg. CM)	Import / sale of food containing pesticide residues exceeding the legal limits.	Fine at level 5 and imprisonment for 6 months
Sec. 4(1) of the Food Safety Ordinance (Cap. 612)	Contravention of requirement for food importers to be registered.	Fine at level 5 and imprisonment for 6 months
Sec. 5(1) of the Food Safety Ordinance (Cap. 612)	Contravention of requirement for food distributors to be registered.	Fine at level 5 and imprisonment for 6 months
Sec. 32(1) of the Food Safety Ordinance (Cap. 612)	Contravention of food safety orders	Fine at level 6 and imprisonment for 12 months