

Food (Amendment) Regulations 2010

GN No. 48 of 2010

Repealed by [\[GN No. 93 of 2009\]](#)

THE FOOD ACT

Regulations made by the Minister under section 18 of the Food Act

1. These regulations may be cited as the **Food (Amendment) Regulations 2010**.
2. In these regulations -

"principal regulations" means the Food Regulations 1999.
3. Regulation 23 of the principal regulations is amended -
 - (a) in the heading, by deleting the words ", food container or food appliance" and replacing them by the words "and food container";
 - (b) in paragraph (a), by deleting the words "appliance or";
 - (c) by revoking paragraph (c) and replacing it by the following paragraph -
 - (c) A person who applies for a pre-market approval permit shall furnish to the Permanent Secretary -
 - (i) an original certificate of analysis from an accredited laboratory from the country exporting the product, certifying the chemical composition and microbiological safety of the product; and
 - (ii) such other document or information, or such sample for analysis or examination, as the Permanent Secretary thinks fit.
 - (d) in paragraph (d), by deleting the words "appliance,".

4. The Fifty-Second Schedule to the principal regulations is revoked and replaced by the Schedule to these regulations.
5. These regulations shall be deemed to have come into force on 5 December 2010.

Made by the Minister on 29 January 2009.

SCHEDULE

[Regulation 4]

FIFTY-SECOND SCHEDULE

[Regulation 177(2)]

NUTRIENT LEVEL FOR INFANT FORMULA

		Amount per 100 available kilocalories		Amount per 100 available kilojoules	
		Minimum Amount	Maximum Amount	Minimum Amount	Maximum Amount
1.	Protein	1.8 g	3.0 g	0.45 g	0.7 g
2.	Fat/g ^{1,2}	4.4 g	6.0 g	1.05 g	1.4 g
3.	Essential fatty acids as linoleic acid ³	300 mg	N.P.	70 mg	N.P.
4.	Essential fatty acids as alpha-linolenic acid ³	50 mg	N.P.	12 mg	N.P.
5.	Carbohydrates/g ⁴	9.0	14.0	2.2	3.3
6.	Vitamin A	60 µg expressed as retinol equivalents (RE)	180 µg expressed as retinol equivalents (RE)	14 µg expressed as retinol equivalents (RE)	43 µg expressed as retinol equivalents (RE)
7.	Vitamin D	40 IU or 1 µg as calciferol	100 IU or 2.5 µg as calciferol	10 IU or 0.25 µg as calciferol	2.5 IU or 0.6 µg as calciferol
8.	Ascorbic Acid (Vitamin C)	10 mg	N.P.	2.5 mg	N.P.
9.	Thiamine (B1)	60 µg	N.P.	14 µg	N.P.
10.	Riboflavin (B2)	80 µg	N.P.	19 µg	N.P.
11.	Niacin ⁵	300 µg	N.P.	70 µg	N.P.
12.	Vitamin B6	35 µg	N.P.	8.5 µg	N.P.
13.	Folic Acid	10 µg	N.P.	2.5 µg	N.P.
14.	Pantothenic Acid	400 µg	N.P.	96 µg	N.P.
15.	Vitamin B12	0.1 µg	N.P.	0.025 µg	N.P.
16.	Vitamin K	4 µg	N.P.	1 µg	N.P.
17.	Biotin	1.5 µg	N.P.	0.4 µg	N.P.

18.	VitaminE	0.5 mg expressed as alpha – tocopherol equivalents	N.P.	0.12 mg expressed as alpha – tocopherol equivalents	N.P.
19.	Sodium	20 mg	60 mg	5 mg	14 mg
20.	Potassium	60 mg	180 mg	14 mg	43 mg
21.	Calcium ⁶	50 mg	N.P.	12 mg	N.P.
22.	Phosphorus ⁶	25 mg	N.P.	6 mg	N.P.
23.	Choline	7 mg	N.P.	1.7 mg	N.P.
24.	Iron	0.45 mg	N.P.	0.1 mg	N.P.
25.	Chloride	50 mg	160 mg	12 mg	38 mg
26.	Magnesium	5 mg	N.P.	1.2 mg	N.P.
27.	Iodine	10 µg	N.P.	2.5 µg	N.P.
28.	Zinc	0.5 mg	N.P.	0.12 mg	N.P.
29.	Copper	35 µg	N.P.	8.5 µg	N.P.
30.	Manganese	1.0 µg	N.P.	0.25 µg	N.P.
31.	Selenium	1.0 µg	N.P.	0.24 µg	N.P.

N.P. : Not prescribed

I.U : International Units

µg : Microgram

mg : Miligram

¹ Commercially hydrogenated oils and fats shall not be used in infant formula.

² Lauric and myristic acids are constituents of fats, but combined shall not exceed 20% of total fatty acids. The content of trans fatty acids shall not exceed 3% of total fatty acids. Trans fatty acids are endogenous components of milk fat. The acceptance of up to 3% of trans fatty acids is intended to allow for the use of milk fat in infant formulae. The erucic acid content shall not exceed 1% of total fatty acids. The total content of phospholipids should not exceed 300 mg/100 kcal (72 mg/100 kJ).

³ The linoleic acid: alpha-Linolenic acid ratio shall be not less than 5:1 and not more than 15:1.

⁴ Lactose and glucose polymers should be the preferred carbohydrates in formula based on cow's milk protein and hydrolysed protein. Only precooked and/or gelatinised starches gluten-free by nature may be added to Infant Formula up to 30% of total carbohydrates and up to 2g/100 ml

⁵ Niacin refers to preformed niacin.

Sucrose, unless needed, and the addition of fructose as an ingredient should be avoided in infant formula, because of potential life-threatening symptoms in young infants with unrecognised hereditary fructose intolerance.

⁶ The Ca:P ratio shall be not less than 1:1 and not more than 2:1.
