

**Voluntary Report** – Voluntary - Public Distribution

**Date:** November 07, 2022

**Report Number:** MO2022-0026

**Report Name:** WTO Notification on Maximum Limits of Contaminants in Food

**Country:** Morocco

**Post:** Rabat

**Report Category:** WTO Notifications, FAIRS Subject Report

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**Report Highlights:**

Morocco notified G/SPS/N/MAR/87 on October 17, 2022. The notification concerns Morocco's maximum limits of contaminants in food and food products. Comments are due no later than December 16, 2022. Note that the Government of Morocco approved the Joint Order and published it in the Official Bulletin #7136 on October 20, 2022. An unofficial translation is included in this report.

**General Information:** This report contains an unofficial translation of Morocco's draft joint order amending Joint Order of the Minister of Agriculture and Marine Fisheries and the Minister of Health [No. 1643-16 of 30 May 2016](#) concerning Morocco's maximum limits of contaminants in food and food products. Comments are due no later than December 16, 2022. Note that the Government of Morocco approved the Joint Order and published it in the [Official Bulletin #7136](#) on October 20, 2022. Post has highlighted the MRL changes from the [previous](#) regulation in yellow.

**An unofficial translation:**

**Joint order of the Minister of Agriculture, Maritime Fishing, Rural Development and Water and Forests and the Minister of Health and Social Protection No. .... of ..... (.....) amending and supplementing the joint order of the Minister of Agriculture and Maritime Fishing and the Minister of Health No. 1643-16 of 23 Sha'ban 1437 (May 30, 2016) setting the maximum permissible limits of contaminants in primary products and food products.**

**The Minister of Agriculture, Maritime Fisheries, Rural Development and Water and Forests**

**The Minister of Health and Social Protection,**

In view of the joint order of the Minister of Agriculture and Maritime Fishing and the Minister of Health No. 1643-16 of 23 Sha'ban 1437 (May 30, 2016) setting the maximum allowable limits of contaminants in primary products and food products, as amended,

DECIDE

ARTICLE ONE. - The Annex to the above-mentioned Joint Order No. 1643-16 is repealed and replaced by the Annex to this Joint Order.

ARTICLE 2. - This joint order will be published in the Official Bulletin.

Rabat, on ..... (.....)

**The Minister of Agriculture, Maritime Fisheries,  
rural development and water and forests**

**The Minister of Health and Social Protection**

**Joint order of the Minister of Agriculture, Maritime Fishing, Rural Development and Water and Forests and the Minister of Health and Social Protection No. .... of ..... (.....) amending and supplementing the joint order of the Minister of Agriculture and Maritime Fishing and the Minister of Health No. 1643-16 of 23 Sha'ban 1437 (May 30, 2016) setting the maximum permissible limits of contaminants in primary products and food products.**

**I. Nitrates**

Category	Primary product or foodstuff	Maximum levels (mg NO <sub>3</sub> /kg)
1.1	Fresh spinach ( <i>Spinacia oleracea</i> ), unless they are intended for processing	3500
1.2	Preserved, deep-frozen or frozen spinach	2000
1.3	Fresh lettuce ( <i>Lactuca sativa L.</i> ) (protected and open-grown lettuce, excluding lettuce listed in point 1.4) Harvest from October 1 <sup>st</sup> to March 31 <sup>st</sup> : - Lettuce grown under greenhouse shelter - Lettuce grown outdoors	5000
		4000
	Harvest from April 1 <sup>st</sup> to September 30: - Lettuce grown under greenhouse shelter - Lettuce grown outdoors	4000
		3000
1.4	"Iceberg" type lettuces - Lettuce grown under greenhouse shelter - Lettuce grown outdoors	2500
		2000
1.5	Rocket ( <i>Eruca sativa</i> , <i>Diplotaxis</i> sp., <i>Brassica tenuifolia</i> , <i>Sisymbrium tenuifolium</i> ) Harvested from October 1st to March 31st Harvested from April 1st to September 30th	7000
		6000
1.6	Processed cereal-based foods and baby foods for infants and young children	200

**II. Mycotoxins**

Category	Primary product or foodstuff	Maximum levels (µg /kg)		
		B <sub>1</sub>	Sum of B <sub>1</sub> , B <sub>2</sub> , G <sub>1</sub> and G <sub>2</sub>	M <sub>1</sub>
2.1	<b>Aflatoxins</b>			
2.1.1	Peanuts and other oil seeds, hazelnuts and nuts of Brazil to be subjected to sorting or other physical treatment prior to human consumption or use as food ingredients unless they are intended for crushing for the manufacture of refined vegetable oil	8.0	15.0	-
2.1.2	Almonds, pistachios and apricot kernels to be subjected to sorting or other physical treatment before human consumption or use as an ingredient in food products	12.0	15.0	-
2.1.3	Nuts, except those listed in 2.1.1 and 2.1.2, to be subjected to sorting or other physical treatment before human consumption or use as an ingredient in food products	5.0	10.0	-
2.1.4	Peanuts and other oil seeds and products derived therefrom for direct human consumption or use as an ingredient in food products except: - Crude vegetable oils intended for refining - Refined vegetable oils	2.0	4.0	-
2.1.5	Almonds, pistachios and apricot kernels intended for direct human consumption or use as an ingredient in foodstuffs	8.0	10.0	-
2.1.6	Hazelnuts and Brazil nuts intended for direct human consumption or use as an ingredient in food products	5.0	10.0	-
2.1.7	Nuts, except for those nuts listed in 2.1.5 and 2.1.6 and products derived from their processing intended for direct human consumption or use as an ingredient in food products	2.0	4.0	-
2.1.8	Dried fruit, other than dried figs, to be subjected to sorting or other physical treatment before human consumption or use as an ingredient in food products	5.0	10.0	-
2.1.9	Dried fruit, other than dried figs, and products derived therefrom, intended for direct human	2.0	4.0	-

	consumption or for use as food ingredients			
2.1.10	Dried figs	6.0	10.0	-
2.1.11	All cereals and cereal products, including processed cereal products, with the exception of food products listed in 2.1.12, 2.1.15 and 2.1.17	2.0	4.0	-
2.1.12	Corn and rice to be subjected to sorting or other physical treatment before human consumption or use as an ingredient in food products	5.0	10.0	-
2.1.13	Raw milk, heat-treated milk and milk for the manufacture of milk-based products	-	-	0.05
2.1.14	Following species of spices: <i>Capsicum spp.</i> (Dried fruit thereof, whole or in powder form, including peppers, chili powder, cayenne pepper and paprika) <i>Piper spp.</i> (Fruit thereof, including white and black pepper) <i>Myristica fragrans</i> (nutmeg) <i>Zingiber officinale</i> (ginger) <i>Curcuma longa</i> (Indian saffron) Mixtures of spices containing one or more of the abovementioned spices.	5.0	10.0	-
2.1.15	Processed cereal-based foods and baby foods for infants and young children.	0.10	-	-
2.1.16	Infant formulas and preparing formulas, including infant milk and follow-on milk	-	-	0.025
2.1.17	Dietary foods for special medical purposes, intended specifically for infants	0.10	-	0.025
<b>2.2</b>	<b>Ochratoxin A</b>	<b>Maximum levels (µg /kg)</b>		
2.2.1	Raw Cereals		5.0	
2.2.2	All products derived from unprocessed cereals, including processed cereals products and cereals intended for direct human consumption, except for food products listed in 2.2.9, 2.2.10 and 2.2.14		3.0	
2.2.3	Dried vine fruit (currants, sultanas and other dried raisins)		10.0	
2.2.4	Roasted coffee beans and ground roasted coffee, excluding soluble coffee		5.0	
2.2.5	Soluble coffee (instant coffee)		10.0	
2.2.6	Wine (including sparkling wine, excluding "vin de liqueur" wines, and wine with a minimum alcoholic strength by volume of 15%) and fruit wine.		2.0	
2.2.7	Aromatized wine, aromatized wine-based drinks and aromatized wine-product cocktails		2.0	
2.2.8	Grape juice, concentrated grape juice as reconstituted, grape nectar, grape must and concentrated grape as reconstituted, intended for direct human consumption		2.0	
2.2.9	Processed cereal-based foods and baby foods for infants and young children		0.5	
2.2.10	Dietary foods for special medical purposes, intended specifically for infants		0.5	
2.2.11	Spices, including dried <i>Piper spp.</i> (The fruits that come from it, including white pepper and black pepper) <i>Myristica fragrans</i> (nutmeg) <i>Zingiber officinale</i> (ginger) <i>Curcuma longa</i> (Indian saffron)		15	
	<i>Capsicum spp.</i> (Dried fruit, whole or powdered, including chillies, chili powder, cayenne pepper and paprika)		20	
	Mixtures of spices containing one of the aforementioned spices		15	
2.2.12	Licorice wood ( <i>Glycyrrhiza glabra</i> , <i>Glycyrrhiza inflata</i> and other species), infusion ingredient.		20	
2.2.13	Licorice extract ( <i>Glycyrrhiza glabra</i> , <i>Glycyrrhiza inflata</i> and other species), for use in food products, in particular beverages and confectionery.		80	
2.2.14	Wheat gluten not sold directly to the consumer		8	
<b>2.3</b>	<b>Patulin</b>	<b>Maximum levels (µg /kg)</b>		
2.3.1	Fruit juices, concentrated fruit juices as reconstituted and fruit nectars		50	
2.3.2	Spirit drinks, cider and other fermented drinks derived from apples or containing apple juice		50	
2.3.3	Products made from apple pieces, such as applesauce and applesauce, intended for direct consumption except for food products listed in 2.3.4 and 2.3.5		25	
2.3.4	Apple juice and apple chip products, such as applesauce and applesauce, intended for infants and young children and labeled and sold as such		10.0	
2.3.5	Baby foods other than processed cereal-based foods for infants and children.		10.0	
<b>2.4</b>	<b>Deoxynivalenol</b>	<b>Maximum levels (µg /kg)</b>		
2.4.1	Unprocessed cereals, other than durum wheat, oats, rice, and corn		1250	

2.4.2	Unprocessed durum wheat and oats	1750
2.4.3	Raw corn except raw corn for wet milling	1750
2.4.4	Cereals intended for direct human consumption, cereal flour, bran and germ as end product marketed for direct human consumption, with the exception of food products listed at items 2.4.7, 2.4.8 and 2.4.9 and rice products.	750
2.4.5	Dry pasta	750
2.4.6	Bread (including small bakery products), pastries, biscuits, cereal snacks and breakfast cereals	500
2.4.7	Processed cereal-based foods and baby foods for infants and young children	200
2.4.8	Corn milling fractions with a particle size > 500 microns	750
2.4.9	Corn milling fractions with a particle size ≤ 500 microns.	1250
<b>2.5</b>	<b>Zearalenone</b>	<b>Maximum levels (µg /kg)</b>
2.5.1	Raw cereals other than corn and rice	100
2.5.2	Raw corn except raw corn for wet milling	350
2.5.3	Cereals intended for direct human consumption, cereal flour, bran, and germ as end product marketed for direct human consumption, with the exception of foodstuffs listed in 2.5.6, 2.5.7, 2.5.8 and 2.5.9 and rice products	75
2.5.4	Refined corn oil	400
2.5.5	Bread (including small bakery products), pastries, biscuits, cereal snacks and breakfast cereals, excluding corn snacks and corn breakfast cereals	50
2.5.6	Maize intended for direct human consumption, maize-based snacks and maize based breakfast	100
2.5.7	Processed cereal-based foods and baby foods for infants and young children	20
2.5.8	Corn milling fractions with a particle size > 500 microns	200
2.5.9	Corn milling fractions with a particle size ≤ 500 microns.	200
<b>2.6</b>	<b>Fumonisin (sum B1 + B2)</b>	<b>Maximum levels (µg /kg)</b>
2.6.1	Raw corn except for unprocessed corn intended to be processed by wet milling	4000
2.6.2	corn intended for direct human consumption, corn-based foodstuffs intended for direct human consumption, except for food products listed in 2.6.3 and 2.6.4	1000
2.6.3	Maize based breakfast cereals and maize based snacks	800
2.6.4	Processed maize-based foods and baby food for infants and young children	200
2.6.5	Milling fractions of maize whose particle size Is> 500 microns	1400
2.6.6	Milling fractions of maize whose particle size is ≤ 500 microns	2000
<b>2.7</b>	<b>Ergot sclerotia (EU)</b>	<b>Maximum levels (g /kg)</b>
<b>2.7.1</b>	<b>Crude grains, except corn and rice</b>	<b>0.5</b>

### III. Metallic trace elements

Category	Primary product or foodstuff	Maximum levels (mg /kg)
<b>3.1</b>	<b>Lead</b>	
3.1.1	Raw milk, heat-treated milk and milk for the manufacture of milk-based products	0.02
3.1.2	Infant formulas and preparation formulas as follow:	0.02
	- Marketed as a powder	0.050
	- Marketed as a liquid	0.010
3.1.3	Cereal-based formulae and baby foods for infants and young children other than those referred to in (3.1.5)	0.050
3.1.4	Foods for Special Medical Purposes Intended Specifically for Infants and Young Children:	
	- Marketed as a powder	0.050
	- Marketed as a liquid	0.010
3.1.5	Beverages intended for and labelled and sold to infants and young children, other than those referred to in 3.1.2 and 3.1.4	
	- Marketed as liquids or intended to be reconstituted according to the manufacturer's instructions, including fruit juice	0.030
	- For preparation by infusion or decoction	1.5
3.1.6	Meat of bovine animals, sheep, pig and poultry (excluding offal)	0.1
3.1.7	Offal of bovine animals, sheep, pig and poultry	0.5
3.1.8	Muscle meat of sea fish	0.3
3.1.9	Crustaceans: muscle meat of appendages and abdomen. In the case of crabs and crab type crustaceans ( <i>Brachyura</i> and <i>Anomura</i> ), muscle meat of appendages.	0.5
3.1.10	Bivalve molluscs	1.5
3.1.11	Cephalopods (without viscera)	0.30

3.1.12	Cereals and pulses	0.20
3.1.13	Vegetables, excluding leafy greens, salsify, leafy vegetables, herbs, mushrooms and seaweed. And fruit vegetables.	0.10
3.1.14	Brassicas, leaf vegetables and following fungi: <i>Agaricus bisporus</i> (Portobello mushroom), <i>Pleurotus ostreatus</i> (oyster mushroom), <i>Lentinula edodes</i> (Shiitake)	0.30
3.1.15	Vegetables and fruits:	
	- Sweet corn	0.10
	- Other sweet corn	0.05
3.1.16	Fruits, excluding berries and small fruits	0.10
3.1.17	Berries and small fruits	0.20
3.1.18	Oils and fats, including milk fats	0.10
3.1.19	Fruit juices, reconstituted concentrated fruit juices and fruit nectars:	
	- Made exclusively from berries and other small fruits	0.05
	- Made from fruits other than berries and other small fruits	0.03
3.1.20	Wines (including sparkling wines, excluding liqueur wines), ciders, perry and fruit wines	0.2
3.1.21	Aromatized wines, aromatized wine-based drinks, and aromatized wine product cocktails	0.2
3.1.22	Food supplements	3.0
3.1.23	Honey	0.1
3.1.24	Salt	1
3.1.25	Canned tomatoes	0.05
3.1.26	Jams, jellies and marmalades	0.4
3.1.27	Table olives	0.4
3.1.28	Canned fruits	0.1
3.1.29	Dried spices:	
	- Spices from fruits	0.60
	- Spices from roots or rhizomes	1.50
	- Spices from bark	2.0
	- Spices from flower buds and pistils	1.0
	- Spices from seeds	0.90
<b>3.2</b>	<b>Cadmium</b>	<b>Maximum levels (mg /kg)</b>
3.2.1	Vegetables and fruit, excluding root and tuber vegetables, leaf vegetables, herbs, cabbages, stem-vegetables, mushrooms, and seaweed	0.05
3.2.2	Root vegetables and tuber vegetables (excluding celeriac, parsnips, salsify and horseradish), stem vegetables (excluding celery). For potatoes, the maximum level applies to peeled potatoes.	0.10
3.2.3	Leafy vegetables, celery, celery, parsnips, salsify, horseradish and mushrooms: <i>Agaricus bisporus</i> (Portobello mushroom), <i>Pleurotus ostreatus</i> (oyster mushroom oyster mushroom), <i>Lentinula edodes</i> (Shiitake)	0.2
3.2.4	Mushrooms, excluding those listed in 3.2.3	1.0
3.2.5	Cereal grains, excluding wheat and rice	0.1
3.2.6	Wheat grains, rice grains, wheat bran and wheat germ for direct consumption, soya beans	0.2
3.2.7	Specific cocoa and chocolate products, listed below:	
	- Milk chocolate with < 30% total dry cocoa solids	0.1
	- Chocolate with < 50% total dry cocoa solids	0.3
	- Milk chocolate with ≥ 30% total cocoa solids	0.3
	- Chocolate with ≥ 50% total cocoa solids	0.8
	- Cocoa powder sold to the final consumer or as an ingredient in sweetened cocoa powder sold to the final consumer (chocolate drink)	0.6
3.2.8	Meat of bovine animals, sheep, pig and poultry (excluding offal)	0.05
3.2.9	Horsemeat, excluding offal	0.2
3.2.10	Livers of bovine animals, sheep, pig, poultry and horse	0.5
3.2.11	Kidneys of bovine animals, sheep, pig, poultry and horse	1.0
3.2.12	Muscle meat of sea fish, excluding the species listed in 3.2.13, 3.2.14 and 3.2.15	0.05
3.2.13	Muscle meat of the following fish: mackerel ( <i>Scombersp</i> ), tuna ( <i>Thunnussp</i> , <i>Katsuwonus pelamis</i> , <i>Euthynnussp</i> ), Bichique ( <i>Sicyopterus Lagocephalus</i> )	0.1
3.2.14	Muscle meat of the following fish: <i>bullet tune</i> ( <i>Auxis</i> species)	0.15
3.2.15	Muscle meat of the following fish: anchovy ( <i>Engraulis sp.</i> ), swordfish ( <i>Xiphias gladius</i> ), sardine	0.25

	( <i>Sardina Pilchardus</i> )	
3.2.16	Crustaceans: muscle meat of appendages and abdomen. For crabs and crab type crustaceans ( <i>Brachyura</i> and <i>Anomura</i> ), muscle meat of appendages.	0.5
3.2.17	Bivalve molluscs except oysters and mussels	1.0
3.2.17 bis	Oysters and mussels	2.0
3.2.18	Cephalopods (without viscera)	1.0
3.2.19	Infant formulas and follow-on formulas:	
	- Powdered formulas based on cow's milk proteins or protein hydrolysates	0.01
	- Powdered formulas based on soy protein isolates, alone or in combination with cow's milk proteins	0.005
	- Powdered formulas based on soy protein isolates, alone or in combination with cow's milk proteins	0.02
	- Liquid formulas made from soy protein isolates, alone or in combination with cow's milk proteins	0.01
3.2.20	Processed cereal based foods and baby foods for infants and young children	0.04
3.2.21	Food supplements, excluding those listed in 3.2.23	1.0
3.2.22	Dietary supplements composed exclusively or mainly of dried seaweed, products derived from seaweed, or dried bivalve mollusks	3.0
3.2.23	Pulses	0.1
3.2.24	Salt	0.5
<b>3.3</b>	<b>Mercury</b>	<b>Maximum levels (mg/kg)</b>
3.3.1	Fishery products and muscle meat of sea fish, excluding the species listed in 3.3.2. And 3.3.3. The maximum level for crustaceans applies to the muscle meat of the appendages and the abdomen. For crab and crab-type crustaceans ( <i>Brachyura</i> and <i>Anomura</i> ), it applies to the muscle meat of the appendages.	0.5
3.3.2	Muscle meat of the following fishes: Anglerfish ( <i>Lophius species</i> ) Catfish ( <i>Anarhichas lupus</i> ) Bonito ( <i>Sarda sarda</i> ) Eel ( <i>Anguilla species</i> ) Emperor, orange roughy or Mediterranean roughy ( <i>Hoplostethus species</i> ) Rock grenadier ( <i>Coryphaenoides rupestris</i> ) Halibut ( <i>Hippoglossus hippoglossus</i> ) Cape abadeche ( <i>Genypterus capensis</i> ) Marlin ( <i>Makaira species</i> ) Megrin ( <i>Lepidorhombus species</i> ) Mullet ( <i>Mullus species</i> ) Rose ( <i>Genypterus blacodes</i> ) Palometre ( <i>Orcynopsis unicolor</i> ) Mediterranean capelin ( <i>Tricopterus minutus</i> ) Common pailona ( <i>Centroscymnes coelolepis</i> ) Skates ( <i>Raja species</i> ) Large redfish ( <i>Sebastes marinus</i> , <i>S. mentella</i> , <i>S. viviparus</i> ) Sailfish ( <i>Istiophorus platypterus</i> ) Swordfish ( <i>Lepidopus caudatus</i> , <i>Aphanopus carbo</i> ) Sea bream, pageot ( <i>Pagellus species</i> ) Sharks ( <i>all species</i> ) Black or stromate escolar, rouvet, snake escolar ( <i>Lepidocybium flavobrunneum</i> , <i>Ruvettus pretiosus</i> , <i>Gempylus serpens</i> ) Sturgeon ( <i>Acipenser species</i> ) Swordfish ( <i>Xiphias gladius</i> ) Tuna ( <i>Thunnus species</i> , <i>Euthynnus species</i> , <i>Katsuwonus pelamis</i> ) Pike ( <i>Esox lucius</i> )	1.0
3.3.3	Food supplements	0.1
3.3.4	Salt	0.1
<b>3.4</b>	<b>Inorganic tin</b>	<b>Maximum levels (mg/kg)</b>
3.4.1	Canned food other than beverages	200
3.4.2	Canned beverages, including fruit juices and vegetable juices	100

3.4.3	Canned baby foods and processed cereal-based foods for infants and young children, excluding dried and powdered products	50
3.4.4	Canned infant formulas and prepared formulas (including infant milk and follow-on milk), excluding dried and powdered products	50
3.4.5	Canned dietetic foods for special medical purposes, intended specifically for infants, excluding dried and powdered products	50
3.4.6	Salted beef	50
3.4.7	Cooked salted ground meat	50
3.4.8	Luncheon	50
<b>3.5</b>	<b>Arsenic (inorganic)</b>	<b>Maximum levels (mg/kg)</b>
3.5.1	Rice, husked	0.35
3.5.2	Rice, polished	0.35
3.5.3	Puffed rice cakes, rice sheets, rice crackers and rice flour cakes	0.30
3.5.4	Rice to produce food products for infants and young children	0.1
<b>3.6</b>	<b>Arsenic (total)</b>	<b>Maximum levels (mg/kg)</b>
3.6.1	Salt	0.5
3.6.2	Edible fats and oils	0.1
3.6.3	Spreadable fats	0.1

#### IV. 3-monochloropropane-1,2-diol (3-MCPD), 3 MCPD fatty acids and glycidol fatty acid esters

Category	Primary product or food products	Maximum levels (µg /kg)
<b>4.1</b>	<b>3-monochloropropanediol (3-MCPD)</b>	
4.1.1	Hydrolyzed vegetable protein	20
4.1.2	Soy sauce	20
<b>4.2</b>	<b>Fatty acid esters of glycidol, expressed as glycidol</b>	
4.2.1	Vegetable oils and fats, fish oils and oils from other marine organisms, placed on the market for sale to the final consumer or for use as an ingredient in food products, excluding food products referred to in 4.2.2 and virgin olive oils	1000
4.2.2	Vegetable oils and fats, fish oils and oils from other marine organisms, intended to produce baby food products and cereal-based formulas for infants and young children	500
4.2.3	Infant formulas, preparation formulas, food products for special medical purposes for infants and young children and formulas for young children (powder)	50
4.2.4	Infant formulas, preparation formulas, food products for special medical purposes for infants and young children and formulas for young children (liquid)	6.0
<b>4.3</b>	<b>Sum of 3-monochloropropanediol (3-MCPD) and its fatty acid esters, expressed as 3-MCPD</b>	
4.3.1	Vegetable oils and fats, fish oils and oils from other marine organisms, placed on the market for sale to the final consumer or for use as an ingredient in food products of the following categories, excluding food products of the following categories, excluding food products of point 4. 3.2 and olive oils of food products referred to in point 4.3.2 and virgin olive oils:	
	- Vegetable oil and coconut fats, corn, rapeseed, sunflower, soybean, palm kernel and olive oils (composed of sunflower, soybean, palm kernel and olive oils (composed of refined olive oil and virgin olive oil) and mixtures of oils and fats with oils and fats falling only in this category of oils and fats falling only in this category	1250
	- Other vegetable oils [including olive-pomace oils], fish oils and oils from other marine organisms and mixtures of oils and fats with marine organisms and mixtures of oils and fats with oils and fats falling only in this category	2500
4.3.2	Vegetable oils and fats, fish oils and oils from other marine organisms to produce baby food products and cereal-based infant and young child formulas	750
4.3.3	Infant formulas, preparation formulas, food products for special medical purposes for infants and young children and food products for special medical purposes for infants and young children and food products for young children (powder)	125
4.3.4	Infant formulas, preparation formulas, food products for special medical purposes for infants and young children and formulas for infants and young children (liquids)	15



## V. Dioxins and PCBs

Category	Primary Product or Food Products	Maximum levels		
		Sum of dioxins (WHO PCDD/F- TEQ)	Sum of dioxins and dioxinlike PCBs (WHO-PCDD/F- PCB-TEQ)	Sum of PCB28, PCB52, PCB101, PCB138, PCB153 and PCB180
5.1	Meat and meat products (excluding edible offal), including their fat, derived from the following animals:			
	- bovine animals and sheep	2.5 pg/g fat	4.0 pg/g fat	40 ng/g fat
	- poultry	1.75 pg/g fat	3.0 pg/g fat	40ng/g of fat
	- pork	1.0 pg/g fat	1.25 pg/g fat	40ng/g of fat
5.2	Livers of terrestrial animals referred to in 5.1, except for livers of sheep and products thereof	0.30 pg/g fresh weight	0.50 pg/g fresh weight	3.0 ng/g fresh weight
5.3	Livers of sheep and products thereof	1.25 pg/g fresh weight	2.00 pg/g fresh weight	3.0 pg/g fresh weight
5.4	Muscle meat of sea fish, fishery products and products thereof, excluding: <ul style="list-style-type: none"> <li>- wild caught eel,</li> <li>- wild caught freshwater fish, except diadromous fish species caught in freshwater,</li> <li>- wild caught spiny dogfish (<i>Squalus acanthias</i>),</li> <li>- fish liver and products derived from its processing,</li> <li>- marine oils</li> </ul> <p>The maximum limit for crustaceans applies to the muscle meat of the appendages and abdomen. In the case of crabs and crab-like crustaceans (<i>Brachyura</i> and <i>Anomura</i>), it applies to the muscle meat of the appendages.</p>	3.5 pg/g fresh weight	6.5 pg/g fresh weight	75 ng/g fresh weight
5.5	Muscle meat of wild freshwater caught fish, except diadromous fish species caught in freshwater, and products	3.5 pg/g fresh weight	3.5 pg/g fresh weight	3.5 ng/g fresh weight
5.6	Muscle meat of wild caught eel ( <i>Anguilla anguilla</i> )	3.5 pg/g fresh weight	10.0 pg/g fresh weight	300 ng/g fresh weight
5.7	Fish liver and processed products thereof, excluding marine oils referred to in 5.8	-	20.0 pg/g fresh weight	200 ng/g fresh weight
5.8	Marine oils (fish body oil, fish liver oil and oils of other marine organisms intended for human consumption)	1.75 pg/g fresh weight	6.0 pg/g fresh weight	200 ng/g fresh weight
5.9	Raw milk and dairy products, including butterfat	2.5 pg/g fresh weight	5.5 pg/g fresh weight	40 ng/g fresh weight
5.10	Chicken eggs and egg products	2.5 pg/g fresh weight	5.0 pg/g fresh weight	40 ng/g fresh weight
5.11	Mixed animal fats	1.5 pg/g fresh weight	2.5 pg/g fresh weight	40 ng/g fresh weight
5.12	Vegetable oils and fats	0.75 pg/g fresh weight	1.25 pg/g fresh weight	40 ng/g fresh weight
5.13	Foodstuffs for infants and young children	0.1 pg/g wet weight	0.2 pg/g wet weight	1.0 ng/g wet weight

## VI. Polycyclic Aromatic Hydrocarbons

Category	Primary product or foodstuff	Maximum levels ( $\mu\text{g}/\text{kg}$ )	
		Benzo(a)pyrene	Sum of benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene and chrysene
6.1	Oils and fats (excluding cocoa butter and coconut oil) intended for direct human consumption or use as an ingredient in food products	2.0	10.0
6.2	Cocoa Beans and products thereof	5.0	30.0
6.3	Coconut oil intended for direct human consumption or use as an ingredient for foods	2.0	20.0
6.4	Smoked meats and smoked meat products	2.0	12.0
6.5	Muscle meat of smoked fish and smoked fishery products, excluding the fishery products listed in 6.6 and 6.7. The maximum level for smoked crustaceans applies to the muscle meat of the appendages and the abdomen. In the case of crabs and smoked crabtype crustaceans ( <i>Brachyura</i> and <i>Anomura</i> ), it applies to the muscle meat of the appendages.	2.0	12.0
6.6	Smoked sprat and canned sprat ( <i>Sprattus sprattus</i> )	5.0	30.0
6.7	Grilled or barbecued cooked meat and Grilled or barbecued meat products, sold to the final consumer	5.0	30.0
6.8	Bivalve molluscs (fresh, chilled or frozen)	5.0	30.0
6.9	Bivalve molluscs (smoked)	5.0	30.0
6.10	Processed cereal-based food and baby food for infants and young children	1.0	1.0
6.11	Infant formulas and follow-on formulas, including infant milk and follow-on milk	1.0	1.0
6.12	Dietary foods for special medical purposes intended specifically for infants.	1.0	1.0
6.13	Cocoa fiber and products derived from cocoa fiber for use as ingredients in food products	3.0	15.0
6.14	Banana Chips	2.0	20.0
6.15	Food supplements containing botanical substances and their preparations Food supplements containing propolis, royal jelly, spirulina or their preparations	10.0	50.0
6.16	Dried herbs	10.0	50.0
6.17	Dried spices except cardamom and smoked Capsicum spp.	10.0	50.0
6.18	Powdered food products of plant origin for the preparation of beverages, with the exception of the products referred to in points 6.2 and 6.13 referred to in points 6.2 and 6.13	10.0	50.0

## VII. Melamine and structural analogues

Category	Primary product or food products	Maximum levels (mg /kg)
7.1	Melamine	
7.1.1	All food products, except infant formula and preparation formula	20.0
7.1.2	Powdered infant and preparation formulas	50.0
7.1.3	Infant formulas in liquid form	35.0

## VIII. Endogenous plant toxins

Category	Primary product or food products	Maximum levels (g /kg)
8.1	Erucic acid, including erucic acid bound in fat	
8.1.1	Camelina oil, mustard oil and borage oil	20.0
8.1.2	Powdered food products of plant origin for the preparation of beverages, with the exception of the products referred to in points 6.2 and 6.13 referred to in points 6.2 and 6.13	50.0
8.1.3	Mustard (condiment)	35.0

Category	Primary product or food products	Maximum levels (µg /kg)	
8.2	<i>Tropanic alkaloids</i>		
		Atropine	Scopolamine
8.2.1	Cereal-based formulas and foods for infants and young children containing millet, sorghum, buckwheat, or products derived therefrom	1.0 µg /kg	1.0 µg /kg

Category	Primary product or food products	Maximum levels (mg /kg)
8.3	<i>Hydrocyanic acid, including hydrocyanic acid bound in cyanogenic glycosides</i>	
8.3.1	Unprocessed apricot kernels, whole, crushed, ground or broken, which are placed on the market for sale to the final consumer	20.0
8.3.2	Gari	2
8.3.3	Manioc flour	10

## VIII. Perchlorates

Category	Primary product or food products	Maximum levels (mg /kg)
9	<i>Perchlorates</i>	
9.1	Fruits and vegetables excluding: - Cucurbitaceae and curly kale - Cucurbitaceae and curly kale	0.05 0.10 0.50
9.2	Tea ( <i>Camellia sinensis</i> ) Infusions of plants and dried fruits	0.75
9.3	Infant formulas, preparation formulas and food products for special medical purposes for infants and formulas for young children	0.01
9.4	Baby food	0.02
9.5	Processed cereal-based foods	0.01

## X. Acrylamide

Category	Primary product or food products	Alert threshold [µg/kg]	Deadline for application of alert thresholds
10.1	French fries (ready to eat)	500	5 years
10.2	Potato chips made from fresh potatoes and potato paste Potato crackers Other potato products obtained from potato dough	750	5 years
10.3	Bread (wet breading) :		5 years
	Wheat-based bread	50	5 years
	Bread (wet breading) other than wheat-based bread	100	5 years
10.4	Breakfast cereals (excluding oatmeal)		5 years
	- bran and whole grain products, air-popped grains	300	5 years
	- wheat and rye based products	300	5 years
	- corn, oat, spelt, barley and rice products	150	
10.5	Cookies and wafers	350	5 years
	Crackers, except potato-based crackers	400	5 years
	Crunchy bread	350	5 years
	Spiced bread	800	5 years
	Products comparable to other products in this category	300	5 years
10.6	Roasted coffee	400	5 years
10.7	Instant coffee (soluble)	850	5 years
10.8	Coffee substitutes:		5 years
	(a) Coffee substitutes obtained solely from cereals	500	5 years
	(b) Coffee substitutes obtained from a mixture of cereals and chicory	-	5 years
	(c) Coffee substitutes obtained only from chicory	4000	5 years
10.9	Baby food products, cereal-based preparations for infants and young children, excluding cookies and rusks	40	5 years
10.10	Cookies and crackers for infants and young children	150	5 years

**Attachments:**

No Attachments.