

CODEX GENERAL STANDARD FOR FOOD ADDITIVES

TABLE ONE

Additives Permitted for Use Under Specified Conditions in Certain Food Categories or Individual Food Items



ACESULFAME POTASSIUM

Acesulfame Potassium

INS: 950

Function: Flavour Enhancer, Sweetener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 500 mg/kg | | 6 | |
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | 500 mg/kg | | 3 | |
| 01.3.2 | Beverage whiteners | 2000 mg/kg | | 3 | |
| 01.4 | Cream (plain) and the like | 1000 mg/kg | | 3 | |
| 01.5 | Milk powder and cream powder and powder analogues (plain) | 3000 mg/kg | | 3 | |
| 01.5.1 | Milk powder and cream powder (plain) | GMP | | 6 | |
| 01.6.1 | Unripened cheese | 500 mg/kg | | 3 | |
| 01.6.5 | Cheese analogues | 350 mg/kg | | 3 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 1000 mg/kg | | 6 | |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | 1000 mg/kg | | 3 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 1000 mg/kg | | 6 | |
| 03.0 | Edible ices, including sherbet and sorbet | 800 mg/kg | | 6 | |
| 04.1.2.1 | Frozen fruit | 500 mg/kg | | 6 | |
| 04.1.2.2 | Dried fruit | 500 mg/kg | | 6 | |
| 04.1.2.3 | Fruit in vinegar, oil, or brine | 200 mg/kg | | 6 | |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | 500 mg/kg | | 6 | |
| 04.1.2.5 | Jams, jellies, marmelades | 1000 mg/kg | | 6 | |

ACESULFAME POTASSIUM

Function: Flavour Enhancer, Sweetener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|------|------|
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | 1000 mg/kg | | 6 | |
| 04.1.2.7 | Candied fruit | 500 mg/kg | | 6 | |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 1000 mg/kg | | 6 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 1000 mg/kg | | 6 | |
| 04.1.2.10 | Fermented fruit products | 1000 mg/kg | | 3 | |
| 04.1.2.11 | Fruit fillings for pastries | 1000 mg/kg | | 6 | |
| 04.1.2.12 | Cooked fruit | 500 mg/kg | | 6 | |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 1000 mg/kg | | 3 | |
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 350 mg/kg | | 6 | |
| 04.2.2.5 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed purees and spreads (e.g., peanut butter) | 2500 mg/kg | | 6 | |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 350 mg/kg | | 6 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 1000 mg/kg | | 3 | |
| 05.1.1 | Cocoa mixes (powders) and cocoa mass/cake | 2500 mg/kg | | 6 | |
| 05.1.2 | Cocoa mixes (syrups) | 500 mg/kg | | 6 | |
| 05.1.3 | Cocoa-based spreads, including fillings | 2500 mg/kg | | 6 | |
| 05.1.4 | Cocoa and chocolate products | 2000 mg/kg | | 3 | |
| 05.1.5 | Imitation chocolate, chocolate substitute products | 2500 mg/kg | | 6 | |
| 05.2.1 | Hard candy | 3500 mg/kg | | 6 | |
| 05.2.2 | Soft candy | 2500 mg/kg | | 6 | |
| 05.2.3 | Nougats and marzipans | 2500 mg/kg | | 6 | |
| 05.3 | Chewing gum | 5000 mg/kg | | 6 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 500 mg/kg | | 6 | |
| 06.1 | Whole, broken, or flaked grain, including rice | 300 mg/kg | | 3 | |
| 06.3 | Breakfast cereals, including rolled oats | 1200 mg/kg | | 6 | |
| 06.4.2 | Dried pastas and noodles and like products | 200 mg/kg | | 3 | |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 200 mg/kg | | 3 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 350 mg/kg | | 6 | |

ACESULFAME POTASSIUM

Function: Flavour Enhancer, Sweetener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|---------|------|
| 07.1 | Bread and ordinary bakery wares | 1000 mg/kg | | 3 | |
| 07.2.1 | Cakes, cookies and pies (e.g., fruit-filled or custard types) | 1000 mg/kg | | 6 | |
| 07.2.2 | Other fine bakery products (e.g., doughnuts, sweet rolls, scones, and muffins) | 2000 mg/kg | | 6 | |
| 07.2.3 | Mixes for fine bakery wares (e.g., cakes, pancakes) | 1000 mg/kg | | 6 | |
| 09.3 | Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms | 600 mg/kg | | 6 | |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 600 mg/kg | | 3 | |
| 10.4 | Egg-based desserts (e.g., custard) | 350 mg/kg | | 6 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 1000 mg/kg | | 6 | |
| 11.6 | Table-top sweeteners, including those containing high-intensity sweeteners | 15000 mg/kg | | 3 | |
| 12.2 | Herbs, spices, seasonings and condiments (e.g., seasoning for instant noodles) | 2000 mg/kg | | 3 | |
| 12.3 | Vinegars | 2000 mg/kg | | 3 | |
| 12.4 | Mustards | 350 mg/kg | | 6 | |
| 12.5 | Soups and broths | 110 mg/kg | | 6 | |
| 12.6.1 | Emulsified sauces (e.g., mayonnaise, salad dressing) | 1000 mg/kg | | 6 | |
| 12.6.2 | Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy) | 500 mg/kg | | 6 | |
| 12.6.3 | Mixes for sauces and gravies | 1000 mg/kg | | 6 | |
| 12.6.4 | Clear sauces (e.g., fish sauce) | 500 mg/kg | | 6 | |
| 12.7 | Salads (e.g., macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories 04.2.2.5 and 05.1.3 | 1000 mg/kg | | 6 | |
| 13.1.3 | Formulae for special medical purposes for infants | 450 mg/kg | | 3 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 450 mg/kg | | 6 | |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 450 mg/kg | | 6 | |
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | 1000 mg/kg | | 3 | |
| 13.6 | Food supplements | 2000 mg/kg | | 6 | |
| 14.1.2.2 | Vegetable juice | 600 mg/kg | | 6 | |
| 14.1.2.4 | Concentrates for vegetable juice | 3000 mg/kg | Note 14 | 3 | |
| 14.1.3.1 | Fruit nectar | 350 mg/kg | | Adopted | 2005 |
| 14.1.3.3 | Concentrates for fruit nectar | 350 mg/kg | Note 127 | Adopted | 2005 |
| 14.1.3.4 | Concentrates for vegetable nectar | 2500 mg/kg | Note 14 | 3 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 600 mg/kg | | 6 | |

ACESULFAME POTASSIUM

Function: Flavour Enhancer, Sweetener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|------|------|
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 600 mg/kg | | 3 | |
| 14.2.1 | Beer and malt beverages | 350 mg/kg | | 6 | |
| 14.2.2 | Cider and perry | 350 mg/kg | | 6 | |
| 14.2.3 | Grape wines | 500 mg/kg | | 3 | |
| 14.2.4 | Wines (other than grape) | 500 mg/kg | | 3 | |
| 14.2.5 | Mead | 500 mg/kg | | 3 | |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | 350 mg/kg | | 3 | |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 500 mg/kg | | 3 | |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 1000 mg/kg | | 6 | |
| 15.2 | Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit) | 1000 mg/kg | | 6 | |
| 15.3 | Snacks - fish based | 350 mg/kg | | 6 | |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 350 mg/kg | | 3 | |

ACETIC ACID, GLACIAL

Acetic Acid, Glacial

INS: 260

Function: Acidity Regulator, Preservative

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|---------|------|
| 01.2.1 | Fermented milks (plain) | GMP | | 7 | |
| 01.6.6 | Whey protein cheese | GMP | | Adopted | 2006 |
| 02.1.2 | Vegetable oils and fats | 5000 mg/kg | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 5000 mg/kg | | 7 | |
| 04.2.1 | Fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 4 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | | 7 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 10.2.1 | Liquid egg products | GMP | | 7 | |
| 10.2.2 | Frozen egg products | GMP | | 7 | |

ACETIC ACID, GLACIAL

Function: Acidity Regulator, Preservative

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|------|------|
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | GMP | | 4 | |
| 13.2 | Complementary foods for infants and young children | 5000 mg/kg | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 4 | |

ACETIC AND FATTY ACID ESTERS OF GLYCEROL

Acetic and Fatty Acid Esters of Glycerol INS: 472a

Function: Emulsifier, Sequestrant, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 01.1.1.2 | Buttermilk (plain) | GMP | | 7 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 7 | |
| 01.2.2 | Renneted milk (plain) | GMP | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | 10000 mg/kg | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | 10000 mg/kg | | 7 | |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 02.2.1.2 | Margarine and similar products | 10000 mg/kg | | 4 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Note 16 | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 16 | 7 | |
| 06.1 | Whole, broken, or flaked grain, including rice | GMP | | 7 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | Note 16 | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 7 | |

ACETIC AND FATTY ACID ESTERS OF GLYCEROL

Function: Emulsifier, Sequestrant, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|------|------|
| 12.1.2 | Salt Substitutes | 5000 mg/kg | | 7 | |
| 12.2.1 | Herbs and spices | 5000 mg/kg | Note 51 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | 5000 mg/kg | | 4 | |
| 13.2 | Complementary foods for infants and young children | 5000 mg/kg | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |

ACETYLATED DISTARCH ADIPATE

Acetylated Distarch Adipate

INS: 1422

Function: Bulking agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------------|------|------|
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | GMP | | 4 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 41 | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 10000 mg/kg | | 7 | |
| 13.1.2 | Follow-up formulae | 5000 mg/kg | Notes 72 & 150 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | 6000 mg/kg | | 4 | |
| 13.2 | Complementary foods for infants and young children | 60000 mg/kg | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 10000 mg/kg | | 7 | |

ACETYLATED DISTARCH PHOSPHATE

Acetylated Distarch Phosphate

INS: 1414

Function: Bulking agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|------|------|
| 01.1.1.2 | Buttermilk (plain) | GMP | | 7 | |
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | GMP | | 4 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 7 | |
| 01.2.2 | Renneted milk (plain) | GMP | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |

ACETYLATED DISTARCH PHOSPHATE

Function: Bulking agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------------|------|------|
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Note 16 | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 16 | 7 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 10000 mg/kg | | 7 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | Note 16 | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 41 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 10000 mg/kg | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 13.1.1 | Infant formulae | 5000 mg/kg | Notes 72 & 150 | 7 | |
| 13.1.2 | Follow-up formulae | 5000 mg/kg | Notes 72 & 150 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | 6000 mg/kg | | 4 | |
| 13.2 | Complementary foods for infants and young children | 60000 mg/kg | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 10000 mg/kg | | 7 | |

ACETYLATED OXIDIZED STARCH

Acetylated Oxidized Starch

INS: 1451

Function: Binder, Emulsifier, Stabilizer, Thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|------|------|
| 13.2 | Complementary foods for infants and young children | 5000 mg/kg | Note 72 | 4 | |

ACID TREATED STARCH

ACID TREATED STARCH

Acid Treated Starch

INS: 1401

Function: Bulking agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|------|------|
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | GMP | | 4 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 41 | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 10000 mg/kg | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 10000 mg/kg | | 7 | |

ADIPATES

Adipic Acid

INS: 355

Sodium Adipate

INS: 356

Potassium Adipate

INS: 357

Ammonium Adipate

INS: 359

Function: Acidity Regulator, Firming Agent, Raising Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 01.2.1 | Fermented milks (plain) | 1500 mg/kg | Note 1 | 4 | |
| 01.3.2 | Beverage whiteners | 4500 mg/kg | Note 1 | 7 | |
| 01.6.4 | Processed cheese | 5000 mg/kg | Note 1 | 7 | |
| 01.6.5 | Cheese analogues | 5000 mg/kg | Note 1 | 7 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 6000 mg/kg | Note 1 | 7 | |
| 02.1.2 | Vegetable oils and fats | 3000 mg/kg | Note 1 | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 3000 mg/kg | Note 1 | 7 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 30000 mg/kg | Note 1 | 7 | |
| 03.0 | Edible ices, including sherbet and sorbet | 2000 mg/kg | Note 1 | 7 | |
| 04.1.2.5 | Jams, jellies, marmelades | 2000 mg/kg | Note 1 | 7 | |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 30000 mg/kg | Note 1 | 7 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 30000 mg/kg | Note 1 | 7 | |
| 04.1.2.11 | Fruit fillings for pastries | 30000 mg/kg | Note 1 | 7 | |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 50000 mg/kg | Note 1 | 7 | |

ADIPATES

Function: Acidity Regulator, Firming Agent, Raising Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|-------------|------|------|
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 6000 mg/kg | Note 1 | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 50000 mg/kg | Note 1 | 4 | |
| 04.2.2.8 | Cooked or fried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 1000 mg/kg | Note 1 | 7 | |
| 05.1.3 | Cocoa-based spreads, including fillings | 2000 mg/kg | Note 1 | 7 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 30000 mg/kg | Note 1 | 7 | |
| 05.3 | Chewing gum | 20000 mg/kg | Note 1 | 7 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 30000 mg/kg | Note 1 | 7 | |
| 06.4.2 | Dried pastas and noodles and like products | 1000 mg/kg | Note 1 | 7 | |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 1000 mg/kg | Note 1 | 7 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 30000 mg/kg | Note 1 | 7 | |
| 06.6 | Batters (e.g., for breading or batters for fish or poultry) | 1000 mg/kg | Note 1 | 7 | |
| 07.0 | Bakery wares | 2000 mg/kg | Note 1 | 7 | |
| 08.2 | Processed meat, poultry, and game products in whole pieces or cuts | 3000 mg/kg | Note 1 | 7 | |
| 08.3 | Processed comminuted meat, poultry, and game products | 3000 mg/kg | Note 1 | 7 | |
| 10.4 | Egg-based desserts (e.g., custard) | 30000 mg/kg | Note 1 | 7 | |
| 12.2.2 | Seasonings and condiments | 50000 mg/kg | Note 1 | 7 | |
| 12.5 | Soups and broths | 20 mg/kg | Note 1 | 7 | |
| 12.6 | Sauces and like products | 10000 mg/kg | Note 1 | 7 | |
| 14.1.4.1 | Carbonated water-based flavoured drinks | 790 mg/kg | Note 1 | 7 | |
| 14.1.4.2 | Non-carbonated water-based flavoured drinks, including punches and ades | 2000 mg/kg | Note 1 | 7 | |
| 14.1.4.3 | Concentrates (liquid or solid) for water-based flavoured drinks | 10000 mg/kg | Note 1 | 7 | |
| 14.2.1 | Beer and malt beverages | GMP | Note 1 | 7 | |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 13000 mg/kg | Note 1 | 7 | |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 1000 mg/kg | Notes 1 & 2 | 7 | |

AGAR

Agar

INS: 406

AGAR

Function: Bulking agent, Emulsifier, Filler, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|--------------|------|------|
| 01.1.1 | Milk and buttermilk (plain) | 4000 mg/kg | | 7 | |
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | 5000 mg/kg | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | 5000 mg/kg | | 7 | |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | | 7 | |
| 04.1.1.3 | Peeled or cut fresh fruit | GMP | | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.1.3 | Peeled, cut or shredded fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 06.4.1 | Fresh pastas and noodles and like products | GMP | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 7 | |
| 08.1 | Fresh meat, poultry, and game | GMP | | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 20000 mg/kg | Notes 3 & 53 | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 10.2.1 | Liquid egg products | GMP | | 7 | |
| 10.2.2 | Frozen egg products | GMP | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |

ALGINIC ACID

Alginic Acid

INS: 400

ALGINIC ACID

Function: Bulking agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 01.1.1.2 | Buttermilk (plain) | 6000 mg/kg | | 7 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | 5000 mg/kg | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | 1000 mg/kg | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | 5000 mg/kg | | 7 | |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 4 | |
| 06.4.1 | Fresh pastas and noodles and like products | GMP | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 7 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 5000 mg/kg | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 10000 mg/kg | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 4 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 4 | |
| 13.1.3 | Formulae for special medical purposes for infants | 5000 mg/kg | | 4 | |
| 13.2 | Complementary foods for infants and young children | 5000 mg/kg | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 4 | |

ALITAME

Alitame

INS: 956

Function: Sweetener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 100 mg/kg | | 6 | |
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | 60 mg/kg | | 6 | |
| 01.4 | Cream (plain) and the like | 100 mg/kg | | 6 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 100 mg/kg | | 6 | |

ALITAME

Function: Sweetener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|------|------|
| 03.0 | Edible ices, including sherbet and sorbet | 100 mg/kg | | 6 | |
| 04.1.2.5 | Jams, jellies, marmelades | 100 mg/kg | | 6 | |
| 05.0 | Confectionery | 300 mg/kg | | 6 | |
| 07.0 | Bakery wares | 200 mg/kg | | 6 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 6 | |
| 11.6 | Table-top sweeteners, including those containing high-intensity sweeteners | GMP | | 6 | |
| 12.2 | Herbs, spices, seasonings and condiments (e.g., seasoning for instant noodles) | 100 mg/kg | | 6 | |
| 12.5 | Soups and broths | 40 mg/kg | | 6 | |
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | 300 mg/kg | | 6 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 40 mg/kg | | 6 | |

ALKALINE TREATED STARCH

Alkaline Treated Starch

INS: 1402

Function: Bulking agent, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|------|------|
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | GMP | | 4 | |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 41 | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 10000 mg/kg | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 10000 mg/kg | | 7 | |

ALLURA RED AC

Allura Red AC

INS: 129

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 300 mg/kg | | 6 | |
| 01.6.1 | Unripened cheese | 200 mg/kg | Note 3 | 3 | |
| 01.6.2.2 | Rind of ripened cheese | 100 mg/kg | | 6 | |
| 01.6.4 | Processed cheese | 200 mg/kg | | 6 | |

ALLURA RED AC

| Function: | Colour | | | | |
|-----------|--|------------|----------|------|------|
| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
| 01.6.5 | Cheese analogues | 300 mg/kg | Note 3 | 3 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 300 mg/kg | | 6 | |
| 02.2.1.2 | Margarine and similar products | 300 mg/kg | | 3 | |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | GMP | | 6 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 300 mg/kg | | 6 | |
| 03.0 | Edible ices, including sherbet and sorbet | 300 mg/kg | | 6 | |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | 200 mg/kg | | 6 | |
| 04.1.2.5 | Jams, jellies, marmelades | 500 mg/kg | | 6 | |
| 04.1.2.7 | Candied fruit | 300 mg/kg | | 6 | |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 800 mg/kg | | 6 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 300 mg/kg | | 6 | |
| 04.1.2.11 | Fruit fillings for pastries | 800 mg/kg | | 6 | |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 500 mg/kg | | 6 | |
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 200 mg/kg | | 6 | |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 200 mg/kg | | 6 | |
| 05.1.3 | Cocoa-based spreads, including fillings | 300 mg/kg | | 6 | |
| 05.1.4 | Cocoa and chocolate products | 300 mg/kg | | 6 | |
| 05.1.5 | Imitation chocolate, chocolate substitute products | 300 mg/kg | | 6 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 348 mg/kg | | 6 | |
| 05.3 | Chewing gum | 467 mg/kg | | 6 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 500 mg/kg | | 6 | |
| 06.2 | Flours and starches (including soybean powder) | 500 mg/kg | | 6 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 300 mg/kg | | 6 | |
| 07.1.2 | Crackers, excluding sweet crackers | 300 mg/kg | | 6 | |
| 07.1.3 | Other ordinary bakery products (e.g., bagels, pita, English muffins) | 300 mg/kg | | 6 | |
| 07.2.1 | Cakes, cookies and pies (e.g., fruit-filled or custard types) | 2200 mg/kg | | 6 | |
| 07.2.2 | Other fine bakery products (e.g., doughnuts, sweet rolls, scones, and muffins) | 300 mg/kg | | 6 | |

ALLURA RED AC

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|------|------|
| 07.2.3 | Mixes for fine bakery wares (e.g., cakes, pancakes) | 300 mg/kg | | 6 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | 500 mg/kg | Note 16 | 6 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | Note 4 | 3 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | 25 mg/kg | | 6 | |
| 08.3.2 | Heat-treated processed comminuted meat, poultry, and game products | 25 mg/kg | | 6 | |
| 08.4 | Edible casings (e.g., sausage casings) | 500 mg/kg | Note 16 | 6 | |
| 08.4 | Edible casings (e.g., sausage casings) | GMP | | 3 | |
| 09.1.1 | Fresh fish | 300 mg/kg | Note 50 | 6 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 95 | 6 | |
| 09.2.4.1 | Cooked fish and fish products | 500 mg/kg | | 6 | |
| 09.2.4.2 | Cooked mollusks, crustaceans, and echinoderms | 250 mg/kg | | 6 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 22 | 6 | |
| 09.3.3 | Salmon substitutes, caviar, and other fish roe products | 500 mg/kg | | 6 | |
| 09.3.4 | Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms (e.g., fish paste), excluding products of food categories 09.3.1 - 09.3.3 | 500 mg/kg | | 6 | |
| 10.1 | Fresh eggs | 100 mg/kg | Note 4 | 3 | |
| 10.4 | Egg-based desserts (e.g., custard) | 300 mg/kg | | 6 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 300 mg/kg | | 6 | |
| 12.2.2 | Seasonings and condiments | 500 mg/kg | | 6 | |
| 12.4 | Mustards | 300 mg/kg | | 6 | |
| 12.5 | Soups and broths | 300 mg/kg | | 6 | |
| 12.6 | Sauces and like products | 500 mg/kg | | 6 | |
| 12.9.5 | Other protein products | 100 mg/kg | | 6 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 50 mg/kg | | 6 | |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 50 mg/kg | | 6 | |
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | 300 mg/kg | | 6 | |
| 13.6 | Food supplements | 300 mg/kg | | 6 | |
| 14.1.4.1 | Carbonated water-based flavoured drinks | 300 mg/kg | | 6 | |
| 14.1.4.2 | Non-carbonated water-based flavoured drinks, including punches and ades | 300 mg/kg | | 6 | |
| 14.1.4.3 | Concentrates (liquid or solid) for water-based flavoured drinks | 1572 mg/kg | | 6 | |
| 14.2.2 | Cider and perry | 200 mg/kg | | 6 | |

ALLURA RED AC

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|----------|------|------|
| 14.2.4 | Wines (other than grape) | 200 mg/kg | | 6 | |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | 300 mg/kg | | 6 | |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 200 mg/kg | | 6 | |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 200 mg/kg | | 6 | |
| 15.2 | Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit) | 100 mg/kg | | 6 | |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 500 mg/kg | | 6 | |

ALPHA-AMYLASE (ASPERGILLUS ORYZAE VAR.)Alpha-Amylase (*Aspergillus oryzae* var.) INS: 1100

Function: Adjuvant, Enzyme, Flour Treatment Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|---------|------|
| 06.1 | Whole, broken, or flaked grain, including rice | GMP | | 7 | |
| 06.2 | Flours and starches (including soybean powder) | GMP | | Adopted | 1999 |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 7 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |

ALPHA-AMYLASE (BACILLUS SUBTILIS)Alpha-Amylase (*Bacillus subtilis*) INS: 1100

Function: Enzyme, Flour Treatment Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--------------|----------|----------|------|------|
| 06.2.2 | Starches | GMP | | 4 | |

ALPHA-AMYLASE (CARBOHYDRASE) (BACILLUS LICHENIFORMIS)Alpha-Amylase (Carbohydrase) (*Bacillus licheniformis*) INS: 1100

Function: Enzyme, Flour Treatment Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--------------|----------|----------|------|------|
| 06.2.2 | Starches | GMP | | 4 | |

ALUMINIUM AMMONIUM SULPHATE

ALUMINIUM AMMONIUM SULPHATE

Aluminium Ammonium Sulphate INS: 523

Function: Firming Agent, Raising Agent, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|--------------|---------|------|
| 04.1.2.7 | Candied fruit | 200 mg/kg | Note 6 | Adopted | 2001 |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 500 mg/kg | Note 6 | 4 | |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 35 mg/kg | Note 6 | Adopted | 2003 |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 200 mg/kg | Note 6 | Adopted | 2001 |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 500 mg/kg | Note 6 | 4 | |
| 06.2 | Flours and starches (including soybean powder) | 500 mg/kg | Note 6 | 4 | |
| 06.2.2 | Starches | GMP | Notes 6 & 26 | 7 | |
| 07.1.2 | Crackers, excluding sweet crackers | 10000 mg/kg | Note 29 | 4 | |
| 07.1.3 | Other ordinary bakery products (e.g., bagels, pita, English muffins) | 10000 mg/kg | Note 29 | 4 | |
| 07.1.4 | Bread-type products, including bread stuffing and bread crumbs | 10000 mg/kg | Note 29 | 4 | |
| 07.1.5 | Steamed breads and buns | 10000 mg/kg | Note 29 | 4 | |
| 07.1.6 | Mixes for bread and ordinary bakery wares | 10000 mg/kg | Note 6 | 4 | |
| 07.2 | Fine bakery wares (sweet, salty, savoury) and mixes | 10000 mg/kg | Note 29 | 4 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | 200 mg/kg | Note 6 | Adopted | 2001 |
| 10.2 | Egg products | 30 mg/kg | Note 6 | Adopted | 2001 |
| 10.4 | Egg-based desserts (e.g., custard) | 380 mg/kg | Note 6 | Adopted | 2003 |
| 12.2 | Herbs, spices, seasonings and condiments (e.g., seasoning for instant noodles) | 500 mg/kg | Note 6 | 4 | |
| 12.9.2 | Fresh bean curd (tofu) | GMP | Note 6 | 4 | |
| 12.10.2 | Fermented soybean curd (soybean cheese) | GMP | Note 6 | 4 | |
| 12.10.3 | Fermented soybean paste (e.g., miso) | GMP | Note 6 | 4 | |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 500 mg/kg | Note 6 | 4 | |

ALUMINIUM SILICATE

Aluminium Silicate INS: 559

ALUMINIUM SILICATE

Function: Adjuvant, Anticaking Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|---------|------|
| 01.8.2 | Dried whey and whey products, excluding whey cheeses | 10000 mg/kg | | Adopted | 2006 |
| 06.1 | Whole, broken, or flaked grain, including rice | GMP | | 7 | |
| 12.1.2 | Salt Substitutes | 10000 mg/kg | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 3 | |

AMARANTH

Amaranth

INS: 123

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 300 mg/kg | | 7 | |
| 01.6.2.2 | Rind of ripened cheese | 100 mg/kg | | 7 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 300 mg/kg | | 7 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 300 mg/kg | | 7 | |
| 03.0 | Edible ices, including sherbet and sorbet | 300 mg/kg | | 7 | |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | 200 mg/kg | | 7 | |
| 04.1.2.5 | Jams, jellies, marmelades | 300 mg/kg | | 7 | |
| 04.1.2.7 | Candied fruit | 300 mg/kg | | 7 | |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 300 mg/kg | | 7 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 300 mg/kg | | 7 | |
| 04.1.2.11 | Fruit fillings for pastries | 300 mg/kg | | 7 | |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 300 mg/kg | | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 300 mg/kg | | 4 | |
| 05.1.3 | Cocoa-based spreads, including fillings | 100 mg/kg | | 7 | |
| 05.2.2 | Soft candy | 100 mg/kg | | 7 | |
| 05.3 | Chewing gum | 300 mg/kg | | 7 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 300 mg/kg | | 7 | |
| 06.3 | Breakfast cereals, including rolled oats | 300 mg/kg | | 7 | |
| 06.4.2 | Dried pastas and noodles and like products | 100 mg/kg | | 7 | |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 100 mg/kg | | 7 | |

AMARANTH

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|------|------|
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 300 mg/kg | | 7 | |
| 06.6 | Batters (e.g., for breading or batters for fish or poultry) | 100 mg/kg | | 7 | |
| 07.0 | Bakery wares | 300 mg/kg | | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 300 mg/kg | | 7 | |
| 09.2.4.1 | Cooked fish and fish products | 300 mg/kg | | 7 | |
| 09.2.4.3 | Fried fish and fish products, including mollusks, crustaceans, and echinoderms | 300 mg/kg | | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | 300 mg/kg | Note 22 | 7 | |
| 09.3.3 | Salmon substitutes, caviar, and other fish roe products | 300 mg/kg | Note 50 | 7 | |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 300 mg/kg | | 7 | |
| 10.1 | Fresh eggs | 100 mg/kg | Note 4 | 3 | |
| 10.4 | Egg-based desserts (e.g., custard) | 300 mg/kg | | 7 | |
| 11.3 | Sugar solutions and syrups, also (partially) inverted, including treacle and molasses, excluding products of food category 11.1.3 | 300 mg/kg | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 300 mg/kg | | 7 | |
| 12.2.2 | Seasonings and condiments | 300 mg/kg | | 7 | |
| 12.5 | Soups and broths | 300 mg/kg | | 7 | |
| 12.6.2 | Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy) | 300 mg/kg | | 7 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 100 mg/kg | | 7 | |
| 14.2.4 | Wines (other than grape) | 30 mg/kg | | 7 | |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | 300 mg/kg | | 7 | |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 100 mg/kg | | 7 | |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 300 mg/kg | | 7 | |

AMMONIUM ALGINATE

Ammonium Alginate

INS: 403

Function: Emulsifier, Stabilizer, Thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|------|------|
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | 5000 mg/kg | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | 100 mg/kg | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | 5000 mg/kg | | 7 | |

AMMONIUM ALGINATE

Function: Emulsifier, Stabilizer, Thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 02.1.2 | Vegetable oils and fats | 5000 mg/kg | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 5000 mg/kg | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 5000 mg/kg | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 10000 mg/kg | | 7 | |
| 13.2 | Complementary foods for infants and young children | 5000 mg/kg | | 7 | |

AMMONIUM CARBONATE

Ammonium Carbonate INS: 503i

Function: Acidity Regulator, Raising Agent, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|------|------|
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 41 | 7 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |

AMMONIUM CHLORIDE

Ammonium Chloride INS: 510

Function: Flour Treatment agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|------|------|
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 4 | |
| 08.1 | Fresh meat, poultry, and game | GMP | | 4 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 12.1.2 | Salt Substitutes | GMP | | 4 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 4 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 4 | |

AMMONIUM HYDROGEN CARBONATE

Ammonium Hydrogen Carbonate INS: 503ii

AMMONIUM HYDROGEN CARBONATE

Function: Acidity Regulator, Raising Agent, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|----------|------|------|
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |

AMMONIUM HYDROXIDE

Ammonium Hydroxide INS: 527

Function: Acidity Regulator

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|----------|------|------|
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 4 | |

ANNATTO EXTRACTS

Annatto Extracts INS: 160b

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|---------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 50 mg/kg | Note 9 | 7 | |
| 01.6.1 | Unripened cheese | 50 mg/kg | Note 74 | 7 | |
| 01.6.2 | Ripened cheese | 50 mg/kg | | 7 | |
| 01.6.4 | Processed cheese | 600 mg/kg | | 7 | |
| 01.6.5 | Cheese analogues | 20 mg/kg | Note 3 | 7 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 100 mg/kg | | 7 | |
| 01.8.1 | Liquid whey and whey products, excluding whey cheeses | 10 mg/kg | | 7 | |
| 02.1.2 | Vegetable oils and fats | 10 mg/kg | Note 9 | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 10 mg/kg | Note 9 | 7 | |
| 02.2.1.1 | Butter and concentrated butter | 20 mg/kg | Note 9 | Adopted | 2006 |
| 02.2.1.2 | Margarine and similar products | 20 mg/kg | Note 9 | 7 | |
| 02.2.1.3 | Blends of butter and margarine | 10 mg/kg | | 7 | |
| 02.2.2 | Emulsions containing less than 80% fat | 30 mg/kg | Note 9 | 7 | |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | 20 mg/kg | Note 8 | 4 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 10 mg/kg | | 7 | |
| 03.0 | Edible ices, including sherbet and sorbet | 200 mg/kg | Note 8 | 4 | |
| 04.1.1.2 | Surface-treated fresh fruit | 20 mg/kg | Note 16 | 7 | |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | 200 mg/kg | Note 8 | 4 | |
| 04.1.2.5 | Jams, jellies, marmelades | 10 mg/kg | | 7 | |

ANNATTO EXTRACTS

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|------|------|
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | GMP | | 7 | |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 20 mg/kg | | 7 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 150 mg/kg | | 7 | |
| 04.1.2.11 | Fruit fillings for pastries | 200 mg/kg | | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 20 mg/kg | Note 16 | 7 | |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 300 mg/kg | | 7 | |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 10 mg/kg | | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 200 mg/kg | Note 9 | 7 | |
| 05.1 | Cocoa products and chocolate products including imitations and chocolate substitutes | 200 mg/kg | Note 8 | 4 | |
| 05.1.1 | Cocoa mixes (powders) and cocoa mass/cake | GMP | | 7 | |
| 05.1.2 | Cocoa mixes (syrups) | GMP | | 7 | |
| 05.1.3 | Cocoa-based spreads, including fillings | GMP | | 7 | |
| 05.1.4 | Cocoa and chocolate products | 25 mg/kg | Note 9 | 7 | |
| 05.1.5 | Imitation chocolate, chocolate substitute products | 25 mg/kg | Note 9 | 7 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 200 mg/kg | Note 8 | 4 | |
| 05.3 | Chewing gum | 500 mg/kg | Note 9 | 7 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 1000 mg/kg | | 7 | |
| 06.3 | Breakfast cereals, including rolled oats | 75 mg/kg | Note 9 | 7 | |
| 06.4.2 | Dried pastas and noodles and like products | 100 mg/kg | | 4 | |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 100 mg/kg | | 4 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 40 mg/kg | Note 9 | 7 | |
| 06.6 | Batters (e.g., for breading or batters for fish or poultry) | 20 mg/kg | | 7 | |
| 07.1 | Bread and ordinary bakery wares | 120 mg/kg | | 4 | |
| 07.1.4 | Bread-type products, including bread stuffing and bread crumbs | 20 mg/kg | Note 8 | 7 | |
| 07.2.1 | Cakes, cookies and pies (e.g., fruit-filled or custard types) | 15 mg/kg | Note 9 | 7 | |
| 07.2.2 | Other fine bakery products (e.g., doughnuts, sweet rolls, scones, and muffins) | 40 mg/kg | Note 9 | 7 | |

ANNATTO EXTRACTS

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|--------------|------|------|
| 07.2.3 | Mixes for fine bakery wares (e.g., cakes, pancakes) | 15 mg/kg | Note 9 | 7 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | 20 mg/kg | Note 16 | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | 1000 mg/kg | Notes 9 & 94 | 7 | |
| 08.2 | Processed meat, poultry, and game products in whole pieces or cuts | 50 mg/kg | Note 9 | 7 | |
| 08.3.1.1 | Cured (including salted) non-heat treated processed comminuted meat, poultry, and game products | 1000 mg/kg | Notes 9 & 78 | 7 | |
| 08.3.1.2 | Cured (including salted) and dried non-heat treated processed comminuted meat, poultry, and game products | 20 mg/kg | Note 16 | 7 | |
| 08.3.1.3 | Fermented non-heat treated processed comminuted meat, poultry, and game products | 50 mg/kg | Note 9 | 7 | |
| 08.3.2 | Heat-treated processed comminuted meat, poultry, and game products | 50 mg/kg | Note 9 | 7 | |
| 08.3.3 | Frozen processed comminuted meat, poultry, and game products | 20 mg/kg | Note 16 | 7 | |
| 08.4 | Edible casings (e.g., sausage casings) | 60 mg/kg | Note 9 | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | 20 mg/kg | Note 16 | 7 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | 100 mg/kg | | 4 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 10 mg/kg | Note 9 | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 30 mg/kg | Note 9 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | 10 mg/kg | Note 9 | 7 | |
| 09.2.4.1 | Cooked fish and fish products | 30 mg/kg | Note 9 | 7 | |
| 09.2.4.2 | Cooked mollusks, crustaceans, and echinoderms | 15 mg/kg | Note 9 | 7 | |
| 09.2.4.3 | Fried fish and fish products, including mollusks, crustaceans, and echinoderms | 15 mg/kg | Note 9 | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | 15 mg/kg | Notes 9 & 22 | 7 | |
| 09.3 | Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms | 100 mg/kg | | 4 | |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 10 mg/kg | Note 8 | 7 | |
| 10.1 | Fresh eggs | 100 mg/kg | Note 4 | 4 | |
| 10.4 | Egg-based desserts (e.g., custard) | 10 mg/kg | | 7 | |
| 11.3 | Sugar solutions and syrups, also (partially) inverted, including treacle and molasses, excluding products of food category 11.1.3 | 100 mg/kg | | 4 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 60 mg/kg | | 4 | |
| 12.2 | Herbs, spices, seasonings and condiments (e.g., seasoning for instant noodles) | 30 mg/kg | Note 9 | 7 | |
| 12.4 | Mustards | 100 mg/kg | Note 8 | 7 | |
| 12.5 | Soups and broths | 150 mg/kg | Note 8 | 7 | |

ANNATTO EXTRACTS

| Function: | Colour | | | | |
|-----------|--|-----------|----------|------|------|
| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
| 12.6.1 | Emulsified sauces (e.g., mayonnaise, salad dressing) | 100 mg/kg | Note 8 | 7 | |
| 12.6.2 | Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy) | 100 mg/kg | Note 8 | 7 | |
| 12.6.3 | Mixes for sauces and gravies | 100 mg/kg | Note 8 | 7 | |
| 12.6.4 | Clear sauces (e.g., fish sauce) | 400 mg/kg | | 7 | |
| 13.6 | Food supplements | 60 mg/kg | | 4 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 50 mg/kg | Note 9 | 7 | |
| 14.2.3.1 | Still grape wine | 10 mg/kg | | 4 | |
| 14.2.3.2 | Sparkling and semi-sparkling grape wines | 10 mg/kg | | 4 | |
| 14.2.3.3 | Fortified grape wine, grape liquor wine, and sweet grape wine | 15 mg/kg | | 4 | |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | 10 mg/kg | | 7 | |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 10 mg/kg | | 7 | |
| 15.0 | Ready-to-eat savouries | 300 mg/kg | Note 9 | 7 | |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 200 mg/kg | | 7 | |

ASCORBIC ACID

Ascorbic Acid

INS: 300

| Function: | Antioxidant, Colour Retention Agent | | | | |
|-----------|---|------------|----------|------|------|
| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
| 02.1.2 | Vegetable oils and fats | 200 mg/kg | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 200 mg/kg | | 7 | |
| 04.1.1 | Fresh fruit | 500 mg/kg | | 7 | |
| 04.2.1 | Fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 500 mg/kg | | 7 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 100 mg/kg | | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 4 | |
| 06.2.1 | Flours | 300 mg/kg | | 7 | |
| 06.4.1 | Fresh pastas and noodles and like products | 200 mg/kg | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | 200 mg/kg | | 4 | |
| 08.1 | Fresh meat, poultry, and game | 2000 mg/kg | | 7 | |

ASCORBIC ACID

Function: Antioxidant, Colour Retention Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|---------|------|
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | 200 mg/kg | | 7 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 400 mg/kg | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | 200 mg/kg | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 4 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 4 | |
| 13.1.2 | Follow-up formulae | 50 mg/kg | Note 72 | 7 | |
| 13.2 | Complementary foods for infants and young children | 3000 mg/kg | | 7 | |
| 14.1.2.1 | Fruit juice | GMP | | Adopted | 2005 |
| 14.1.2.2 | Vegetable juice | GMP | | 4 | |
| 14.1.2.3 | Concentrates for fruit juice | GMP | Note 127 | Adopted | 2005 |
| 14.1.2.4 | Concentrates for vegetable juice | GMP | | 4 | |
| 14.1.3.1 | Fruit nectar | GMP | | Adopted | 2005 |
| 14.1.3.2 | Vegetable nectar | GMP | | 4 | |
| 14.1.3.3 | Concentrates for fruit nectar | GMP | Note 127 | Adopted | 2005 |
| 14.1.3.4 | Concentrates for vegetable nectar | GMP | | 4 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 500 mg/kg | | 4 | |
| 14.2.3 | Grape wines | 250 mg/kg | | 4 | |

ASCORBYL ESTERS

Ascorbyl Palmitate

INS: 304

Ascorbyl Stearate

INS: 305

Function: Antioxidant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|----------------|---------|------|
| 01.3.2 | Beverage whiteners | 80 mg/kg | Note 10 | Adopted | 2001 |
| 01.5.1 | Milk powder and cream powder (plain) | 500 mg/kg | Note 10 | Adopted | 2001 |
| 01.5.2 | Milk and cream powder analogues | 80 mg/kg | Note 10 | Adopted | 2001 |
| 01.6.1 | Unripened cheese | 500 mg/kg | Note 10 | 4 | |
| 01.6.2.1 | Ripened cheese, includes rind | 500 mg/kg | Notes 10 & 112 | Adopted | 2001 |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 500 mg/kg | Notes 2 & 10 | Adopted | 2001 |
| 02.1.1 | Butter oil, anhydrous milkfat, ghee | 500 mg/kg | Note 10 | Adopted | 2006 |

ASCORBYL ESTERS

Function: Antioxidant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|--------------------|---------|------|
| 02.1.2 | Vegetable oils and fats | 500 mg/kg | Note 10 | Adopted | 2006 |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 500 mg/kg | Note 10 | Adopted | 2006 |
| 02.2.1.2 | Margarine and similar products | 500 mg/kg | Note 10 | Adopted | 2001 |
| 02.2.1.3 | Blends of butter and margarine | 500 mg/kg | Note 10 | Adopted | 2006 |
| 02.2.2 | Emulsions containing less than 80% fat | 500 mg/kg | Note 10 | Adopted | 2006 |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | 500 mg/kg | Note 10 | Adopted | 2001 |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 80 mg/kg | Note 10 | Adopted | 2001 |
| 03.0 | Edible ices, including sherbet and sorbet | 200 mg/kg | Notes 10 & 15 | Adopted | 2001 |
| 04.1.2.2 | Dried fruit | 80 mg/kg | Note 10 | Adopted | 2001 |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 500 mg/kg | Notes 2 & 10 | Adopted | 2001 |
| 04.2.2.2 | Dried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 80 mg/kg | Note 10 | Adopted | 2001 |
| 05.0 | Confectionery | 500 mg/kg | Notes 10, 15 & 114 | Adopted | 2001 |
| 06.3 | Breakfast cereals, including rolled oats | 200 mg/kg | Note 10 | Adopted | 2001 |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 500 mg/kg | Note 10 | 4 | |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 20 mg/kg | Note 10 | Adopted | 2003 |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 500 mg/kg | Notes 2 & 10 | Adopted | 2001 |
| 07.0 | Bakery wares | 1000 mg/kg | Notes 10 & 15 | Adopted | 2003 |
| 08.4 | Edible casings (e.g., sausage casings) | 5000 mg/kg | Note 10 | Adopted | 2001 |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 1000 mg/kg | Note 10 | Adopted | 2001 |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 1000 mg/kg | Note 10 | Adopted | 2001 |
| 10.4 | Egg-based desserts (e.g., custard) | 500 mg/kg | Notes 2 & 10 | Adopted | 2001 |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 200 mg/kg | Note 10 | Adopted | 2003 |
| 12.2 | Herbs, spices, seasonings and condiments (e.g., seasoning for instant noodles) | 500 mg/kg | Note 10 | Adopted | 2001 |
| 12.4 | Mustards | 500 mg/kg | Note 10 | Adopted | 2003 |
| 12.5 | Soups and broths | 200 mg/kg | Note 10 | Adopted | 2001 |
| 12.6.1 | Emulsified sauces (e.g., mayonnaise, salad dressing) | 500 mg/kg | Notes 10 & 15 | Adopted | 2001 |
| 12.6.2 | Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy) | 500 mg/kg | Note 10 | Adopted | 2005 |
| 12.6.3 | Mixes for sauces and gravies | 200 mg/kg | Note 10 | Adopted | 2001 |
| 12.6.4 | Clear sauces (e.g., fish sauce) | 200 mg/kg | Note 10 | Adopted | 2001 |

ASCORBYL ESTERS

Function: Antioxidant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|---------------|---------|------|
| 12.7 | Salads (e.g., macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories 04.2.2.5 and 05.1.3 | 200 mg/kg | Note 10 | Adopted | 2001 |
| 13.1.1 | Infant formulae | 10 mg/kg | Notes 10 & 72 | 7 | |
| 13.1.2 | Follow-up formulae | 50 mg/kg | Notes 10 & 72 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | 10 mg/kg | Notes 10 & 15 | Adopted | 2006 |
| 13.2 | Complementary foods for infants and young children | 100 mg/kg | Note 10 | Adopted | 2001 |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 500 mg/kg | Note 10 | Adopted | 2005 |
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | 500 mg/kg | Note 10 | 4 | |
| 13.6 | Food supplements | 500 mg/kg | Note 10 | Adopted | 2003 |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 1000 mg/kg | Notes 10 & 15 | Adopted | 2001 |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 200 mg/kg | Note 10 | Adopted | 2001 |
| 15.2 | Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit) | 200 mg/kg | Note 10 | Adopted | 2001 |

ASPARTAME

Aspartame

INS: 951

Function: Flavour Enhancer, Sweetener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, egnog, drinking yoghurt, whey-based drinks) | 600 mg/kg | | 6 | |
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | 2000 mg/kg | | 6 | |
| 01.3.2 | Beverage whiteners | 6000 mg/kg | | 3 | |
| 01.4.1 | Pasteurized cream (plain) | 6000 mg/kg | | 3 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | 6000 mg/kg | | 3 | |
| 01.4.3 | Clotted cream (plain) | 6000 mg/kg | | 3 | |
| 01.4.4 | Cream analogues | 1000 mg/kg | | 6 | |
| 01.5.1 | Milk powder and cream powder (plain) | 5000 mg/kg | | 3 | |
| 01.5.2 | Milk and cream powder analogues | 2000 mg/kg | | 6 | |
| 01.6.1 | Unripened cheese | 1000 mg/kg | | 3 | |
| 01.6.5 | Cheese analogues | 1000 mg/kg | | 6 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 3000 mg/kg | | 6 | |

ASPARTAME

Function: Flavour Enhancer, Sweetener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|------|------|
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | 1000 mg/kg | | 3 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 3000 mg/kg | | 6 | |
| 03.0 | Edible ices, including sherbet and sorbet | 3000 mg/kg | | 6 | |
| 04.1.2.1 | Frozen fruit | 2000 mg/kg | | 3 | |
| 04.1.2.2 | Dried fruit | 3000 mg/kg | | 6 | |
| 04.1.2.3 | Fruit in vinegar, oil, or brine | 300 mg/kg | | 6 | |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | 1000 mg/kg | | 6 | |
| 04.1.2.5 | Jams, jellies, marmelades | 1000 mg/kg | | 6 | |
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | 2000 mg/kg | | 6 | |
| 04.1.2.7 | Candied fruit | 2000 mg/kg | | 6 | |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 3000 mg/kg | | 6 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 3000 mg/kg | | 6 | |
| 04.1.2.10 | Fermented fruit products | 2000 mg/kg | | 6 | |
| 04.1.2.11 | Fruit fillings for pastries | 3000 mg/kg | | 6 | |
| 04.1.2.12 | Cooked fruit | 2000 mg/kg | | 6 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 1000 mg/kg | | 6 | |
| 04.2.2.2 | Dried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 1000 mg/kg | | 6 | |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 2500 mg/kg | | 3 | |
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 1000 mg/kg | | 6 | |
| 04.2.2.5 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed purees and spreads (e.g., peanut butter) | 3000 mg/kg | | 6 | |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 1000 mg/kg | | 6 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 2500 mg/kg | | 6 | |
| 04.2.2.8 | Cooked or fried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 1000 mg/kg | | 6 | |
| 05.1.1 | Cocoa mixes (powders) and cocoa mass/cake | 3000 mg/kg | | 6 | |

ASPARTAME

Function: Flavour Enhancer, Sweetener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 05.1.2 | Cocoa mixes (syrops) | 1000 mg/kg | | 6 | |
| 05.1.3 | Cocoa-based spreads, including fillings | 3000 mg/kg | | 6 | |
| 05.1.4 | Cocoa and chocolate products | 2500 mg/kg | | 6 | |
| 05.1.5 | Imitation chocolate, chocolate substitute products | 3000 mg/kg | | 6 | |
| 05.2.1 | Hard candy | 10000 mg/kg | | 6 | |
| 05.2.2 | Soft candy | 3000 mg/kg | | 6 | |
| 05.2.3 | Nougats and marzipans | 3000 mg/kg | | 6 | |
| 05.3 | Chewing gum | 10000 mg/kg | | 6 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 1000 mg/kg | | 6 | |
| 06.3 | Breakfast cereals, including rolled oats | 5000 mg/kg | | 6 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 1000 mg/kg | | 6 | |
| 07.1 | Bread and ordinary bakery wares | 4000 mg/kg | | 6 | |
| 07.2 | Fine bakery wares (sweet, salty, savoury) and mixes | 5000 mg/kg | | 6 | |
| 08.2 | Processed meat, poultry, and game products in whole pieces or cuts | 300 mg/kg | | 6 | |
| 08.3 | Processed comminuted meat, poultry, and game products | 300 mg/kg | | 6 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | 300 mg/kg | | 6 | |
| 09.3 | Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms | 300 mg/kg | | 6 | |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 3 | |
| 10.2.3 | Dried and/or heat coagulated egg products | 1000 mg/kg | | 6 | |
| 10.4 | Egg-based desserts (e.g., custard) | 1000 mg/kg | | 6 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 3000 mg/kg | | 6 | |
| 11.6 | Table-top sweeteners, including those containing high-intensity sweeteners | 1000 mg/kg | | 6 | |
| 12.2.2 | Seasonings and condiments | 2000 mg/kg | | 6 | |
| 12.3 | Vinegars | GMP | | 3 | |
| 12.4 | Mustards | 350 mg/kg | | 6 | |
| 12.5 | Soups and broths | 600 mg/kg | | 6 | |
| 12.6.1 | Emulsified sauces (e.g., mayonnaise, salad dressing) | 500 mg/kg | | 6 | |
| 12.6.2 | Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy) | 350 mg/kg | | 6 | |
| 12.6.3 | Mixes for sauces and gravies | 350 mg/kg | | 6 | |
| 12.6.4 | Clear sauces (e.g., fish sauce) | 350 mg/kg | | 6 | |

ASPARTAME

Function: Flavour Enhancer, Sweetener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|---------|------|
| 12.7 | Salads (e.g., macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories 04.2.2.5 and 05.1.3 | 1000 mg/kg | | 6 | |
| 13.1.3 | Formulae for special medical purposes for infants | 800 mg/kg | Note 84 | 3 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 1000 mg/kg | | 6 | |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 800 mg/kg | | 6 | |
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | 2000 mg/kg | | 6 | |
| 13.6 | Food supplements | 5500 mg/kg | | 6 | |
| 14.1.2.2 | Vegetable juice | 2000 mg/kg | | 6 | |
| 14.1.2.4 | Concentrates for vegetable juice | 2000 mg/kg | | 6 | |
| 14.1.3.1 | Fruit nectar | 600 mg/kg | | Adopted | 2005 |
| 14.1.3.2 | Vegetable nectar | 2000 mg/kg | | 6 | |
| 14.1.3.3 | Concentrates for fruit nectar | 600 mg/kg | Note 127 | Adopted | 2005 |
| 14.1.3.4 | Concentrates for vegetable nectar | 2000 mg/kg | | 6 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 1000 mg/kg | | 6 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 5000 mg/kg | | 3 | |
| 14.2.1 | Beer and malt beverages | 600 mg/kg | | 6 | |
| 14.2.2 | Cider and perry | 600 mg/kg | | 6 | |
| 14.2.4 | Wines (other than grape) | 700 mg/kg | | 6 | |
| 14.2.5 | Mead | 700 mg/kg | | 6 | |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | 700 mg/kg | | 6 | |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 1000 mg/kg | | 6 | |
| 15.0 | Ready-to-eat savouries | 500 mg/kg | | 6 | |

ASPARTAME-ACESULFAME SALT

Aspartame-Acesulfame Salt

INS: 962

Function: Sweetener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|-----------------|------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 790 mg/kg | Notes 113 & 145 | 3 | |
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | 1130 mg/kg | Note 113 | 3 | |
| 01.3.2 | Beverage whiteners | 4540 mg/kg | Note 113 | 3 | |

ASPARTAME-ACESULFAME SALT

Function: Sweetener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|-----------------|------|------|
| 01.4.1 | Pasteurized cream (plain) | 2270 mg/kg | Note 113 | 3 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | 2270 mg/kg | Note 113 | 3 | |
| 01.4.3 | Clotted cream (plain) | 2270 mg/kg | Note 113 | 3 | |
| 01.4.4 | Cream analogues | 1550 mg/kg | Note 119 | 3 | |
| 01.5.1 | Milk powder and cream powder (plain) | 6820 mg/kg | Note 113 | 3 | |
| 01.5.2 | Milk and cream powder analogues | 3100 mg/kg | Note 119 | 3 | |
| 01.6.1 | Unripened cheese | 1130 mg/kg | Note 113 | 3 | |
| 01.6.5 | Cheese analogues | 790 mg/kg | Note 113 | 3 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 1130 mg/kg | Notes 113 & 145 | 3 | |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | 1550 mg/kg | Note 119 | 3 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 1130 mg/kg | Notes 113 & 145 | 3 | |
| 03.0 | Edible ices, including sherbet and sorbet | 1550 mg/kg | Notes 119 & 145 | 3 | |
| 04.1.2.1 | Frozen fruit | 1130 mg/kg | Note 113 | 3 | |
| 04.1.2.2 | Dried fruit | 1130 mg/kg | Note 113 | 3 | |
| 04.1.2.3 | Fruit in vinegar, oil, or brine | 450 mg/kg | Notes 113 & 144 | 3 | |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | 790 mg/kg | Notes 113 & 145 | 3 | |
| 04.1.2.5 | Jams, jellies, marmelades | 1000 mg/kg | Notes 119 & 138 | 3 | |
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | 2270 mg/kg | Notes 113 & 138 | 3 | |
| 04.1.2.7 | Candied fruit | 1130 mg/kg | Note 113 | 3 | |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 790 mg/kg | Notes 113 & 138 | 3 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 790 mg/kg | Notes 113 & 145 | 3 | |
| 04.1.2.10 | Fermented fruit products | 790 mg/kg | Note 113 | 3 | |
| 04.1.2.11 | Fruit fillings for pastries | 790 mg/kg | Note 113 | 3 | |
| 04.1.2.12 | Cooked fruit | 1130 mg/kg | Note 113 | 3 | |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 460 mg/kg | Note 119 & 144 | 3 | |
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 790 mg/kg | Note 113 | 3 | |
| 04.2.2.5 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed purees and spreads (e.g., peanut butter) | 4660 mg/kg | Note 119 | 3 | |

ASPARTAME-ACESULFAME SALT

Function: Sweetener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|-----------------|------|------|
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 790 mg/kg | Notes 113 & 145 | 3 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 2270 mg/kg | Note 113 | 3 | |
| 05.1.1 | Cocoa mixes (powders) and cocoa mass/cake | 4660 mg/kg | Note 119 | 3 | |
| 05.1.2 | Cocoa mixes (syrops) | 1130 mg/kg | Note 113 | 3 | |
| 05.1.3 | Cocoa-based spreads, including fillings | 4540 mg/kg | Notes 113 & 145 | 3 | |
| 05.1.4 | Cocoa and chocolate products | 2270 mg/kg | Notes 113 & 145 | 3 | |
| 05.1.5 | Imitation chocolate, chocolate substitute products | 2270 mg/kg | Notes 113 & 145 | 3 | |
| 05.2.1 | Hard candy | 5680 mg/kg | Notes 113 & 145 | 3 | |
| 05.2.2 | Soft candy | 4540 mg/kg | Notes 113 & 145 | 3 | |
| 05.2.3 | Nougats and marzipans | 2270 mg/kg | Notes 113 & 145 | 3 | |
| 05.3 | Chewing gum | 4540 mg/kg | Notes 68 & 113 | 3 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 1130 mg/kg | Note 113 | 3 | |
| 06.3 | Breakfast cereals, including rolled oats | 1550 mg/kg | Notes 119 & 145 | 3 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 790 mg/kg | Notes 113 & 145 | 3 | |
| 07.1 | Bread and ordinary bakery wares | 2270 mg/kg | Note 113 | 3 | |
| 07.2 | Fine bakery wares (sweet, salty, savoury) and mixes | 2270 mg/kg | Notes 77 & 113 | 3 | |
| 09.3 | Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms | 450 mg/kg | Note 113 | 3 | |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 450 mg/kg | Note 113 | 3 | |
| 10.4 | Egg-based desserts (e.g., custard) | 790 mg/kg | Notes 113 & 145 | 3 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 2270 mg/kg | Note 113 | 3 | |
| 11.6 | Table-top sweeteners, including those containing high-intensity sweeteners | GMP | Note 113 | 3 | |
| 12.2.2 | Seasonings and condiments | 3100 mg/kg | Note 113 | 3 | |
| 12.3 | Vinegars | 4540 mg/kg | Note 113 | 3 | |
| 12.4 | Mustards | 540 mg/kg | Note 119 | 3 | |
| 12.5 | Soups and broths | 250 mg/kg | Notes 113 & 138 | 3 | |

ASPARTAME-ACESULFAME SALT

Function: Sweetener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|-----------------|------|------|
| 12.6.1 | Emulsified sauces (e.g., mayonnaise, salad dressing) | 770 mg/kg | Note 119 | 3 | |
| 12.6.2 | Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy) | 540 mg/kg | Note 119 | 3 | |
| 12.6.3 | Mixes for sauces and gravies | 540 mg/kg | Note 119 | 3 | |
| 12.6.4 | Clear sauces (e.g., fish sauce) | 540 mg/kg | Note 119 | 3 | |
| 12.7 | Salads (e.g., macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories 04.2.2.5 and 05.1.3 | 1550 mg/kg | Notes 113 & 145 | 3 | |
| 13.1.3 | Formulae for special medical purposes for infants | 1020 mg/kg | Note 113 | 3 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 1020 mg/kg | Note 113 | 3 | |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 1020 mg/kg | Note 113 | 3 | |
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | 1130 mg/kg | Note 113 | 3 | |
| 13.6 | Food supplements | 2000 mg/kg | Note 113 | 3 | |
| 14.1.2.2 | Vegetable juice | 1360 mg/kg | Note 113 | 3 | |
| 14.1.2.4 | Concentrates for vegetable juice | 3100 mg/kg | Note 113 | 3 | |
| 14.1.3.4 | Concentrates for vegetable nectar | 3100 mg/kg | Note 113 | 3 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 930 mg/kg | Notes 119 & 145 | 3 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 1360 mg/kg | Note 113 | 3 | |
| 14.2.1 | Beer and malt beverages | 790 mg/kg | Notes 113 & 138 | 3 | |
| 14.2.2 | Cider and perry | 790 mg/kg | Note 113 | 3 | |
| 14.2.4 | Wines (other than grape) | 1080 mg/kg | Note 113 | 3 | |
| 14.2.5 | Mead | 1080 mg/kg | Note 113 | 3 | |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | 790 mg/kg | Note 113 | 3 | |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 930 mg/kg | Note 119 | 3 | |
| 15.0 | Ready-to-eat savouries | 770 mg/kg | Notes 113 & 144 | 3 | |

AZODICARBONAMIDE

Azodicarbonamide

INS: 927a

Function: Adjuvant, Flour Treatment Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--------------|----------|----------|---------|------|
| 06.2.1 | Flours | 45 mg/kg | | Adopted | 1999 |

AZORUBINE

AZORUBINE

Azorubine

INS: 122

| Function: | Colour | | | | |
|-----------|--|-----------|----------|------|------|
| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 150 mg/kg | | 7 | |
| 01.6.1 | Unripened cheese | GMP | Note 3 | 7 | |
| 01.6.2.2 | Rind of ripened cheese | GMP | | 7 | |
| 01.6.4 | Processed cheese | 200 mg/kg | | 7 | |
| 01.6.5 | Cheese analogues | GMP | Note 3 | 7 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 150 mg/kg | | 7 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 150 mg/kg | | 7 | |
| 03.0 | Edible ices, including sherbet and sorbet | 150 mg/kg | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | 500 mg/kg | Note 16 | 7 | |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | 200 mg/kg | | 7 | |
| 04.1.2.5 | Jams, jellies, marmelades | 500 mg/kg | | 7 | |
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | 500 mg/kg | | 7 | |
| 04.1.2.7 | Candied fruit | 200 mg/kg | | 7 | |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 500 mg/kg | | 7 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 150 mg/kg | | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 500 mg/kg | Note 16 | 7 | |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 500 mg/kg | | 7 | |
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 200 mg/kg | | 7 | |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 200 mg/kg | | 7 | |
| 05.1 | Cocoa products and chocolate products including imitations and chocolate substitutes | 50 mg/kg | | 7 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 300 mg/kg | | 7 | |
| 05.3 | Chewing gum | 300 mg/kg | | 7 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 500 mg/kg | | 7 | |
| 06.3 | Breakfast cereals, including rolled oats | 200 mg/kg | | 7 | |

AZORUBINE

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|------|------|
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 150 mg/kg | | 7 | |
| 07.1.2 | Crackers, excluding sweet crackers | 50 mg/kg | | 4 | |
| 07.1.3 | Other ordinary bakery products (e.g., bagels, pita, English muffins) | 50 mg/kg | | 4 | |
| 07.2 | Fine bakery wares (sweet, salty, savoury) and mixes | 200 mg/kg | | 7 | |
| 08.0 | Meat and meat products, including poultry and game | 500 mg/kg | Note 16 | 7 | |
| 09.1.1 | Fresh fish | 300 mg/kg | Note 50 | 7 | |
| 09.1.2 | Fresh mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 95 | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | 7 | |
| 09.2.4.1 | Cooked fish and fish products | 500 mg/kg | | 7 | |
| 09.2.4.2 | Cooked mollusks, crustaceans, and echinoderms | 250 mg/kg | | 7 | |
| 09.2.4.3 | Fried fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 22 | 7 | |
| 09.3.1 | Fish and fish products, including mollusks, crustaceans, and echinoderms, marinated and/or in jelly | 500 mg/kg | Note 16 | 7 | |
| 09.3.2 | Fish and fish products, including mollusks, crustaceans, and echinoderms, pickled and/or in brine | 500 mg/kg | Note 16 | 7 | |
| 09.3.3 | Salmon substitutes, caviar, and other fish roe products | 500 mg/kg | | 7 | |
| 09.3.4 | Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms (e.g., fish paste), excluding products of food categories 09.3.1 - 09.3.3 | 500 mg/kg | | 7 | |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | | 7 | |
| 10.1 | Fresh eggs | GMP | Note 4 | 7 | |
| 10.4 | Egg-based desserts (e.g., custard) | 50 mg/kg | | 7 | |
| 12.2.2 | Seasonings and condiments | 500 mg/kg | | 7 | |
| 12.4 | Mustards | 300 mg/kg | | 7 | |
| 12.5 | Soups and broths | 300 mg/kg | | 7 | |
| 12.6 | Sauces and like products | 500 mg/kg | | 7 | |
| 12.9.5 | Other protein products | 100 mg/kg | | 7 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 50 mg/kg | | 7 | |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 50 mg/kg | | 7 | |
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | 300 mg/kg | | 7 | |

AZORUBINE

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|----------|------|------|
| 13.6 | Food supplements | 300 mg/kg | | 7 | |
| 14.1.2.2 | Vegetable juice | GMP | | 7 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 100 mg/kg | | 7 | |
| 14.2.2 | Cider and perry | 200 mg/kg | | 7 | |
| 14.2.4 | Wines (other than grape) | 200 mg/kg | | 7 | |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | 200 mg/kg | | 7 | |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 200 mg/kg | | 7 | |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 550 mg/kg | | 4 | |
| 15.2 | Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit) | 100 mg/kg | | 7 | |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 500 mg/kg | | 7 | |

BEESWAX, WHITE AND YELLOW

Beeswax, White and Yellow

INS: 901

Function: Bulking Agent, Clouding Agent, Glazing Agent, Release Agent, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|---------|------|
| 04.1.1.2 | Surface-treated fresh fruit | GMP | | Adopted | 2003 |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 79 | Adopted | 2003 |
| 05.1.4 | Cocoa and chocolate products | GMP | Note 3 | Adopted | 2001 |
| 05.1.5 | Imitation chocolate, chocolate substitute products | GMP | Note 3 | Adopted | 2001 |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | GMP | Note 3 | Adopted | 2001 |
| 05.3 | Chewing gum | GMP | | Adopted | 2003 |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | GMP | | Adopted | 2003 |
| 07.2 | Fine bakery wares (sweet, salty, savoury) and mixes | GMP | Note 3 | Adopted | 2001 |
| 13.6 | Food supplements | GMP | Note 3 | Adopted | 2001 |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 200 mg/kg | Note 131 | Adopted | 2006 |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | Note 108 | Adopted | 2001 |
| 15.0 | Ready-to-eat savouries | GMP | Note 3 | Adopted | 2001 |

BEET RED

Beet Red

INS: 162

BEET RED

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|------|------|
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Note 16 | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 16 | 7 | |
| 06.1 | Whole, broken, or flaked grain, including rice | GMP | | 7 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 7 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | Note 16 | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | Note 117 | 7 | |
| 09.1.1 | Fresh fish | GMP | Note 50 | 7 | |
| 09.1.2 | Fresh mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.4.1 | Cooked fish and fish products | GMP | | 7 | |
| 09.2.4.2 | Cooked mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.4.3 | Fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 22 | 7 | |
| 10.1 | Fresh eggs | GMP | Note 4 | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | 20 mg/kg | Note 84 | 4 | |
| 14.2.3.2 | Sparkling and semi-sparkling grape wines | GMP | | 7 | |
| 14.2.3.3 | Fortified grape wine, grape liquor wine, and sweet grape wine | GMP | | 7 | |

BENZOATES

| | | | |
|--------------------|----------|------------------|----------|
| Benzoic Acid | INS: 210 | Sodium Benzoate | INS: 211 |
| Potassium Benzoate | INS: 212 | Calcium Benzoate | INS: 213 |

Function: Preservative

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--------------|----------|----------|------|------|
|-----------|--------------|----------|----------|------|------|

BENZOATES

Function: Preservative

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|---------|------|
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 300 mg/kg | Note 13 | Adopted | 2001 |
| 02.2.1.2 | Margarine and similar products | 1000 mg/kg | Note 13 | Adopted | 2001 |
| 02.2.2 | Emulsions containing less than 80% fat | 1000 mg/kg | Note 13 | Adopted | 2001 |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | 1000 mg/kg | Note 13 | Adopted | 2001 |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 1000 mg/kg | Note 13 | Adopted | 2001 |
| 04.1.2.2 | Dried fruit | 800 mg/kg | Note 13 | Adopted | 2003 |
| 04.1.2.3 | Fruit in vinegar, oil, or brine | 1000 mg/kg | Note 13 | Adopted | 2001 |
| 04.1.2.5 | Jams, jellies, marmelades | 1000 mg/kg | Note 13 | Adopted | 2001 |
| 04.1.2.5 | Jams, jellies, marmelades | 1500 mg/kg | Note 13 | 3 | |
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | 1000 mg/kg | Note 13 | Adopted | 2001 |
| 04.1.2.7 | Candied fruit | 1000 mg/kg | Note 13 | Adopted | 2001 |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 1000 mg/kg | Note 13 | Adopted | 2001 |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 1000 mg/kg | Note 13 | Adopted | 2001 |
| 04.1.2.10 | Fermented fruit products | 1000 mg/kg | Note 13 | Adopted | 2001 |
| 04.1.2.11 | Fruit fillings for pastries | 1000 mg/kg | Note 13 | Adopted | 2001 |
| 04.1.2.12 | Cooked fruit | 1000 mg/kg | Note 13 | Adopted | 2001 |
| 04.2.2.2 | Dried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 1000 mg/kg | Note 13 | Adopted | 2003 |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 2000 mg/kg | Note 13 | Adopted | 2001 |
| 04.2.2.5 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed purees and spreads (e.g., peanut butter) | 1000 mg/kg | Note 13 | Adopted | 2001 |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 3000 mg/kg | Note 13 | Adopted | 2001 |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 1000 mg/kg | Note 13 | Adopted | 2001 |
| 04.2.2.8 | Cooked or fried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 1000 mg/kg | Note 13 | Adopted | 2001 |
| 05.1.3 | Cocoa-based spreads, including fillings | 1500 mg/kg | Note 13 | Adopted | 2003 |
| 05.1.5 | Imitation chocolate, chocolate substitute products | 1500 mg/kg | Note 13 | Adopted | 2003 |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 1500 mg/kg | Note 13 | Adopted | 2003 |

BENZOATES

Function: Preservative

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|-------------------------|---------|------|
| 05.3 | Chewing gum | 1500 mg/kg | Note 13 | Adopted | 2005 |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 1500 mg/kg | Note 13 | Adopted | 2003 |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 1000 mg/kg | Note 13 | Adopted | 2004 |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 1000 mg/kg | Note 13 | Adopted | 2003 |
| 07.0 | Bakery wares | 1000 mg/kg | Note 13 | Adopted | 2004 |
| 08.2.1.2 | Cured (including salted) and dried non-heat treated processed meat, poultry, and game products in whole pieces or cuts | 1000 mg/kg | Notes 3 & 13 | Adopted | 2005 |
| 08.3.1.2 | Cured (including salted) and dried non-heat treated processed comminuted meat, poultry, and game products | 1000 mg/kg | Notes 3 & 13 | Adopted | 2005 |
| 09.2.4.2 | Cooked mollusks, crustaceans, and echinoderms | 2000 mg/kg | Notes 13 & 82 | Adopted | 2003 |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | 200 mg/kg | Notes 13 & 121 | Adopted | 2004 |
| 09.3 | Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms | 2000 mg/kg | Notes 13 & 120 | Adopted | 2003 |
| 10.2.1 | Liquid egg products | 5000 mg/kg | Note 13 | Adopted | 2003 |
| 10.4 | Egg-based desserts (e.g., custard) | 1000 mg/kg | Note 13 | Adopted | 2003 |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 1000 mg/kg | Note 13 | Adopted | 2003 |
| 11.6 | Table-top sweeteners, including those containing high-intensity sweeteners | 2000 mg/kg | Note 13 | Adopted | 2003 |
| 12.2.2 | Seasonings and condiments | 1000 mg/kg | Note 13 | Adopted | 2003 |
| 12.3 | Vinegars | 1000 mg/kg | Note 13 | Adopted | 2003 |
| 12.4 | Mustards | 1000 mg/kg | Note 13 | Adopted | 2003 |
| 12.5 | Soups and broths | 500 mg/kg | Note 13 | Adopted | 2001 |
| 12.6 | Sauces and like products | 1000 mg/kg | Note 13 | Adopted | 2003 |
| 12.7 | Salads (e.g., macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories 04.2.2.5 and 05.1.3 | 1500 mg/kg | Note 13 | Adopted | 2003 |
| 12.9.1.3 | Other soybean protein products (including non-fermented soy sauce) | 1000 mg/kg | Note 13 | Adopted | 2006 |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 1500 mg/kg | Note 13 | Adopted | 2003 |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 1500 mg/kg | Note 13 | Adopted | 2003 |
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | 2000 mg/kg | Note 13 | Adopted | 2003 |
| 13.6 | Food supplements | 2000 mg/kg | Note 13 | Adopted | 2003 |
| 14.1.2.1 | Fruit juice | 1000 mg/kg | Notes 13, 91 & 122 | Adopted | 2004 |
| 14.1.2.3 | Concentrates for fruit juice | 1000 mg/kg | Notes 13, 91, 122 & 127 | Adopted | 2004 |

BENZOATES

Function: Preservative

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|-------------------------|-----------|------|
| 14.1.3.1 | Fruit nectar | 1000 mg/kg | Notes 13, 91 & 122 | Adopted | 2004 |
| 14.1.3.3 | Concentrates for fruit nectar | 1000 mg/kg | Notes 13, 91, 122 & 127 | Adopted | 2004 |
| 14.1.3.4 | Concentrates for vegetable nectar | 600 mg/kg | Note 13 | Adopted | 2004 |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 600 mg/kg | Notes 13 & 123 | 8 interim | 2004 |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 1000 mg/kg | Note 13 | Adopted | 2004 |
| 14.2.2 | Cider and perry | 1000 mg/kg | Notes 13 & 124 | Adopted | 2004 |
| 14.2.4 | Wines (other than grape) | 1000 mg/kg | Note 13 | Adopted | 2003 |
| 14.2.5 | Mead | 1000 mg/kg | Note 13 | Adopted | 2004 |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 1000 mg/kg | Note 13 | Adopted | 2003 |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 1000 mg/kg | Note 13 | Adopted | 2004 |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 1000 mg/kg | Note 13 | Adopted | 2004 |

BENZOYL PEROXIDE

Benzoyl Peroxide

INS: 928

Function: Bleaching Agent (Not for Flour), Flour Treatment Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|---------|------|
| 01.6.2.1 | Ripened cheese, includes rind | 1000 mg/kg | Note 55 | 6 | |
| 01.8.1 | Liquid whey and whey products, excluding whey cheeses | GMP | | 6 | |
| 01.8.2 | Dried whey and whey products, excluding whey cheeses | 100 mg/kg | Note 147 | Adopted | 2005 |
| 06.2.1 | Flours | 66 mg/kg | | 6 | |

BHA

Butylated Hydroxyanisole

INS: 320

Function: Antioxidant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--------------------------------------|-----------|----------------|---------|------|
| 01.3.2 | Beverage whiteners | 100 mg/kg | Note 15 | 3 | |
| 01.5.1 | Milk powder and cream powder (plain) | 100 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 02.1.1 | Butter oil, anhydrous milkfat, ghee | 175 mg/kg | Notes 15 & 133 | Adopted | 2006 |
| 02.1.2 | Vegetable oils and fats | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |

BHA

Function: Antioxidant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|---------------------|---------|------|
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 02.2.1.2 | Margarine and similar products | 200 mg/kg | Notes 15 & 130 | Adopted | 2005 |
| 02.2.1.2 | Margarine and similar products | 175 mg/kg | Notes 15 & 133 | 6 | |
| 02.2.1.3 | Blends of butter and margarine | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 02.2.2 | Emulsions containing less than 80% fat | 200 mg/kg | Notes 15 & 130 | Adopted | 2005 |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 03.0 | Edible ices, including sherbet and sorbet | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 04.2.2.2 | Dried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 200 mg/kg | Notes 15, 76 & 130 | Adopted | 2005 |
| 05.1.4 | Cocoa and chocolate products | 200 mg/kg | Notes 15, 130 & 141 | Adopted | 2006 |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 200 mg/kg | Notes 15 & 130 | 6 | |
| 05.3 | Chewing gum | 400 mg/kg | Note 130 | Adopted | 2006 |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 200 mg/kg | Notes 15 & 130 | 6 | |
| 06.3 | Breakfast cereals, including rolled oats | 200 mg/kg | Notes 15 & 130 | Adopted | 2005 |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 07.0 | Bakery wares | 200 mg/kg | Notes 15 & 130 | 6 | |
| 07.2.3 | Mixes for fine bakery wares (e.g., cakes, pancakes) | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 08.2 | Processed meat, poultry, and game products in whole pieces or cuts | 200 mg/kg | Notes 15 & 130 | Adopted | 2005 |
| 08.3 | Processed comminuted meat, poultry, and game products | 200 mg/kg | Notes 15 & 130 | Adopted | 2005 |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 09.3 | Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 12.2 | Herbs, spices, seasonings and condiments (e.g., seasoning for instant noodles) | 200 mg/kg | Notes 15 & 130 | Adopted | 2005 |
| 12.5 | Soups and broths | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |

BHA

Function: Antioxidant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|----------------|---------|------|
| 12.6 | Sauces and like products | 200 mg/kg | Notes 15 & 130 | Adopted | 2005 |
| 12.8 | Yeast and like products | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 13.6 | Food supplements | 400 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 200 mg/kg | Notes 15 & 130 | Adopted | 2005 |
| 15.2 | Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit) | 200 mg/kg | Notes 15 & 130 | Adopted | 2005 |

BHT

Butylated Hydroxytoluene

INS: 321

Function: Adjuvant, Antioxidant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|---------------------|---------|------|
| 01.3.2 | Beverage whiteners | 100 mg/kg | Note 15 | 3 | |
| 01.5.1 | Milk powder and cream powder (plain) | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 02.1.1 | Butter oil, anhydrous milkfat, ghee | 75 mg/kg | Notes 15 & 133 | Adopted | 2006 |
| 02.1.2 | Vegetable oils and fats | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 02.2.1.2 | Margarine and similar products | 500 mg/kg | Notes 15 & 130 | 6 | |
| 02.2.1.2 | Margarine and similar products | 75 mg/kg | Notes 15 & 133 | 3 | |
| 02.2.1.3 | Blends of butter and margarine | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 02.2.2 | Emulsions containing less than 80% fat | 200 mg/kg | Notes 15 & 130 | Adopted | 2005 |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 03.0 | Edible ices, including sherbet and sorbet | 100 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 04.2.2.2 | Dried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 200 mg/kg | Notes 15, 76 & 130 | Adopted | 2005 |
| 05.1.4 | Cocoa and chocolate products | 200 mg/kg | Notes 15, 130 & 141 | Adopted | 2006 |
| 05.1.5 | Imitation chocolate, chocolate substitute products | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 200 mg/kg | Notes 15 & 130 | 6 | |
| 05.3 | Chewing gum | 400 mg/kg | Note 130 | Adopted | 2006 |

BHT

Function: Adjuvant, Antioxidant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------------|---------|------|
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 200 mg/kg | Notes 15 & 130 | 6 | |
| 06.3 | Breakfast cereals, including rolled oats | 100 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 07.0 | Bakery wares | 200 mg/kg | Notes 15 & 130 | 6 | |
| 07.2.3 | Mixes for fine bakery wares (e.g., cakes, pancakes) | 100 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 08.2 | Processed meat, poultry, and game products in whole pieces or cuts | 100 mg/kg | Notes 15 & 130 | 6 | |
| 08.3 | Processed comminuted meat, poultry, and game products | 100 mg/kg | Notes 15 & 130 | 6 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 09.3 | Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 12.2 | Herbs, spices, seasonings and condiments (e.g., seasoning for instant noodles) | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 12.5 | Soups and broths | 100 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 12.6 | Sauces and like products | 100 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 13.6 | Food supplements | 400 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 15.0 | Ready-to-eat savouries | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |

BLEACHED STARCH

Bleached Starch

INS: 1403

Function: Bulking Agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | GMP | | 4 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 10000 mg/kg | | 7 | |

BLEACHED STARCH

Function: Bulking Agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|------|------|
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 10000 mg/kg | | 7 | |

BRILLIANT BLACK PN

Brilliant Black PN

INS: 151

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|----------|------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 150 mg/kg | | 7 | |
| 01.6.1 | Unripened cheese | GMP | Note 3 | 7 | |
| 01.6.2.2 | Rind of ripened cheese | GMP | | 7 | |
| 01.6.4 | Processed cheese | 200 mg/kg | | 7 | |
| 01.6.5 | Cheese analogues | GMP | Note 3 | 7 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 150 mg/kg | | 7 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 150 mg/kg | | 7 | |
| 03.0 | Edible ices, including sherbet and sorbet | 150 mg/kg | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | 500 mg/kg | Note 16 | 7 | |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | 200 mg/kg | | 7 | |
| 04.1.2.5 | Jams, jellies, marmelades | 500 mg/kg | | 7 | |
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | 500 mg/kg | | 7 | |
| 04.1.2.7 | Candied fruit | 200 mg/kg | | 7 | |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 500 mg/kg | | 7 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 150 mg/kg | | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 500 mg/kg | Note 16 | 7 | |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 500 mg/kg | | 7 | |
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 200 mg/kg | | 7 | |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 200 mg/kg | | 7 | |
| 05.1.4 | Cocoa and chocolate products | 300 mg/kg | | 7 | |
| 05.1.5 | Imitation chocolate, chocolate substitute products | 300 mg/kg | | 7 | |

BRILLIANT BLACK PN

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|------|------|
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 300 mg/kg | | 7 | |
| 05.3 | Chewing gum | 300 mg/kg | | 7 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 500 mg/kg | | 7 | |
| 06.3 | Breakfast cereals, including rolled oats | 200 mg/kg | | 7 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 150 mg/kg | | 7 | |
| 07.2 | Fine bakery wares (sweet, salty, savoury) and mixes | 200 mg/kg | | 7 | |
| 08.0 | Meat and meat products, including poultry and game | 500 mg/kg | Note 16 | 7 | |
| 09.1.1 | Fresh fish | 300 mg/kg | Note 50 | 7 | |
| 09.1.2 | Fresh mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 95 | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | 7 | |
| 09.2.4.1 | Cooked fish and fish products | 500 mg/kg | | 7 | |
| 09.2.4.2 | Cooked mollusks, crustaceans, and echinoderms | 250 mg/kg | | 7 | |
| 09.2.4.3 | Fried fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 22 | 7 | |
| 09.3.1 | Fish and fish products, including mollusks, crustaceans, and echinoderms, marinated and/or in jelly | 500 mg/kg | Note 16 | 7 | |
| 09.3.2 | Fish and fish products, including mollusks, crustaceans, and echinoderms, pickled and/or in brine | 500 mg/kg | Note 16 | 7 | |
| 09.3.3 | Salmon substitutes, caviar, and other fish roe products | 500 mg/kg | | 7 | |
| 09.3.4 | Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms (e.g., fish paste), excluding products of food categories 09.3.1 - 09.3.3 | 500 mg/kg | | 7 | |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | | 7 | |
| 10.1 | Fresh eggs | GMP | Note 4 | 7 | |
| 10.4 | Egg-based desserts (e.g., custard) | 150 mg/kg | | 7 | |
| 12.2.2 | Seasonings and condiments | 500 mg/kg | | 7 | |
| 12.4 | Mustards | 300 mg/kg | | 7 | |
| 12.5 | Soups and broths | 300 mg/kg | | 7 | |
| 12.6 | Sauces and like products | 500 mg/kg | | 7 | |
| 12.9.5 | Other protein products | 100 mg/kg | | 7 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 50 mg/kg | | 7 | |

BRILLIANT BLACK PN

| Function: | Colour | | | | |
|-----------|---|-----------|----------|------|------|
| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 50 mg/kg | | 7 | |
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | 300 mg/kg | | 7 | |
| 13.6 | Food supplements | 300 mg/kg | | 7 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 100 mg/kg | | 7 | |
| 14.2.2 | Cider and perry | 200 mg/kg | | 7 | |
| 14.2.4 | Wines (other than grape) | 200 mg/kg | | 7 | |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | 200 mg/kg | | 7 | |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 200 mg/kg | | 7 | |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 200 mg/kg | | 7 | |
| 15.2 | Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit) | 100 mg/kg | | 7 | |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 500 mg/kg | | 7 | |

BRILLIANT BLUE FCF

Brilliant Blue FCF

INS: 133

| Function: | Colour | | | | |
|-----------|---|-----------|----------|---------|------|
| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 150 mg/kg | | Adopted | 2005 |
| 01.6.1 | Unripened cheese | 200 mg/kg | Note 3 | 3 | |
| 01.6.2.2 | Rind of ripened cheese | 100 mg/kg | | Adopted | 2005 |
| 01.6.5 | Cheese analogues | 200 mg/kg | Note 3 | 3 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 150 mg/kg | | Adopted | 2005 |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | 100 mg/kg | | Adopted | 2005 |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 150 mg/kg | | Adopted | 2005 |
| 03.0 | Edible ices, including sherbet and sorbet | 150 mg/kg | | Adopted | 2005 |
| 04.1.1.2 | Surface-treated fresh fruit | 500 mg/kg | Note 16 | 6 | |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | 200 mg/kg | | 6 | |
| 04.1.2.5 | Jams, jellies, marmelades | 500 mg/kg | | 6 | |
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | 500 mg/kg | | 6 | |
| 04.1.2.7 | Candied fruit | 200 mg/kg | | 6 | |

BRILLIANT BLUE FCF

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|----------|---------|------|
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 500 mg/kg | | 6 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 150 mg/kg | | Adopted | 2005 |
| 04.1.2.11 | Fruit fillings for pastries | 250 mg/kg | | Adopted | 2005 |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 500 mg/kg | | 6 | |
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 200 mg/kg | | 6 | |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 200 mg/kg | | 6 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 500 mg/kg | | 3 | |
| 05.1.3 | Cocoa-based spreads, including fillings | 100 mg/kg | | 6 | |
| 05.1.4 | Cocoa and chocolate products | 100 mg/kg | | 6 | |
| 05.1.5 | Imitation chocolate, chocolate substitute products | 100 mg/kg | | 6 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 300 mg/kg | | Adopted | 2005 |
| 05.3 | Chewing gum | 300 mg/kg | | Adopted | 2005 |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 500 mg/kg | | Adopted | 2005 |
| 06.3 | Breakfast cereals, including rolled oats | 200 mg/kg | | Adopted | 2005 |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 150 mg/kg | | Adopted | 2005 |
| 07.1 | Bread and ordinary bakery wares | 100 mg/kg | | 6 | |
| 07.2 | Fine bakery wares (sweet, salty, savoury) and mixes | 200 mg/kg | | 6 | |
| 08.0 | Meat and meat products, including poultry and game | 500 mg/kg | Note 16 | 6 | |
| 09.1.1 | Fresh fish | 300 mg/kg | Note 50 | Adopted | 2005 |
| 09.1.2 | Fresh mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | Adopted | 2005 |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 95 | Adopted | 2005 |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | Adopted | 2005 |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | Adopted | 2005 |
| 09.2.4.1 | Cooked fish and fish products | 500 mg/kg | | 6 | |
| 09.2.4.2 | Cooked mollusks, crustaceans, and echinoderms | 250 mg/kg | | 6 | |
| 09.2.4.3 | Fried fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | Adopted | 2005 |

BRILLIANT BLUE FCF

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|---------|------|
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 22 | 6 | |
| 09.3.1 | Fish and fish products, including mollusks, crustaceans, and echinoderms, marinated and/or in jelly | 500 mg/kg | Note 16 | Adopted | 2005 |
| 09.3.2 | Fish and fish products, including mollusks, crustaceans, and echinoderms, pickled and/or in brine | 500 mg/kg | Note 16 | Adopted | 2005 |
| 09.3.3 | Salmon substitutes, caviar, and other fish roe products | 500 mg/kg | | Adopted | 2005 |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | | Adopted | 2005 |
| 10.1 | Fresh eggs | GMP | Note 4 | Adopted | 2005 |
| 10.4 | Egg-based desserts (e.g., custard) | 150 mg/kg | | Adopted | 2005 |
| 12.2.2 | Seasonings and condiments | 500 mg/kg | | 6 | |
| 12.4 | Mustards | 300 mg/kg | | 6 | |
| 12.5 | Soups and broths | 300 mg/kg | | 6 | |
| 12.6 | Sauces and like products | 500 mg/kg | | 6 | |
| 12.9.5 | Other protein products | 100 mg/kg | | 6 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 50 mg/kg | | Adopted | 2005 |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 50 mg/kg | | Adopted | 2005 |
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | 300 mg/kg | | Adopted | 2005 |
| 13.6 | Food supplements | 300 mg/kg | | Adopted | 2005 |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 100 mg/kg | | Adopted | 2005 |
| 14.2.2 | Cider and perry | 200 mg/kg | | Adopted | 2005 |
| 14.2.4 | Wines (other than grape) | 200 mg/kg | | Adopted | 2005 |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | 200 mg/kg | | Adopted | 2005 |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 200 mg/kg | | Adopted | 2005 |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 200 mg/kg | | Adopted | 2005 |
| 15.2 | Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit) | 100 mg/kg | | Adopted | 2005 |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 100 mg/kg | Note 2 | 6 | |

BROMELAIN

Bromelain

INS: 1101iii

Function: Flavour Enhancer, Flour Treatment Agent, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|------|------|
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | | 7 | |

BROMELAIN

Function: Flavour Enhancer, Flour Treatment Agent, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|----------|------|------|
| 14.2.3.2 | Sparkling and semi-sparkling grape wines | GMP | | 7 | |

BROWN HT

Brown HT

INS: 155

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|----------|------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 150 mg/kg | | 7 | |
| 01.6.1 | Unripened cheese | GMP | Note 3 | 7 | |
| 01.6.2.2 | Rind of ripened cheese | GMP | | 7 | |
| 01.6.4 | Processed cheese | 200 mg/kg | | 7 | |
| 01.6.5 | Cheese analogues | GMP | Note 3 | 7 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 150 mg/kg | | 7 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 150 mg/kg | | 7 | |
| 03.0 | Edible ices, including sherbet and sorbet | 150 mg/kg | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | 500 mg/kg | Note 16 | 7 | |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | 200 mg/kg | | 7 | |
| 04.1.2.5 | Jams, jellies, marmelades | 500 mg/kg | | 7 | |
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | 500 mg/kg | | 7 | |
| 04.1.2.7 | Candied fruit | 200 mg/kg | | 7 | |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 500 mg/kg | | 7 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 150 mg/kg | | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 500 mg/kg | Note 16 | 7 | |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 500 mg/kg | | 7 | |
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 200 mg/kg | | 7 | |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 200 mg/kg | | 7 | |
| 05.1.4 | Cocoa and chocolate products | 80 mg/kg | | 7 | |
| 05.1.5 | Imitation chocolate, chocolate substitute products | 80 mg/kg | | 7 | |

BROWN HT

| Function: | Colour | | | | |
|-----------|---|-----------|----------|------|------|
| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 300 mg/kg | | 7 | |
| 05.3 | Chewing gum | 300 mg/kg | | 7 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 500 mg/kg | | 7 | |
| 06.3 | Breakfast cereals, including rolled oats | 200 mg/kg | | 7 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 150 mg/kg | | 7 | |
| 07.2 | Fine bakery wares (sweet, salty, savoury) and mixes | 200 mg/kg | | 7 | |
| 08.0 | Meat and meat products, including poultry and game | 500 mg/kg | Note 16 | 7 | |
| 09.1.1 | Fresh fish | 300 mg/kg | Note 50 | 7 | |
| 09.1.2 | Fresh mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 95 | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | 7 | |
| 09.2.4.1 | Cooked fish and fish products | 500 mg/kg | | 7 | |
| 09.2.4.2 | Cooked mollusks, crustaceans, and echinoderms | 250 mg/kg | | 7 | |
| 09.2.4.3 | Fried fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 22 | 7 | |
| 09.3.1 | Fish and fish products, including mollusks, crustaceans, and echinoderms, marinated and/or in jelly | 500 mg/kg | Note 16 | 7 | |
| 09.3.2 | Fish and fish products, including mollusks, crustaceans, and echinoderms, pickled and/or in brine | 500 mg/kg | Note 16 | 7 | |
| 09.3.3 | Salmon substitutes, caviar, and other fish roe products | 500 mg/kg | | 7 | |
| 09.3.4 | Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms (e.g., fish paste), excluding products of food categories 09.3.1 - 09.3.3 | 500 mg/kg | | 7 | |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | | 7 | |
| 10.1 | Fresh eggs | GMP | Note 4 | 7 | |
| 10.4 | Egg-based desserts (e.g., custard) | 50 mg/kg | | 7 | |
| 12.2.2 | Seasonings and condiments | 500 mg/kg | | 7 | |
| 12.4 | Mustards | 300 mg/kg | | 7 | |
| 12.5 | Soups and broths | 300 mg/kg | | 7 | |
| 12.6 | Sauces and like products | 500 mg/kg | | 7 | |
| 12.9.5 | Other protein products | 100 mg/kg | | 7 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 50 mg/kg | | 7 | |

BROWN HT

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|------|------|
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 50 mg/kg | | 7 | |
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | 300 mg/kg | | 7 | |
| 13.6 | Food supplements | 300 mg/kg | | 7 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 100 mg/kg | | 7 | |
| 14.2.2 | Cider and perry | 200 mg/kg | | 7 | |
| 14.2.4 | Wines (other than grape) | 200 mg/kg | | 7 | |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | 200 mg/kg | | 7 | |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 200 mg/kg | | 7 | |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 200 mg/kg | | 7 | |
| 15.2 | Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit) | 100 mg/kg | | 7 | |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 500 mg/kg | | 7 | |

CALCIUM ACETATE

Calcium Acetate

INS: 263

Function: Acidity Regulator, Preservative, Stabilizer, Thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|------|------|
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 1500 mg/kg | | 7 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |

CALCIUM ALGINATE

Calcium Alginate

INS: 404

Function: Antifoaming Agent, Emulsifier, Stabilizer, Thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|------|------|
| 01.1.1.2 | Buttermilk (plain) | 6000 mg/kg | | 7 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | 5000 mg/kg | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | 1000 mg/kg | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | 5000 mg/kg | | 7 | |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | | 7 | |

CALCIUM ALGINATE

Function: Antifoaming Agent, Emulsifier, Stabilizer, Thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 5000 mg/kg | | 7 | |
| 10.2.1 | Liquid egg products | 6000 mg/kg | | 7 | |
| 10.2.2 | Frozen egg products | 6000 mg/kg | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 10000 mg/kg | | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | 5000 mg/kg | | 4 | |
| 13.2 | Complementary foods for infants and young children | 5000 mg/kg | | 7 | |
| 14.2.3.2 | Sparkling and semi-sparkling grape wines | GMP | | 7 | |

CALCIUM ALUMINIUM SILICATE (SYNTHETIC)

Calcium Aluminium Silicate

INS: 556

Function: Anticaking Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|---------|------|
| 01.8.2 | Dried whey and whey products, excluding whey cheeses | 10000 mg/kg | | Adopted | 2006 |
| 06.1 | Whole, broken, or flaked grain, including rice | GMP | | 7 | |
| 11.1.2 | Powdered sugar, powdered dextrose | 15000 mg/kg | Note 56 | Adopted | 2006 |
| 12.1.1 | Salt | GMP | | Adopted | 2006 |
| 12.1.2 | Salt Substitutes | 10000 mg/kg | | 7 | |
| 14.2.3 | Grape wines | GMP | | 7 | |

CALCIUM ASCORBATE

Calcium Ascorbate

INS: 302

Function: Antioxidant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|----------|------|------|
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 04.1.1 | Fresh fruit | GMP | | 7 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 06.4.1 | Fresh pastas and noodles and like products | 200 mg/kg | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | 200 mg/kg | | 4 | |

CALCIUM ASCORBATE

Function: Antioxidant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|---------------|---------|------|
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 400 mg/kg | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 15 | 7 | |
| 13.1.2 | Follow-up formulae | 50 mg/kg | Notes 70 & 72 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | 3000 mg/kg | | 4 | |
| 13.2 | Complementary foods for infants and young children | 3000 mg/kg | | 7 | |
| 14.1.2.1 | Fruit juice | GMP | | Adopted | 2005 |
| 14.1.2.3 | Concentrates for fruit juice | GMP | Note 127 | Adopted | 2005 |
| 14.1.3.1 | Fruit nectar | GMP | | Adopted | 2005 |
| 14.1.3.3 | Concentrates for fruit nectar | GMP | Note 127 | Adopted | 2005 |
| 14.2.3 | Grape wines | GMP | | 7 | |

CALCIUM CARBONATE

Calcium Carbonate

INS: 170i

Function: Anticaking Agent, Acidity regulator, Colour, Emulsifier, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|---------|------|
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 4 | |
| 01.2.2 | Renneted milk (plain) | GMP | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | 5000 mg/kg | | 7 | |
| 01.8.2 | Dried whey and whey products, excluding whey cheeses | 10000 mg/kg | | Adopted | 2006 |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Note 16 | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 16 | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 10000 mg/kg | Note 58 | 4 | |
| 06.1 | Whole, broken, or flaked grain, including rice | 2220 mg/kg | | 7 | |
| 06.2 | Flours and starches (including soybean powder) | 10000 mg/kg | Note 58 | 4 | |
| 06.2.1 | Flours | GMP | Note 57 | 7 | |
| 06.4.1 | Fresh pastas and noodles and like products | 10000 mg/kg | Note 58 | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | 10000 mg/kg | Note 58 | 4 | |

CALCIUM CARBONATE

Function: Anticaking Agent, Acidity regulator, Colour, Emulsifier, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|--------------|---------|------|
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | Note 16 | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | 1500 mg/kg | | 7 | |
| 09.1.1 | Fresh fish | GMP | Note 50 | 7 | |
| 09.1.2 | Fresh mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | 10000 mg/kg | Note 58 | 4 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 95 | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.4.1 | Cooked fish and fish products | GMP | | 7 | |
| 09.2.4.2 | Cooked mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.4.3 | Fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 10.1 | Fresh eggs | GMP | Note 4 | 7 | |
| 12.1.1 | Salt | GMP | | Adopted | 2006 |
| 12.1.2 | Salt Substitutes | 10000 mg/kg | Note 58 | 4 | |
| 12.2.1 | Herbs and spices | 10000 mg/kg | Notes 51& 58 | 4 | |
| 13.1.3 | Formulae for special medical purposes for infants | GMP | | 4 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 10000 mg/kg | Note 58 | 4 | |
| 14.2.3 | Grape wines | 3500 mg/kg | | 7 | |

CALCIUM CHLORIDE

Calcium Chloride

INS: 509

Function: Firming Agent, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|---------|------|
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 01.8.2 | Dried whey and whey products, excluding whey cheeses | GMP | | Adopted | 2006 |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 800 mg/kg | Note 58 | 7 | |

CALCIUM CHLORIDE

Function: Firming Agent, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|---------------|------|------|
| 04.2.1.3 | Peeled, cut or shredded fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 800 mg/kg | Note 58 | 7 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 4000 mg/kg | | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 10000 mg/kg | Note 58 | 4 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | 15000 mg/kg | | 7 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | 10000 mg/kg | Note 58 | 4 | |
| 12.1.2 | Salt Substitutes | 10000 mg/kg | Note 58 | 4 | |
| 12.2.1 | Herbs and spices | 10000 mg/kg | Notes 51 & 58 | 4 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 10000 mg/kg | Note 58 | 4 | |

CALCIUM CITRATES

Calcium Citrates

INS: 333

Function: Acidity Regulator, Antioxidant, Emulsifier, Firming Agent, Sequestrant, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|----------|------|------|
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | GMP | | 4 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |

CALCIUM GLUCONATE

Calcium Gluconate

INS: 578

CALCIUM GLUCONATE

Function: Acidity Regulator, Firming Agent, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|------|------|
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 800 mg/kg | Note 58 | 7 | |
| 04.2.1.3 | Peeled, cut or shredded fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 800 mg/kg | Note 58 | 7 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 1000 mg/kg | Note 58 | 7 | |

CALCIUM GLUTAMATE, DI-L-

Calcium Glutamate, Di-L- INS: 623

Function: Flavour Enhancer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|------------------|----------|----------|------|------|
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |

CALCIUM GUANYLATE, 5'-

Calcium Guanylate, 5'- INS: 629

Function: Flavour Enhancer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|------------------|----------|----------|------|------|
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |

CALCIUM HYDROXIDE

Calcium Hydroxide INS: 526

Function: Acidity Regulator, Firming Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|---------|------|
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 4 | |
| 01.8.2 | Dried whey and whey products, excluding whey cheeses | GMP | | Adopted | 2006 |
| 02.2.1.1 | Butter and concentrated butter | GMP | | Adopted | 2006 |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 800 mg/kg | Note 58 | 7 | |
| 04.2.1.3 | Peeled, cut or shredded fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 800 mg/kg | Note 58 | 7 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 1000 mg/kg | Note 58 | 7 | |

CALCIUM HYDROXIDE

Function: Acidity Regulator, Firming Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|------|------|
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | | 7 | |
| 13.1.1 | Infant formulae | GMP | Note 72 | 7 | |
| 13.1.2 | Follow-up formulae | GMP | Note 72 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | GMP | | 4 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |

CALCIUM INOSINATE, 5'-

Calcium Inosinate, 5'- INS: 633

Function: Flavour Enhancer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|------------------|----------|----------|------|------|
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |

CALCIUM LACTATE

Calcium Lactate INS: 327

Function: Acidity Regulator, Antioxidant, Emulsifier, Firming Agent, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|---------------|------|------|
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 4 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 4 | |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 10000 mg/kg | Note 58 | 4 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | 6000 mg/kg | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | 10000 mg/kg | Note 58 | 4 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | 10000 mg/kg | Note 58 | 4 | |
| 12.1.2 | Salt Substitutes | 10000 mg/kg | Note 58 | 4 | |
| 12.2.1 | Herbs and spices | 10000 mg/kg | Notes 51 & 58 | 4 | |
| 13.1.3 | Formulae for special medical purposes for infants | GMP | | 4 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |

CALCIUM LACTATE

Function: Acidity Regulator, Antioxidant, Emulsifier, Firming Agent, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|------|------|
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 10000 mg/kg | Note 58 | 4 | |

CALCIUM MALATE

Calcium Malate INS: 352ii

Function: Acidity Regulator

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--------------|----------|----------|------|------|
| 14.2.3 | Grape wines | GMP | | 7 | |

CALCIUM OXIDE

Calcium Oxide INS: 529

Function: Acidity Regulator, Flour Treatment Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|----------|------|------|
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 4 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | | 7 | |

CALCIUM PROPIONATE

Calcium Propionate INS: 282

Function: Preservative

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|---------|------|
| 01.6.6 | Whey protein cheese | 3000 mg/kg | Note 70 | Adopted | 2006 |
| 06.2 | Flours and starches (including soybean powder) | 1000 mg/kg | | 4 | |
| 06.4.1 | Fresh pastas and noodles and like products | 1000 mg/kg | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | 1000 mg/kg | | 4 | |

CALCIUM RIBONUCLEOTIDES, 5'-

Calcium Ribonucleotides, 5'- INS: 634

Function: Flavour Enhancer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|------|------|
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 4 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |

CALCIUM RIBONUCLEOTIDES, 5'-

Function: Flavour Enhancer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|------------------|----------|----------|------|------|
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |

CALCIUM SILICATE

Calcium Silicate INS: 552

Function: Anticaking Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|---------|------|
| 01.8.2 | Dried whey and whey products, excluding whey cheeses | 10000 mg/kg | | Adopted | 2006 |
| 11.1.2 | Powdered sugar, powdered dextrose | 15000 mg/kg | Note 56 | Adopted | 2006 |
| 12.1.1 | Salt | GMP | | Adopted | 2006 |
| 12.1.2 | Salt Substitutes | 10000 mg/kg | | 7 | |

CALCIUM SULPHATE

Calcium Sulphate INS: 516

Function: Acidity Regulator, Bulking agent, Firming Agent, Flour Treatment Agent, Sequestrant, Stabilizer, Thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|------|------|
| 01.4.1 | Pasteurized cream (plain) | GMP | | 3 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 3 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 800 mg/kg | Note 58 | 7 | |
| 04.2.1.3 | Peeled, cut or shredded fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 800 mg/kg | Note 58 | 7 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 3500 mg/kg | | 7 | |
| 06.2.1 | Flours | GMP | Note 57 | 7 | |
| 06.4.2 | Dried pastas and noodles and like products | 5000 mg/kg | | 7 | |
| 14.2.3.3 | Fortified grape wine, grape liquor wine, and sweet grape wine | 2000 mg/kg | | 7 | |

CANDELILLA WAX

Candelilla Wax INS: 902

Function: Bulking Agent, Carrier solvent, Clouding Agent, Glazing Agent, Release Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|-----------------------------|----------|----------|---------|------|
| 04.1.1.2 | Surface-treated fresh fruit | GMP | | Adopted | 2003 |

CANDELILLA WAX

Function: Bulking Agent, Carrier solvent, Clouding Agent, Glazing Agent, Release Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|---------|------|
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 79 | Adopted | 2003 |
| 05.1.4 | Cocoa and chocolate products | GMP | Note 3 | Adopted | 2001 |
| 05.1.5 | Imitation chocolate, chocolate substitute products | GMP | Note 3 | Adopted | 2001 |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | GMP | Note 3 | Adopted | 2001 |
| 05.3 | Chewing gum | GMP | | Adopted | 2003 |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | GMP | | Adopted | 2003 |
| 07.2 | Fine bakery wares (sweet, salty, savoury) and mixes | GMP | Note 3 | Adopted | 2001 |
| 13.6 | Food supplements | GMP | Note 3 | Adopted | 2001 |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 200 mg/kg | Note 131 | Adopted | 2006 |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | Note 108 | Adopted | 2001 |
| 15.0 | Ready-to-eat savouries | GMP | Note 3 | Adopted | 2001 |

CANTHAXANTHIN

Canthaxanthin

INS: 161g

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | GMP | | 6 | |
| 01.6.1 | Unripened cheese | GMP | | 6 | |
| 01.6.2 | Ripened cheese | GMP | | 6 | |
| 01.6.4 | Processed cheese | GMP | | 6 | |
| 01.6.5 | Cheese analogues | GMP | | 6 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | GMP | | 6 | |
| 02.1.2 | Vegetable oils and fats | GMP | | 6 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 6 | |
| 02.2.1.3 | Blends of butter and margarine | GMP | | 6 | |
| 02.2.2 | Emulsions containing less than 80% fat | GMP | | 6 | |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | GMP | | 6 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | GMP | | 6 | |
| 04.1.2.5 | Jams, jellies, marmelades | 200 mg/kg | | 6 | |

CANTHAXANTHIN

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|---------|------|
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | GMP | | 6 | |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | GMP | | 6 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | GMP | | 6 | |
| 04.1.2.11 | Fruit fillings for pastries | GMP | | 6 | |
| 04.2.2.2 | Dried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 8.2 mg/kg | | 6 | |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | GMP | | 6 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 50 mg/kg | | 6 | |
| 05.3 | Chewing gum | 300 mg/kg | | 6 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | GMP | | 6 | |
| 06.3 | Breakfast cereals, including rolled oats | 50 mg/kg | | 3 | |
| 06.3 | Breakfast cereals, including rolled oats | 35 mg/kg | | 6 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 6 | |
| 06.4.3 | Pre-cooked pastas and noodles and like products | GMP | | 6 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | GMP | | 6 | |
| 07.0 | Bakery wares | GMP | | 6 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | 1000 mg/kg | Note 94 | 6 | |
| 08.3.1.1 | Cured (including salted) non-heat treated processed comminuted meat, poultry, and game products | 100 mg/kg | Note 118 | 6 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 6 | |
| 09.2.4.1 | Cooked fish and fish products | 200 mg/kg | | 6 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 22 | 6 | |
| 09.3.3 | Salmon substitutes, caviar, and other fish roe products | GMP | | 6 | |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 100 mg/kg | | 6 | |
| 10.1 | Fresh eggs | GMP | Note 4 | Adopted | 2005 |
| 10.4 | Egg-based desserts (e.g., custard) | GMP | | 6 | |
| 11.3 | Sugar solutions and syrups, also (partially) inverted, including treacle and molasses, excluding products of food category 11.1.3 | GMP | | 6 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 6 | |
| 12.2.2 | Seasonings and condiments | GMP | | 6 | |
| 12.5.2 | Mixes for soups and broths | 100 mg/kg | | 6 | |

CANTHAXANTHIN

| Function: | Colour | | | | |
|-----------|--|-----------|----------|------|------|
| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
| 12.6 | Sauces and like products | 100 mg/kg | | 6 | |
| 14.1.4.2 | Non-carbonated water-based flavoured drinks, including punches and ades | 5 mg/kg | | 6 | |
| 14.1.4.3 | Concentrates (liquid or solid) for water-based flavoured drinks | 100 mg/kg | | 6 | |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | 5 mg/kg | | 6 | |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 5 mg/kg | | 3 | |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | GMP | | 6 | |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | GMP | Note 2 | 6 | |

CARAMEL COLOUR, CLASS I

Caramel Colour, Class I - Plain

INS: 150a

| Function: | Colour | | | | |
|-----------|---|----------|----------|------|------|
| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Note 16 | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 16 | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 4 | |
| 06.1 | Whole, broken, or flaked grain, including rice | GMP | | 7 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 7 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | Note 16 | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | | 7 | |
| 09.1.1 | Fresh fish | GMP | Note 50 | 7 | |
| 09.1.2 | Fresh mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 95 | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 41 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.4.1 | Cooked fish and fish products | GMP | | 7 | |
| 09.2.4.2 | Cooked mollusks, crustaceans, and echinoderms | GMP | | 7 | |

CARAMEL COLOUR, CLASS I

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|----------|------|------|
| 09.2.4.3 | Fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 10.1 | Fresh eggs | GMP | Note 4 | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 4 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 4 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 4 | |
| 14.2.3 | Grape wines | GMP | | 7 | |

CARAMEL COLOUR, CLASS II

Caramel Colour, Class II-caustic sulphate process INS: 150b

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 50000 mg/kg | | 4 | |
| 01.6.1 | Unripened cheese | 50000 mg/kg | | 4 | |
| 01.6.2 | Ripened cheese | 50000 mg/kg | | 4 | |
| 01.6.4 | Processed cheese | 50000 mg/kg | | 4 | |
| 01.6.5 | Cheese analogues | 50000 mg/kg | | 4 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 50000 mg/kg | | 4 | |
| 01.8.1 | Liquid whey and whey products, excluding whey cheeses | 50000 mg/kg | | 4 | |
| 02.1.2 | Vegetable oils and fats | 20000 mg/kg | | 4 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 20000 mg/kg | | 4 | |
| 02.2.1.3 | Blends of butter and margarine | 20000 mg/kg | | 4 | |
| 02.2.2 | Emulsions containing less than 80% fat | 20000 mg/kg | | 4 | |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | 20000 mg/kg | | 4 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 20000 mg/kg | | 4 | |
| 03.0 | Edible ices, including sherbet and sorbet | 30000 mg/kg | | 4 | |
| 04.1.2 | Processed fruit | 80000 mg/kg | | 4 | |
| 04.2.2 | Processed vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 80000 mg/kg | | 4 | |
| 05.0 | Confectionery | 50000 mg/kg | | 4 | |
| 06.3 | Breakfast cereals, including rolled oats | 50000 mg/kg | | 4 | |

CARAMEL COLOUR, CLASS II

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|--------------|----------|------|------|
| 06.4.2 | Dried pastas and noodles and like products | 50000 mg/kg | | 4 | |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 50000 mg/kg | | 4 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 50000 mg/kg | | 4 | |
| 06.6 | Batters (e.g., for breading or batters for fish or poultry) | 50000 mg/kg | | 4 | |
| 06.7 | Pre-cooked or processed rice products, including rice cakes (Oriental type only) | 50000 mg/kg | | 4 | |
| 07.0 | Bakery wares | 50000 mg/kg | | 4 | |
| 08.0 | Meat and meat products, including poultry and game | 200000 mg/kg | Note 16 | 4 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | 30000 mg/kg | Note 16 | 4 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | 30000 mg/kg | | 4 | |
| 09.3 | Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms | 30000 mg/kg | | 4 | |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 30000 mg/kg | | 4 | |
| 10.1 | Fresh eggs | 20000 mg/kg | Note 4 | 4 | |
| 10.2 | Egg products | 20000 mg/kg | | 4 | |
| 10.3 | Preserved eggs, including alkaline, salted, and canned eggs | 20000 mg/kg | | 4 | |
| 10.4 | Egg-based desserts (e.g., custard) | 20000 mg/kg | | 4 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 50000 mg/kg | | 4 | |
| 11.6 | Table-top sweeteners, including those containing high-intensity sweeteners | 50000 mg/kg | | 4 | |
| 12.2 | Herbs, spices, seasonings and condiments (e.g., seasoning for instant noodles) | 100000 mg/kg | | 4 | |
| 12.3 | Vinegars | 100000 mg/kg | | 4 | |
| 12.4 | Mustards | 100000 mg/kg | | 4 | |
| 12.5 | Soups and broths | 100000 mg/kg | | 4 | |
| 12.6 | Sauces and like products | 100000 mg/kg | | 4 | |
| 12.7 | Salads (e.g., macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories 04.2.2.5 and 05.1.3 | 100000 mg/kg | | 4 | |
| 12.9.1 | Soybean protein products | 100000 mg/kg | | 4 | |
| 12.9.3 | Semi-dehydrated bean curd | 80000 mg/kg | | 4 | |
| 12.9.5 | Other protein products | 100000 mg/kg | | 4 | |
| 12.10 | Fermented soybean products | 100000 mg/kg | | 4 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 20000 mg/kg | | 4 | |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 20000 mg/kg | | 4 | |

CARAMEL COLOUR, CLASS II

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | 20000 mg/kg | | 4 | |
| 13.6 | Food supplements | 35000 mg/kg | | 4 | |
| 14.1.2.2 | Vegetable juice | 50000 mg/kg | | 4 | |
| 14.1.2.4 | Concentrates for vegetable juice | 50000 mg/kg | | 4 | |
| 14.1.3.2 | Vegetable nectar | 50000 mg/kg | | 4 | |
| 14.1.3.4 | Concentrates for vegetable nectar | 50000 mg/kg | | 4 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 50000 mg/kg | | 4 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 50000 mg/kg | | 4 | |
| 14.2 | Alcoholic beverages, including alcohol-free and low-alcoholic counterparts | 50000 mg/kg | | 4 | |
| 15.0 | Ready-to-eat savouries | 10000 mg/kg | | 4 | |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 20000 mg/kg | | 4 | |

CARAMEL COLOUR, CLASS IIICaramel Colour, Class III - Ammonia INS: 150c
Process

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|---------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 50000 mg/kg | | 3 | |
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 150 mg/kg | | Adopted | 1999 |
| 01.2.1 | Fermented milks (plain) | 150 mg/kg | Note 12 | Adopted | 1999 |
| 01.2.2 | Renneted milk (plain) | GMP | | Adopted | 1999 |
| 01.3.2 | Beverage whiteners | 1000 mg/kg | | 3 | |
| 01.3.2 | Beverage whiteners | GMP | | Adopted | 1999 |
| 01.4.3 | Clotted cream (plain) | GMP | | Adopted | 1999 |
| 01.4.3 | Clotted cream (plain) | 5000 mg/kg | | 3 | |
| 01.4.4 | Cream analogues | 5000 mg/kg | | 3 | |
| 01.4.4 | Cream analogues | GMP | | Adopted | 1999 |
| 01.5.2 | Milk and cream powder analogues | 5000 mg/kg | | 3 | |
| 01.5.2 | Milk and cream powder analogues | GMP | | Adopted | 1999 |
| 01.6.1 | Unripened cheese | 50000 mg/kg | | 3 | |
| 01.6.1 | Unripened cheese | GMP | | Adopted | 1999 |

CARMEL COLOUR, CLASS III

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|---------|------|
| 01.6.2 | Ripened cheese | 50000 mg/kg | | 3 | |
| 01.6.2.2 | Rind of ripened cheese | GMP | | Adopted | 1999 |
| 01.6.4 | Processed cheese | 50000 mg/kg | | 3 | |
| 01.6.4 | Processed cheese | GMP | | Adopted | 1999 |
| 01.6.5 | Cheese analogues | 50000 mg/kg | | 3 | |
| 01.6.5 | Cheese analogues | GMP | | Adopted | 1999 |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 2000 mg/kg | | Adopted | 1999 |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 50000 mg/kg | | 3 | |
| 01.8.1 | Liquid whey and whey products, excluding whey cheeses | 50000 mg/kg | | 3 | |
| 02.1.2 | Vegetable oils and fats | 20000 mg/kg | | 3 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 20000 mg/kg | | 3 | |
| 02.2.1.2 | Margarine and similar products | 20000 mg/kg | | 3 | |
| 02.2.1.3 | Blends of butter and margarine | 20000 mg/kg | | 3 | |
| 02.2.2 | Emulsions containing less than 80% fat | 20000 mg/kg | | 3 | |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | 20000 mg/kg | | 3 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | GMP | | Adopted | 1999 |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 20000 mg/kg | | 3 | |
| 03.0 | Edible ices, including sherbet and sorbet | 30000 mg/kg | | 3 | |
| 03.0 | Edible ices, including sherbet and sorbet | 1000 mg/kg | | Adopted | 1999 |
| 04.1.2 | Processed fruit | 80000 mg/kg | | 3 | |
| 04.1.2.3 | Fruit in vinegar, oil, or brine | GMP | | Adopted | 1999 |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | GMP | | Adopted | 1999 |
| 04.1.2.5 | Jams, jellies, marmelades | GMP | | Adopted | 1999 |
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | 500 mg/kg | | Adopted | 1999 |
| 04.1.2.7 | Candied fruit | GMP | | Adopted | 1999 |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 7500 mg/kg | | Adopted | 1999 |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | GMP | | Adopted | 1999 |
| 04.1.2.11 | Fruit fillings for pastries | 7500 mg/kg | | Adopted | 1999 |
| 04.2.2 | Processed vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 80000 mg/kg | | 3 | |
| 04.2.2.2 | Dried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 76 | 6 | |

CARMEL COLOUR, CLASS III

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|---------|------|
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 500 mg/kg | | Adopted | 1999 |
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | GMP | | Adopted | 1999 |
| 04.2.2.5 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed purees and spreads (e.g., peanut butter) | GMP | | Adopted | 1999 |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | GMP | | Adopted | 1999 |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 6 | |
| 04.2.2.8 | Cooked or fried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | GMP | | 6 | |
| 05.0 | Confectionery | 50000 mg/kg | | 3 | |
| 05.1.1 | Cocoa mixes (powders) and cocoa mass/cake | GMP | | 6 | |
| 05.1.2 | Cocoa mixes (syrups) | GMP | | 6 | |
| 05.1.3 | Cocoa-based spreads, including fillings | GMP | | Adopted | 1999 |
| 05.1.4 | Cocoa and chocolate products | GMP | | 6 | |
| 05.1.5 | Imitation chocolate, chocolate substitute products | GMP | | 6 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | GMP | | Adopted | 1999 |
| 05.3 | Chewing gum | 20000 mg/kg | | Adopted | 1999 |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | GMP | | Adopted | 1999 |
| 06.3 | Breakfast cereals, including rolled oats | 50000 mg/kg | | 3 | |
| 06.3 | Breakfast cereals, including rolled oats | 6500 mg/kg | | Adopted | 1999 |
| 06.4.2 | Dried pastas and noodles and like products | 50000 mg/kg | | 3 | |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 50000 mg/kg | | 3 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 50000 mg/kg | | 3 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | GMP | | Adopted | 1999 |
| 06.6 | Batters (e.g., for breading or batters for fish or poultry) | 50000 mg/kg | | 3 | |
| 06.7 | Pre-cooked or processed rice products, including rice cakes (Oriental type only) | 50000 mg/kg | | 3 | |
| 07.1.2 | Crackers, excluding sweet crackers | 50000 mg/kg | | 3 | |
| 07.1.3 | Other ordinary bakery products (e.g., bagels, pita, English muffins) | 50000 mg/kg | | 3 | |

CARMEL COLOUR, CLASS III

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|--------------|--------------|---------|------|
| 07.1.4 | Bread-type products, including bread stuffing and bread crumbs | 50000 mg/kg | | 3 | |
| 07.1.5 | Steamed breads and buns | 50000 mg/kg | | 3 | |
| 07.1.6 | Mixes for bread and ordinary bakery wares | 50000 mg/kg | | 3 | |
| 07.2 | Fine bakery wares (sweet, salty, savoury) and mixes | 50000 mg/kg | | 3 | |
| 07.2 | Fine bakery wares (sweet, salty, savoury) and mixes | GMP | | Adopted | 1999 |
| 08.0 | Meat and meat products, including poultry and game | 200000 mg/kg | Note 16 | 3 | |
| 08.0 | Meat and meat products, including poultry and game | GMP | Note 3 | Adopted | 1999 |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Notes 3 & 50 | Adopted | 1999 |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | 30000 mg/kg | Note 16 | 3 | |
| 09.1.1 | Fresh fish | GMP | Notes 3 & 50 | 6 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 50 | Adopted | 1999 |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | 30000 mg/kg | | 3 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 50 | 6 | |
| 09.2.4.1 | Cooked fish and fish products | GMP | Note 50 | 6 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 50 | 6 | |
| 09.3 | Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms | 30000 mg/kg | | 3 | |
| 09.3.3 | Salmon substitutes, caviar, and other fish roe products | GMP | Note 50 | Adopted | 1999 |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 30000 mg/kg | | 3 | |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 50 | Adopted | 1999 |
| 10.1 | Fresh eggs | GMP | Note 4 | Adopted | 1999 |
| 10.1 | Fresh eggs | 20000 mg/kg | Note 4 | 3 | |
| 10.2 | Egg products | 20000 mg/kg | | 3 | |
| 10.3 | Preserved eggs, including alkaline, salted, and canned eggs | 20000 mg/kg | | 3 | |
| 10.4 | Egg-based desserts (e.g., custard) | 20000 mg/kg | | 3 | |
| 10.4 | Egg-based desserts (e.g., custard) | GMP | | Adopted | 1999 |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 50000 mg/kg | | 3 | |
| 11.6 | Table-top sweeteners, including those containing high-intensity sweeteners | 50000 mg/kg | | 3 | |
| 12.2 | Herbs, spices, seasonings and condiments (e.g., seasoning for instant noodles) | 100000 mg/kg | | 3 | |
| 12.2.2 | Seasonings and condiments | GMP | | Adopted | 1999 |
| 12.3 | Vinegars | 100000 mg/kg | | 3 | |

CARMEL COLOUR, CLASS III

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|--------------|----------|---------|------|
| 12.3 | Vinegars | 1000 mg/kg | | Adopted | 1999 |
| 12.4 | Mustards | GMP | | Adopted | 1999 |
| 12.4 | Mustards | 100000 mg/kg | | 3 | |
| 12.5 | Soups and broths | 100000 mg/kg | | 3 | |
| 12.5 | Soups and broths | GMP | | Adopted | 1999 |
| 12.6 | Sauces and like products | 100000 mg/kg | | 3 | |
| 12.6 | Sauces and like products | 1500 mg/kg | | Adopted | 1999 |
| 12.7 | Salads (e.g., macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories 04.2.2.5 and 05.1.3 | 100000 mg/kg | | 3 | |
| 12.7 | Salads (e.g., macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories 04.2.2.5 and 05.1.3 | GMP | | Adopted | 1999 |
| 12.9.1 | Soybean protein products | 100000 mg/kg | | 3 | |
| 12.9.3 | Semi-dehydrated bean curd | 80000 mg/kg | | 3 | |
| 12.9.5 | Other protein products | 100000 mg/kg | | 3 | |
| 12.9.5 | Other protein products | GMP | | Adopted | 1999 |
| 12.10 | Fermented soybean products | 100000 mg/kg | | 3 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 20000 mg/kg | | 3 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | GMP | | Adopted | 1999 |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 20000 mg/kg | | 3 | |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | GMP | | Adopted | 1999 |
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | 20000 mg/kg | | 3 | |
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | GMP | | Adopted | 1999 |
| 13.6 | Food supplements | 20000 mg/kg | | 3 | |
| 13.6 | Food supplements | GMP | | Adopted | 1999 |
| 14.1.2.2 | Vegetable juice | 50000 mg/kg | | 3 | |
| 14.1.2.4 | Concentrates for vegetable juice | 50000 mg/kg | | 3 | |
| 14.1.3.2 | Vegetable nectar | GMP | | Adopted | 1999 |
| 14.1.3.2 | Vegetable nectar | 50000 mg/kg | | 3 | |
| 14.1.3.4 | Concentrates for vegetable nectar | 50000 mg/kg | | 3 | |
| 14.1.3.4 | Concentrates for vegetable nectar | GMP | | Adopted | 1999 |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 50000 mg/kg | | 3 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | GMP | | Adopted | 1999 |

CARAMEL COLOUR, CLASS III

| Function: | Colour | | | | |
|-----------|--|--------------|----------|---------|------|
| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 100000 mg/kg | | 3 | |
| 14.2 | Alcoholic beverages, including alcohol-free and low-alcoholic counterparts | 50000 mg/kg | | 3 | |
| 14.2.1 | Beer and malt beverages | GMP | | Adopted | 1999 |
| 14.2.2 | Cider and perry | GMP | | Adopted | 1999 |
| 14.2.3.3 | Fortified grape wine, grape liquor wine, and sweet grape wine | GMP | | Adopted | 1999 |
| 14.2.4 | Wines (other than grape) | GMP | | Adopted | 1999 |
| 14.2.5 | Mead | GMP | | 6 | |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | GMP | | Adopted | 1999 |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | GMP | | Adopted | 1999 |
| 15.0 | Ready-to-eat savouries | 10000 mg/kg | | 3 | |
| 15.0 | Ready-to-eat savouries | GMP | | Adopted | 1999 |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 20000 mg/kg | | 3 | |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 1000 mg/kg | | Adopted | 1999 |

CARAMEL COLOUR, CLASS IV

Caramel Colour, Class IV - Ammonia INS: 150d
Sulphite Process

| Function: | Colour | | | | |
|-----------|---|-------------|----------|---------|------|
| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 50000 mg/kg | | 3 | |
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 150 mg/kg | | Adopted | 1999 |
| 01.2.1 | Fermented milks (plain) | 150 mg/kg | Note 12 | Adopted | 1999 |
| 01.2.2 | Renneted milk (plain) | GMP | | Adopted | 1999 |
| 01.3.2 | Beverage whiteners | 1000 mg/kg | | 3 | |
| 01.3.2 | Beverage whiteners | GMP | | Adopted | 1999 |
| 01.4.3 | Clotted cream (plain) | 5000 mg/kg | | 3 | |
| 01.4.3 | Clotted cream (plain) | GMP | | Adopted | 1999 |
| 01.4.4 | Cream analogues | GMP | | Adopted | 1999 |
| 01.4.4 | Cream analogues | 5000 mg/kg | | 3 | |
| 01.5.2 | Milk and cream powder analogues | 5000 mg/kg | | 3 | |

CARMEL COLOUR, CLASS IV

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|--------------|---------|------|
| 01.5.2 | Milk and cream powder analogues | GMP | | Adopted | 1999 |
| 01.6.1 | Unripened cheese | 50000 mg/kg | | 3 | |
| 01.6.1 | Unripened cheese | GMP | | Adopted | 1999 |
| 01.6.2 | Ripened cheese | 50000 mg/kg | | 3 | |
| 01.6.2.2 | Rind of ripened cheese | GMP | | Adopted | 1999 |
| 01.6.4 | Processed cheese | 50000 mg/kg | | 3 | |
| 01.6.4 | Processed cheese | 100 mg/kg | | Adopted | 1999 |
| 01.6.4.1 | Plain processed cheese | GMP | | 6 | |
| 01.6.4.2 | Flavoured processed cheese, including containing fruit, vegetables, meat, etc. | 100 mg/kg | Notes 5 & 72 | 6 | |
| 01.6.5 | Cheese analogues | 50000 mg/kg | | 3 | |
| 01.6.5 | Cheese analogues | GMP | | Adopted | 1999 |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 50000 mg/kg | | 3 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 2000 mg/kg | | Adopted | 1999 |
| 01.8.1 | Liquid whey and whey products, excluding whey cheeses | 50000 mg/kg | | 3 | |
| 02.1.2 | Vegetable oils and fats | 20000 mg/kg | | 3 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 20000 mg/kg | | 3 | |
| 02.2.1.2 | Margarine and similar products | 20000 mg/kg | | 3 | |
| 02.2.1.3 | Blends of butter and margarine | 20000 mg/kg | | 3 | |
| 02.2.2 | Emulsions containing less than 80% fat | 20000 mg/kg | | 3 | |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | 20000 mg/kg | | 3 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | GMP | | Adopted | 1999 |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 20000 mg/kg | | 3 | |
| 03.0 | Edible ices, including sherbet and sorbet | 30000 mg/kg | | 3 | |
| 03.0 | Edible ices, including sherbet and sorbet | 1000 mg/kg | | Adopted | 1999 |
| 04.1.2 | Processed fruit | 80000 mg/kg | | 3 | |
| 04.1.2.3 | Fruit in vinegar, oil, or brine | GMP | | Adopted | 1999 |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | GMP | | Adopted | 1999 |
| 04.1.2.5 | Jams, jellies, marmelades | 1500 mg/kg | | Adopted | 1999 |
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | 500 mg/kg | | Adopted | 1999 |
| 04.1.2.7 | Candied fruit | GMP | | Adopted | 1999 |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 7500 mg/kg | | Adopted | 1999 |

CARMEL COLOUR, CLASS IV

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|---------|------|
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | GMP | | Adopted | 1999 |
| 04.1.2.11 | Fruit fillings for pastries | 7500 mg/kg | | Adopted | 1999 |
| 04.2.2 | Processed vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 80000 mg/kg | | 3 | |
| 04.2.2.2 | Dried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 76 | 6 | |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 500 mg/kg | | Adopted | 1999 |
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | GMP | | Adopted | 1999 |
| 04.2.2.5 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed purees and spreads (e.g., peanut butter) | GMP | | Adopted | 1999 |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | GMP | | Adopted | 1999 |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 6 | |
| 04.2.2.8 | Cooked or fried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | GMP | | 6 | |
| 05.0 | Confectionery | 50000 mg/kg | | 3 | |
| 05.1.1 | Cocoa mixes (powders) and cocoa mass/cake | GMP | | 6 | |
| 05.1.2 | Cocoa mixes (syrops) | GMP | | 6 | |
| 05.1.3 | Cocoa-based spreads, including fillings | GMP | | Adopted | 1999 |
| 05.1.4 | Cocoa and chocolate products | GMP | | 6 | |
| 05.1.5 | Imitation chocolate, chocolate substitute products | GMP | | 6 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | GMP | | Adopted | 1999 |
| 05.3 | Chewing gum | 20000 mg/kg | | Adopted | 1999 |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | GMP | | Adopted | 1999 |
| 06.3 | Breakfast cereals, including rolled oats | 50000 mg/kg | | 3 | |
| 06.3 | Breakfast cereals, including rolled oats | 2500 mg/kg | | Adopted | 1999 |
| 06.4.2 | Dried pastas and noodles and like products | 50000 mg/kg | | 3 | |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 50000 mg/kg | | 3 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 50000 mg/kg | | 3 | |

CARMEL COLOUR, CLASS IV

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|--------------|--------------|---------|------|
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | GMP | | Adopted | 1999 |
| 06.6 | Batters (e.g., for breading or batters for fish or poultry) | 50000 mg/kg | | 3 | |
| 06.7 | Pre-cooked or processed rice products, including rice cakes (Oriental type only) | 50000 mg/kg | | 3 | |
| 07.1.2 | Crackers, excluding sweet crackers | 50000 mg/kg | | 3 | |
| 07.1.3 | Other ordinary bakery products (e.g., bagels, pita, English muffins) | 50000 mg/kg | | 3 | |
| 07.1.4 | Bread-type products, including bread stuffing and bread crumbs | 50000 mg/kg | | 3 | |
| 07.1.5 | Steamed breads and buns | 50000 mg/kg | | 3 | |
| 07.1.6 | Mixes for bread and ordinary bakery wares | 50000 mg/kg | | 3 | |
| 07.2 | Fine bakery wares (sweet, salty, savoury) and mixes | 50000 mg/kg | | 3 | |
| 07.2.1 | Cakes, cookies and pies (e.g., fruit-filled or custard types) | GMP | | Adopted | 1999 |
| 07.2.2 | Other fine bakery products (e.g., doughnuts, sweet rolls, scones, and muffins) | 1200 mg/kg | | Adopted | 1999 |
| 07.2.3 | Mixes for fine bakery wares (e.g., cakes, pancakes) | GMP | | Adopted | 1999 |
| 08.0 | Meat and meat products, including poultry and game | GMP | | Adopted | 1999 |
| 08.0 | Meat and meat products, including poultry and game | 200000 mg/kg | Note 16 | 3 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | 30000 mg/kg | Note 16 | 3 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Notes 3 & 50 | Adopted | 1999 |
| 09.1.1 | Fresh fish | GMP | Notes 3 & 50 | 6 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | 30000 mg/kg | | 3 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 50 | Adopted | 1999 |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 50 | 6 | |
| 09.2.4.1 | Cooked fish and fish products | GMP | Note 50 | 6 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 50 | 6 | |
| 09.3 | Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms | 30000 mg/kg | | 3 | |
| 09.3.3 | Salmon substitutes, caviar, and other fish roe products | GMP | Note 50 | Adopted | 1999 |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 30000 mg/kg | | 3 | |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 50 | Adopted | 1999 |
| 10.1 | Fresh eggs | 20000 mg/kg | Note 4 | 3 | |
| 10.1 | Fresh eggs | GMP | Note 4 | Adopted | 1999 |
| 10.2 | Egg products | 20000 mg/kg | | 3 | |
| 10.3 | Preserved eggs, including alkaline, salted, and canned eggs | 20000 mg/kg | | 3 | |

CARMEL COLOUR, CLASS IV

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|--------------|----------|---------|------|
| 10.4 | Egg-based desserts (e.g., custard) | 20000 mg/kg | | 3 | |
| 10.4 | Egg-based desserts (e.g., custard) | GMP | | Adopted | 1999 |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 50000 mg/kg | | 3 | |
| 11.6 | Table-top sweeteners, including those containing high-intensity sweeteners | 50000 mg/kg | | 3 | |
| 12.2 | Herbs, spices, seasonings and condiments (e.g., seasoning for instant noodles) | 100000 mg/kg | | 3 | |
| 12.2.2 | Seasonings and condiments | GMP | | Adopted | 1999 |
| 12.3 | Vinegars | GMP | | Adopted | 1999 |
| 12.3 | Vinegars | 100000 mg/kg | | 3 | |
| 12.4 | Mustards | 100000 mg/kg | | 3 | |
| 12.4 | Mustards | GMP | | Adopted | 1999 |
| 12.5 | Soups and broths | 100000 mg/kg | | 3 | |
| 12.5.1 | Ready-to-eat soups and broths, including canned, bottled, and frozen | 3000 mg/kg | | Adopted | 1999 |
| 12.5.2 | Mixes for soups and broths | GMP | | Adopted | 1999 |
| 12.6 | Sauces and like products | 100000 mg/kg | | 3 | |
| 12.6 | Sauces and like products | 1500 mg/kg | | Adopted | 1999 |
| 12.7 | Salads (e.g., macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories 04.2.2.5 and 05.1.3 | GMP | | Adopted | 1999 |
| 12.7 | Salads (e.g., macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories 04.2.2.5 and 05.1.3 | 100000 mg/kg | | 3 | |
| 12.9.1 | Soybean protein products | 100000 mg/kg | | 3 | |
| 12.9.3 | Semi-dehydrated bean curd | 80000 mg/kg | | 3 | |
| 12.9.5 | Other protein products | 100000 mg/kg | | 3 | |
| 12.9.5 | Other protein products | GMP | | Adopted | 1999 |
| 12.10 | Fermented soybean products | 100000 mg/kg | | 3 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 20000 mg/kg | | 3 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | GMP | | Adopted | 1999 |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 20000 mg/kg | | 3 | |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | GMP | | Adopted | 1999 |
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | GMP | | Adopted | 1999 |
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | 20000 mg/kg | | 3 | |
| 13.6 | Food supplements | 20000 mg/kg | | 3 | |

CARMEL COLOUR, CLASS IV

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|--------------|----------|---------|------|
| 13.6 | Food supplements | GMP | | Adopted | 1999 |
| 14.1.2.2 | Vegetable juice | 50000 mg/kg | | 3 | |
| 14.1.2.4 | Concentrates for vegetable juice | 50000 mg/kg | | 3 | |
| 14.1.3.2 | Vegetable nectar | 50000 mg/kg | | 3 | |
| 14.1.3.2 | Vegetable nectar | GMP | | Adopted | 1999 |
| 14.1.3.4 | Concentrates for vegetable nectar | 50000 mg/kg | | 3 | |
| 14.1.3.4 | Concentrates for vegetable nectar | GMP | | Adopted | 1999 |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 50000 mg/kg | | 3 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | GMP | | Adopted | 1999 |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 100000 mg/kg | | 3 | |
| 14.2 | Alcoholic beverages, including alcohol-free and low-alcoholic counterparts | 50000 mg/kg | | 3 | |
| 14.2.1 | Beer and malt beverages | GMP | | Adopted | 1999 |
| 14.2.2 | Cider and perry | GMP | | Adopted | 1999 |
| 14.2.3.3 | Fortified grape wine, grape liquor wine, and sweet grape wine | GMP | | Adopted | 1999 |
| 14.2.4 | Wines (other than grape) | GMP | | Adopted | 1999 |
| 14.2.5 | Mead | GMP | | 6 | |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | GMP | | Adopted | 1999 |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | GMP | | Adopted | 1999 |
| 15.0 | Ready-to-eat savouries | 10000 mg/kg | | 3 | |
| 15.0 | Ready-to-eat savouries | GMP | | Adopted | 1999 |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 20000 mg/kg | | 3 | |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 1000 mg/kg | | Adopted | 1999 |

CARBON DIOXIDE

Carbon Dioxide

INS: 290

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|------|------|
| 01.1.1 | Milk and buttermilk (plain) | GMP | Note 59 | 7 | |
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | GMP | Note 59 | 7 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | Note 59 | 7 | |

CARBON DIOXIDE

Function: Adjuvant, Carbonating Agent, Packing Gas

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|----------------|---------|------|
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | Note 59 | 7 | |
| 04.1.1 | Fresh fruit | GMP | Note 59 | 7 | |
| 04.2.1 | Fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 59 | 7 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 59 | 7 | |
| 06.4.1 | Fresh pastas and noodles and like products | GMP | Note 59 | 4 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | 100 mg/kg | Note 59 | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 59 | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 59 | 7 | |
| 13.2 | Complementary foods for infants and young children | GMP | Note 59 | 4 | |
| 14.1.2.1 | Fruit juice | GMP | Note 69 | Adopted | 2005 |
| 14.1.2.3 | Concentrates for fruit juice | GMP | Notes 69 & 127 | Adopted | 2005 |
| 14.1.3.1 | Fruit nectar | GMP | Note 69 | Adopted | 2005 |
| 14.1.3.3 | Concentrates for fruit nectar | GMP | Notes 69 & 127 | Adopted | 2005 |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | Note 59 | 7 | |
| 14.2.3 | Grape wines | GMP | Note 60 | 7 | |

CARMINES

Carmines

INS: 120

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|---------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 150 mg/kg | | Adopted | 2005 |
| 01.6.2.1 | Ripened cheese, includes rind | 125 mg/kg | | Adopted | 2005 |
| 01.6.4.2 | Flavoured processed cheese, including containing fruit, vegetables, meat, etc. | 100 mg/kg | | Adopted | 2005 |
| 01.6.5 | Cheese analogues | GMP | Note 3 | 6 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 150 mg/kg | | Adopted | 2005 |
| 02.2.1.3 | Blends of butter and margarine | 500 mg/kg | | 3 | |
| 02.2.2 | Emulsions containing less than 80% fat | 500 mg/kg | | 3 | |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | 500 mg/kg | | 6 | |

CARMINES

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|---------|------|
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 150 mg/kg | | Adopted | 2005 |
| 03.0 | Edible ices, including sherbet and sorbet | 150 mg/kg | | Adopted | 2005 |
| 04.1.1.2 | Surface-treated fresh fruit | 500 mg/kg | Note 16 | Adopted | 2005 |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | 200 mg/kg | | Adopted | 2005 |
| 04.1.2.5 | Jams, jellies, marmelades | 200 mg/kg | | Adopted | 2005 |
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | 500 mg/kg | | Adopted | 2005 |
| 04.1.2.7 | Candied fruit | 200 mg/kg | | Adopted | 2005 |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 500 mg/kg | | Adopted | 2005 |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 150 mg/kg | | Adopted | 2005 |
| 04.1.2.11 | Fruit fillings for pastries | 300 mg/kg | | Adopted | 2005 |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 500 mg/kg | Note 16 | Adopted | 2005 |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 500 mg/kg | | 6 | |
| 04.2.2.5 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed purees and spreads (e.g., peanut butter) | 100 mg/kg | | Adopted | 2005 |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 200 mg/kg | | Adopted | 2005 |
| 05.1.2 | Cocoa mixes (syrups) | 300 mg/kg | | Adopted | 2005 |
| 05.1.5 | Imitation chocolate, chocolate substitute products | 300 mg/kg | | Adopted | 2005 |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 300 mg/kg | | Adopted | 2005 |
| 05.3 | Chewing gum | 1020 mg/kg | | 6 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 500 mg/kg | | Adopted | 2005 |
| 06.3 | Breakfast cereals, including rolled oats | 200 mg/kg | | Adopted | 2005 |
| 06.4.2 | Dried pastas and noodles and like products | 100 mg/kg | | 3 | |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 100 mg/kg | | 3 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 150 mg/kg | | Adopted | 2005 |
| 06.6 | Batters (e.g., for breading or batters for fish or poultry) | 500 mg/kg | | Adopted | 2005 |
| 07.1 | Bread and ordinary bakery wares | GMP | | 6 | |
| 07.1.4 | Bread-type products, including bread stuffing and bread crumbs | 500 mg/kg | | 3 | |
| 07.2 | Fine bakery wares (sweet, salty, savoury) and mixes | 200 mg/kg | | Adopted | 2005 |

CARMINES

| Function: | Colour | | | | |
|-----------|---|-----------|----------|---------|------|
| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | 500 mg/kg | Note 16 | Adopted | 2005 |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | 100 mg/kg | Note 117 | Adopted | 2005 |
| 08.2 | Processed meat, poultry, and game products in whole pieces or cuts | 500 mg/kg | Note 16 | Adopted | 2005 |
| 08.3.1.1 | Cured (including salted) non-heat treated processed comminuted meat, poultry, and game products | 200 mg/kg | Note 118 | Adopted | 2005 |
| 08.3.1.2 | Cured (including salted) and dried non-heat treated processed comminuted meat, poultry, and game products | 100 mg/kg | | Adopted | 2005 |
| 08.3.1.3 | Fermented non-heat treated processed comminuted meat, poultry, and game products | 100 mg/kg | | Adopted | 2005 |
| 08.3.2 | Heat-treated processed comminuted meat, poultry, and game products | 100 mg/kg | | Adopted | 2005 |
| 08.3.3 | Frozen processed comminuted meat, poultry, and game products | 500 mg/kg | Note 16 | Adopted | 2005 |
| 08.4 | Edible casings (e.g., sausage casings) | 500 mg/kg | Note 16 | Adopted | 2005 |
| 09.1.1 | Fresh fish | 300 mg/kg | Note 50 | Adopted | 2005 |
| 09.1.2 | Fresh mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | Adopted | 2005 |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 100 mg/kg | Note 85 | 3 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | 6 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 100 mg/kg | | 3 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | Adopted | 2005 |
| 09.2.4.1 | Cooked fish and fish products | 500 mg/kg | | Adopted | 2005 |
| 09.2.4.2 | Cooked mollusks, crustaceans, and echinoderms | 250 mg/kg | | Adopted | 2005 |
| 09.2.4.3 | Fried fish and fish products, including mollusks, crustaceans, and echinoderms | 150 mg/kg | | 3 | |
| 09.2.4.3 | Fried fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | 6 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | 300 mg/kg | Note 22 | Adopted | 2005 |
| 09.3.1 | Fish and fish products, including mollusks, crustaceans, and echinoderms, marinated and/or in jelly | 500 mg/kg | Note 16 | Adopted | 2005 |
| 09.3.2 | Fish and fish products, including mollusks, crustaceans, and echinoderms, pickled and/or in brine | 500 mg/kg | Note 16 | Adopted | 2005 |
| 09.3.3 | Salmon substitutes, caviar, and other fish roe products | 500 mg/kg | | Adopted | 2005 |
| 09.3.4 | Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms (e.g., fish paste), excluding products of food categories 09.3.1 - 09.3.3 | 100 mg/kg | | Adopted | 2005 |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | Adopted | 2005 |
| 10.1 | Fresh eggs | GMP | Note 4 | Adopted | 2005 |
| 10.4 | Egg-based desserts (e.g., custard) | 150 mg/kg | | Adopted | 2005 |
| 12.2.2 | Seasonings and condiments | 500 mg/kg | | Adopted | 2005 |

CARMINES

| Function: | Colour | | | | |
|-----------|---|------------|----------|---------|------|
| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
| 12.4 | Mustards | 300 mg/kg | | Adopted | 2005 |
| 12.5 | Soups and broths | 50 mg/kg | | Adopted | 2005 |
| 12.6 | Sauces and like products | 500 mg/kg | | Adopted | 2005 |
| 12.9.5 | Other protein products | 100 mg/kg | | Adopted | 2005 |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 50 mg/kg | | Adopted | 2005 |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 50 mg/kg | | Adopted | 2005 |
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | 300 mg/kg | | Adopted | 2005 |
| 13.6 | Food supplements | 300 mg/kg | | Adopted | 2005 |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 1000 mg/kg | | 6 | |
| 14.2.1 | Beer and malt beverages | 100 mg/kg | | Adopted | 2005 |
| 14.2.2 | Cider and perry | 200 mg/kg | | Adopted | 2005 |
| 14.2.4 | Wines (other than grape) | 200 mg/kg | | Adopted | 2005 |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | 200 mg/kg | | Adopted | 2005 |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 200 mg/kg | | 6 | |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 500 mg/kg | | 3 | |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 200 mg/kg | | Adopted | 2005 |
| 15.2 | Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit) | 100 mg/kg | | Adopted | 2005 |

CARNAUBA WAX

Carnauba Wax

INS: 903

| Function: | Adjuvant, Anticaking Agent, Bulking Agent, Carrier solvent, Glazing Agent, Release Agent | | | | |
|-----------|---|------------|----------|---------|------|
| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
| 04.1.1.2 | Surface-treated fresh fruit | 400 mg/kg | | Adopted | 2004 |
| 04.1.2 | Processed fruit | 400 mg/kg | | Adopted | 2004 |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 400 mg/kg | Note 79 | Adopted | 2004 |
| 05.1.4 | Cocoa and chocolate products | 5000 mg/kg | Note 3 | Adopted | 2006 |
| 05.1.5 | Imitation chocolate, chocolate substitute products | 5000 mg/kg | Note 3 | Adopted | 2006 |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 5000 mg/kg | Note 3 | Adopted | 2006 |
| 05.3 | Chewing gum | 1200 mg/kg | Note 3 | Adopted | 2003 |

CARNAUBA WAX

Function: Adjuvant, Anticaking Agent, Bulking Agent, Carrier solvent, Glazing Agent, Release Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|---------|------|
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 4000 mg/kg | | Adopted | 2001 |
| 07.0 | Bakery wares | GMP | Note 3 | Adopted | 2001 |
| 13.6 | Food supplements | 5000 mg/kg | Note 3 | Adopted | 2006 |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 200 mg/kg | Note 131 | Adopted | 2003 |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 200 mg/kg | Note 108 | Adopted | 2006 |
| 15.0 | Ready-to-eat savouries | 200 mg/kg | Note 3 | Adopted | 2006 |

CAROB BEAN GUM

Carob Bean Gum

INS: 410

Function: Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|------|------|
| 01.1.1.1 | Milk (plain) | GMP | | 7 | |
| 01.1.1.2 | Buttermilk (plain) | 5000 mg/kg | | 7 | |
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | GMP | | 4 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | 5000 mg/kg | | 7 | |
| 01.2.2 | Renneted milk (plain) | GMP | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | 5000 mg/kg | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | 5000 mg/kg | | 7 | |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | | 7 | |
| 04.1.1.3 | Peeled or cut fresh fruit | GMP | | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.1.3 | Peeled, cut or shredded fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 06.1 | Whole, broken, or flaked grain, including rice | GMP | | 7 | |
| 06.4.1 | Fresh pastas and noodles and like products | GMP | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | | 7 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 10.2.1 | Liquid egg products | GMP | | 7 | |

CAROB BEAN GUM

Function: Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------------|------|------|
| 10.2.2 | Frozen egg products | GMP | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 5000 mg/kg | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 13.1.1 | Infant formulae | 1000 mg/kg | Notes 72 & 149 | 7 | |
| 13.1.2 | Follow-up formulae | 1000 mg/kg | Note 72 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | 10000 mg/kg | | 4 | |
| 13.2 | Complementary foods for infants and young children | 20000 mg/kg | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |
| 14.2.3 | Grape wines | GMP | | 7 | |

CAROTENES, VEGETABLE

Carotenes, Natural Extracts, (Vegetable) INS: 160aii

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|---------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 1000 mg/kg | | Adopted | 2005 |
| 01.3.2 | Beverage whiteners | 1000 mg/kg | | Adopted | 2005 |
| 01.5.2 | Milk and cream powder analogues | 1000 mg/kg | | Adopted | 2005 |
| 01.6.1 | Unripened cheese | 600 mg/kg | | Adopted | 2005 |
| 01.6.2.1 | Ripened cheese, includes rind | 600 mg/kg | | Adopted | 2005 |
| 01.6.2.2 | Rind of ripened cheese | 1000 mg/kg | | Adopted | 2005 |
| 01.6.2.3 | Cheese powder (for reconstitution; e.g., for cheese sauces) | 1000 mg/kg | | Adopted | 2005 |
| 01.6.4 | Processed cheese | 1000 mg/kg | | Adopted | 2005 |
| 01.6.5 | Cheese analogues | 1000 mg/kg | Note 3 | Adopted | 2005 |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 1000 mg/kg | | Adopted | 2005 |
| 02.1.2 | Vegetable oils and fats | 1000 mg/kg | | Adopted | 2006 |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 1000 mg/kg | | Adopted | 2006 |
| 02.2.1.1 | Butter and concentrated butter | 600 mg/kg | | Adopted | 2005 |
| 02.2.1.2 | Margarine and similar products | 1000 mg/kg | | 3 | |
| 02.2.1.2 | Margarine and similar products | 25 mg/kg | | Adopted | 2005 |
| 02.2.2 | Emulsions containing less than 80% fat | 1000 mg/kg | | Adopted | 2005 |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | 1000 mg/kg | | Adopted | 2005 |

CAROTENES, VEGETABLE

| Function: | Colour | | | | |
|-----------|--|-------------|----------|---------|------|
| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 1000 mg/kg | | Adopted | 2005 |
| 03.0 | Edible ices, including sherbet and sorbet | 1000 mg/kg | | Adopted | 2005 |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Note 16 | 6 | |
| 04.1.2.3 | Fruit in vinegar, oil, or brine | 1000 mg/kg | | Adopted | 2005 |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | 1000 mg/kg | | Adopted | 2005 |
| 04.1.2.5 | Jams, jellies, marmelades | 1000 mg/kg | | Adopted | 2005 |
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | 500 mg/kg | | Adopted | 2005 |
| 04.1.2.7 | Candied fruit | 1000 mg/kg | | Adopted | 2005 |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 4 mg/kg | | 6 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 1000 mg/kg | | Adopted | 2005 |
| 04.1.2.10 | Fermented fruit products | 200 mg/kg | | Adopted | 2005 |
| 04.1.2.11 | Fruit fillings for pastries | 4 mg/kg | | 6 | |
| 04.2.2.2 | Dried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 200 mg/kg | | 3 | |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 1320 mg/kg | | 3 | |
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 200 mg/kg | | 3 | |
| 04.2.2.5 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed purees and spreads (e.g., peanut butter) | 1000 mg/kg | | Adopted | 2005 |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 1000 mg/kg | | Adopted | 2005 |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 1000 mg/kg | | Adopted | 2005 |
| 05.1.3 | Cocoa-based spreads, including fillings | 1000 mg/kg | | 3 | |
| 05.1.4 | Cocoa and chocolate products | 1000 mg/kg | | 3 | |
| 05.1.4 | Cocoa and chocolate products | 500 mg/kg | | 6 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 500 mg/kg | | Adopted | 2005 |
| 05.3 | Chewing gum | 500 mg/kg | | Adopted | 2005 |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 20000 mg/kg | | Adopted | 2005 |
| 06.3 | Breakfast cereals, including rolled oats | 400 mg/kg | | Adopted | 2005 |
| 06.4.2 | Dried pastas and noodles and like products | 1000 mg/kg | | 3 | |

CAROTENES, VEGETABLE

| Function: | Colour | | | | |
|-----------|---|------------|----------|---------|------|
| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 1000 mg/kg | | 3 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 1000 mg/kg | | Adopted | 2005 |
| 06.6 | Batters (e.g., for breading or batters for fish or poultry) | 1000 mg/kg | | Adopted | 2005 |
| 07.1.2 | Crackers, excluding sweet crackers | 1000 mg/kg | | Adopted | 2005 |
| 07.1.4 | Bread-type products, including bread stuffing and bread crumbs | 1000 mg/kg | | Adopted | 2005 |
| 07.1.6 | Mixes for bread and ordinary bakery wares | GMP | | 3 | |
| 07.2 | Fine bakery wares (sweet, salty, savoury) and mixes | 1000 mg/kg | | Adopted | 2005 |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | 20 mg/kg | Note 117 | 6 | |
| 08.2 | Processed meat, poultry, and game products in whole pieces or cuts | 5000 mg/kg | Note 16 | Adopted | 2005 |
| 08.3.1 | Non-heat treated processed comminuted meat, poultry, and game products | 20 mg/kg | Note 118 | Adopted | 2005 |
| 08.3.2 | Heat-treated processed comminuted meat, poultry, and game products | 20 mg/kg | | Adopted | 2005 |
| 08.3.3 | Frozen processed comminuted meat, poultry, and game products | 5000 mg/kg | Note 16 | Adopted | 2005 |
| 08.4 | Edible casings (e.g., sausage casings) | 5000 mg/kg | | Adopted | 2005 |
| 09.1.1 | Fresh fish | GMP | Note 50 | 6 | |
| 09.1.2 | Fresh mollusks, crustaceans, and echinoderms | GMP | Note 16 | 6 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 95 | 6 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | 1000 mg/kg | Note 16 | Adopted | 2005 |
| 09.2.4.1 | Cooked fish and fish products | 1000 mg/kg | | 3 | |
| 09.2.4.2 | Cooked mollusks, crustaceans, and echinoderms | 1000 mg/kg | | Adopted | 2005 |
| 09.2.4.3 | Fried fish and fish products, including mollusks, crustaceans, and echinoderms | 1000 mg/kg | Note 16 | Adopted | 2005 |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | 1000 mg/kg | | Adopted | 2005 |
| 09.3.1 | Fish and fish products, including mollusks, crustaceans, and echinoderms, marinated and/or in jelly | 1000 mg/kg | Note 16 | Adopted | 2005 |
| 09.3.2 | Fish and fish products, including mollusks, crustaceans, and echinoderms, pickled and/or in brine | 1000 mg/kg | Note 16 | Adopted | 2005 |
| 09.3.3 | Salmon substitutes, caviar, and other fish roe products | 1000 mg/kg | | Adopted | 2005 |
| 09.3.4 | Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms (e.g., fish paste), excluding products of food categories 09.3.1 - 09.3.3 | 1000 mg/kg | Note 16 | Adopted | 2005 |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | | Adopted | 2005 |
| 10.1 | Fresh eggs | 1000 mg/kg | Note 4 | Adopted | 2005 |
| 10.2 | Egg products | 1000 mg/kg | | Adopted | 2005 |
| 10.4 | Egg-based desserts (e.g., custard) | 150 mg/kg | | Adopted | 2005 |

CAROTENES, VEGETABLE

| Function: | Colour | | | | |
|-----------|--|-------------|----------|---------|------|
| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 50 mg/kg | | Adopted | 2005 |
| 12.2 | Herbs, spices, seasonings and condiments (e.g., seasoning for instant noodles) | 500 mg/kg | | 3 | |
| 12.4 | Mustards | 1000 mg/kg | | Adopted | 2005 |
| 12.5 | Soups and broths | 1000 mg/kg | | Adopted | 2005 |
| 12.6.1 | Emulsified sauces (e.g., mayonnaise, salad dressing) | 2000 mg/kg | | Adopted | 2005 |
| 12.6.2 | Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy) | 2000 mg/kg | | Adopted | 2005 |
| 12.6.3 | Mixes for sauces and gravies | 2000 mg/kg | | Adopted | 2005 |
| 12.7 | Salads (e.g., macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories 04.2.2.5 and 05.1.3 | 1000 mg/kg | | Adopted | 2005 |
| 12.9.5 | Other protein products | 1000 mg/kg | | Adopted | 2005 |
| 12.10.3 | Fermented soybean paste (e.g., miso) | GMP | | 6 | |
| 13.1.3 | Formulae for special medical purposes for infants | 30 mg/kg | Note 84 | 3 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 600 mg/kg | | Adopted | 2005 |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 600 mg/kg | | Adopted | 2005 |
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | 600 mg/kg | | Adopted | 2005 |
| 13.6 | Food supplements | 600 mg/kg | | Adopted | 2005 |
| 14.1.2.2 | Vegetable juice | 2000 mg/kg | | 3 | |
| 14.1.2.4 | Concentrates for vegetable juice | 2000 mg/kg | | 3 | |
| 14.1.3.2 | Vegetable nectar | 2000 mg/kg | | 3 | |
| 14.1.3.4 | Concentrates for vegetable nectar | 1000 mg/kg | | 3 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 2000 mg/kg | | Adopted | 2005 |
| 14.2.1 | Beer and malt beverages | 600 mg/kg | | Adopted | 2005 |
| 14.2.2 | Cider and perry | 600 mg/kg | | Adopted | 2005 |
| 14.2.4 | Wines (other than grape) | 600 mg/kg | | Adopted | 2005 |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | 600 mg/kg | | Adopted | 2005 |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 600 mg/kg | | Adopted | 2005 |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 400 mg/kg | | 3 | |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 25 mg/kg | | 6 | |
| 15.2 | Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit) | 20000 mg/kg | | 3 | |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 1000 mg/kg | | 3 | |

CAROTENOIDS

CAROTENOIDS

| | | | |
|---------------------------|------------|--|-------------|
| Beta-Carotene (Synthetic) | INS: 160ai | Beta-carotene (Blakeslea trispora) | INS: 160aii |
| Beta-Apo-8'-Carotenal | INS: 160e | Beta-Apo-8'-Carotenoic Acid, Methyl or Ethyl Ester | INS: 160f |

| Function: | Colour | | | | |
|-----------|---|------------|----------|---------|------|
| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 150 mg/kg | | 6 | |
| 01.3.2 | Beverage whiteners | 1000 mg/kg | | 3 | |
| 01.4 | Cream (plain) and the like | 1000 mg/kg | | 3 | |
| 01.5.2 | Milk and cream powder analogues | 1000 mg/kg | | 3 | |
| 01.6.1 | Unripened cheese | 35 mg/kg | | 6 | |
| 01.6.2.1 | Ripened cheese, includes rind | 100 mg/kg | | 6 | |
| 01.6.2.2 | Rind of ripened cheese | 1000 mg/kg | | 3 | |
| 01.6.2.3 | Cheese powder (for reconstitution; e.g., for cheese sauces) | 1000 mg/kg | | 3 | |
| 01.6.4 | Processed cheese | 200 mg/kg | | 6 | |
| 01.6.5 | Cheese analogues | 1000 mg/kg | | 3 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 200 mg/kg | | 6 | |
| 02.1.2 | Vegetable oils and fats | 1000 mg/kg | | 6 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 1000 mg/kg | | 6 | |
| 02.2.1.1 | Butter and concentrated butter | 25 mg/kg | Note 146 | Adopted | 2006 |
| 02.2.1.2 | Margarine and similar products | 1000 mg/kg | | 6 | |
| 02.2.1.2 | Margarine and similar products | 25 mg/kg | | 3 | |
| 02.2.1.3 | Blends of butter and margarine | GMP | | 6 | |
| 02.2.2 | Emulsions containing less than 80% fat | 1000 mg/kg | | 6 | |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | 1000 mg/kg | | 6 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 150 mg/kg | | 6 | |
| 03.0 | Edible ices, including sherbet and sorbet | 200 mg/kg | | 6 | |
| 04.1.2.3 | Fruit in vinegar, oil, or brine | 1000 mg/kg | | 3 | |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | 200 mg/kg | | 6 | |
| 04.1.2.5 | Jams, jellies, marmelades | 500 mg/kg | | 6 | |
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | 500 mg/kg | | 6 | |
| 04.1.2.7 | Candied fruit | 200 mg/kg | | 6 | |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 500 mg/kg | | 6 | |

CAROTENOIDS

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|------|------|
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 150 mg/kg | | 6 | |
| 04.1.2.11 | Fruit fillings for pastries | 10 mg/kg | | 6 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 500 mg/kg | Note 16 | 6 | |
| 04.2.2.2 | Dried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 1000 mg/kg | | 3 | |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 500 mg/kg | | 6 | |
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 200 mg/kg | | 6 | |
| 04.2.2.5 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed purees and spreads (e.g., peanut butter) | 1000 mg/kg | | 3 | |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 200 mg/kg | | 6 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 1000 mg/kg | | 3 | |
| 05.1.1 | Cocoa mixes (powders) and cocoa mass/cake | 300 mg/kg | | 6 | |
| 05.1.2 | Cocoa mixes (syrups) | 300 mg/kg | | 6 | |
| 05.1.3 | Cocoa-based spreads, including fillings | 300 mg/kg | | 6 | |
| 05.1.4 | Cocoa and chocolate products | 500 mg/kg | | 6 | |
| 05.1.5 | Imitation chocolate, chocolate substitute products | 500 mg/kg | | 6 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 500 mg/kg | | 6 | |
| 05.3 | Chewing gum | 500 mg/kg | | 6 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 500 mg/kg | | 6 | |
| 06.3 | Breakfast cereals, including rolled oats | 200 mg/kg | | 6 | |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 1200 mg/kg | | 3 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 150 mg/kg | | 6 | |
| 06.6 | Batters (e.g., for breading or batters for fish or poultry) | 500 mg/kg | | 6 | |
| 07.1.1 | Breads and rolls | 35 mg/kg | | 6 | |
| 07.1.2 | Crackers, excluding sweet crackers | 1000 mg/kg | | 3 | |
| 07.1.3 | Other ordinary bakery products (e.g., bagels, pita, English muffins) | 1000 mg/kg | | 3 | |
| 07.1.4 | Bread-type products, including bread stuffing and bread crumbs | 1000 mg/kg | Note 116 | 3 | |

CAROTENOIDS

| Function: | Colour | | | | |
|-----------|---|------------|----------|------|------|
| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
| 07.1.5 | Steamed breads and buns | 1000 mg/kg | | 3 | |
| 07.1.6 | Mixes for bread and ordinary bakery wares | GMP | | 6 | |
| 07.2 | Fine bakery wares (sweet, salty, savoury) and mixes | 200 mg/kg | | 6 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | 100 mg/kg | Note 117 | 6 | |
| 08.3.1.1 | Cured (including salted) non-heat treated processed comminuted meat, poultry, and game products | 100 mg/kg | Note 118 | 6 | |
| 08.3.1.2 | Cured (including salted) and dried non-heat treated processed comminuted meat, poultry, and game products | 20 mg/kg | | 6 | |
| 08.3.1.3 | Fermented non-heat treated processed comminuted meat, poultry, and game products | 20 mg/kg | | 6 | |
| 08.3.2 | Heat-treated processed comminuted meat, poultry, and game products | 20 mg/kg | | 6 | |
| 09.1.1 | Fresh fish | 300 mg/kg | | 6 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | | 3 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 95 | 6 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 100 mg/kg | Note 41 | 6 | |
| 09.2.4.1 | Cooked fish and fish products | 500 mg/kg | | 6 | |
| 09.2.4.2 | Cooked mollusks, crustaceans, and echinoderms | 250 mg/kg | | 6 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 22 | 6 | |
| 09.3 | Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | | 3 | |
| 09.3.3 | Salmon substitutes, caviar, and other fish roe products | 500 mg/kg | | 6 | |
| 09.3.4 | Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms (e.g., fish paste), excluding products of food categories 09.3.1 - 09.3.3 | 500 mg/kg | | 6 | |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | | 6 | |
| 10.1 | Fresh eggs | 1000 mg/kg | Note 4 | 3 | |
| 10.2 | Egg products | 1000 mg/kg | | 3 | |
| 10.4 | Egg-based desserts (e.g., custard) | 150 mg/kg | | 6 | |
| 12.2.2 | Seasonings and condiments | 500 mg/kg | | 6 | |
| 12.4 | Mustards | 300 mg/kg | | 6 | |
| 12.5 | Soups and broths | 300 mg/kg | | 6 | |
| 12.6 | Sauces and like products | 500 mg/kg | | 6 | |
| 12.7 | Salads (e.g., macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories 04.2.2.5 and 05.1.3 | 1000 mg/kg | | 3 | |
| 12.9.5 | Other protein products | 100 mg/kg | | 6 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 50 mg/kg | | 6 | |

CAROTENOIDS

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|------|------|
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 50 mg/kg | | 6 | |
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | 300 mg/kg | | 6 | |
| 13.6 | Food supplements | 300 mg/kg | | 6 | |
| 14.1.3.2 | Vegetable nectar | 100 mg/kg | | 6 | |
| 14.1.3.4 | Concentrates for vegetable nectar | 100 mg/kg | | 6 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 100 mg/kg | | 6 | |
| 14.2.2 | Cider and perry | 200 mg/kg | | 6 | |
| 14.2.4 | Wines (other than grape) | 200 mg/kg | | 6 | |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | 200 mg/kg | | 6 | |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 200 mg/kg | | 6 | |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 400 mg/kg | | 3 | |
| 15.2 | Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit) | 100 mg/kg | | 6 | |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 500 mg/kg | | 6 | |

CARRAGEENAN

Carrageenan

INS: 407

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 01.1.1.1 | Milk (plain) | 10000 mg/kg | | 7 | |
| 01.1.1.2 | Buttermilk (plain) | 6000 mg/kg | | 7 | |
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | 5000 mg/kg | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | 500 mg/kg | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | 5000 mg/kg | | 7 | |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | | 7 | |
| 04.1.1.3 | Peeled or cut fresh fruit | GMP | | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.1.3 | Peeled, cut or shredded fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |

CARRAGEENAN

Function: Emulsifier, Filler, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------------|------|------|
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 4 | |
| 06.4.1 | Fresh pastas and noodles and like products | GMP | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | 8330 mg/kg | Note 37 | 7 | |
| 08.1 | Fresh meat, poultry, and game | GMP | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 5000 mg/kg | Note 61 | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Notes 41 & 61 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 10.2.1 | Liquid egg products | GMP | | 7 | |
| 10.2.2 | Frozen egg products | GMP | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 5000 mg/kg | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 13.1.1 | Infant formulae | 300 mg/kg | Notes 72 & 151 | 7 | |
| 13.1.2 | Follow-up formulae | 300 mg/kg | Notes 72 & 151 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | 300 mg/kg | | 4 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |

CASTOR OIL

Castor Oil

INS: 1503

Function: Anticaking Agent, Carrier solvent, Glazing Agent, Release Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|------|------|
| 05.1 | Cocoa products and chocolate products including imitations and chocolate substitutes | GMP | | 6 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 500 mg/kg | | 6 | |

CASTOR OIL

Function: Anticaking Agent, Carrier solvent, Glazing Agent, Release Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|------------------|------------|----------|------|------|
| 05.3 | Chewing gum | 2100 mg/kg | | 6 | |
| 13.6 | Food supplements | GMP | | 6 | |

CHLORINE

Chlorine INS: 925

Function: Flour Treatment Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--------------|------------|----------|---------|------|
| 06.2.1 | Flours | 2500 mg/kg | Note 87 | Adopted | 2001 |

CHLORINE DIOXIDE

Chlorine Dioxide INS: 926

Function: Flour Treatment Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--------------|------------|----------|---------|------|
| 06.2.1 | Flours | 2500 mg/kg | Note 87 | Adopted | 2001 |

CHLOROPHYLLS

Chlorophylls INS: 140

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|--------------|------|------|
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Note 16 | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 16 | 7 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 7 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | Notes 4 & 16 | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | 1000 mg/kg | Note 94 | 7 | |
| 09.1.1 | Fresh fish | GMP | Note 50 | 7 | |
| 09.1.2 | Fresh mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 95 | 7 | |

CHLOROPHYLLS

| Function: | Colour | | | | |
|-----------|--|-------------|----------|------|------|
| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.4.1 | Cooked fish and fish products | GMP | | 7 | |
| 09.2.4.2 | Cooked mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.4.3 | Fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 22 | 7 | |
| 10.1 | Fresh eggs | GMP | Note 4 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | 20 mg/kg | Note 84 | 4 | |
| 13.6 | Food supplements | 25000 mg/kg | | 4 | |
| 14.2.3.2 | Sparkling and semi-sparkling grape wines | GMP | | 7 | |
| 14.2.3.3 | Fortified grape wine, grape liquor wine, and sweet grape wine | GMP | | 7 | |

CHLOROPHYLLS, COPPER COMPLEXES

Chlorophylls, Copper Complex

INS: 141i

Chlorophyllin Copper Complex, Sodium and Potassium Salts

INS: 141ii

| Function: | Colour | | | | |
|-----------|---|-----------|----------|------|------|
| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 50 mg/kg | | 3 | |
| 01.6.1 | Unripened cheese | 50 mg/kg | | 3 | |
| 01.6.2.1 | Ripened cheese, includes rind | 50 mg/kg | | 3 | |
| 01.6.2.1 | Ripened cheese, includes rind | 15 mg/kg | | 6 | |
| 01.6.2.2 | Rind of ripened cheese | 75 mg/kg | | 3 | |
| 01.6.2.3 | Cheese powder (for reconstitution; e.g., for cheese sauces) | 50 mg/kg | | 3 | |
| 01.6.4 | Processed cheese | 50 mg/kg | | 3 | |
| 01.6.5 | Cheese analogues | 50 mg/kg | | 3 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 500 mg/kg | | 3 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 200 mg/kg | | 6 | |
| 02.1.2 | Vegetable oils and fats | GMP | | 6 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 6 | |
| 02.2.1.3 | Blends of butter and margarine | GMP | | 6 | |
| 02.2.2 | Emulsions containing less than 80% fat | GMP | | 6 | |

CHLOROPHYLLS, COPPER COMPLEXES

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|---------------|---------|------|
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | GMP | | 6 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 500 mg/kg | | 3 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | GMP | | 6 | |
| 03.0 | Edible ices, including sherbet and sorbet | 500 mg/kg | | 3 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Note 16 | 6 | |
| 04.1.2.3 | Fruit in vinegar, oil, or brine | 100 mg/kg | Note 62 | Adopted | 2005 |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | 100 mg/kg | Note 62 | Adopted | 2005 |
| 04.1.2.5 | Jams, jellies, marmelades | 200 mg/kg | | 6 | |
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | 150 mg/kg | | 6 | |
| 04.1.2.7 | Candied fruit | 250 mg/kg | | 3 | |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 100 mg/kg | Note 62 | Adopted | 2005 |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 150 mg/kg | Note 62 | 6 | |
| 04.1.2.10 | Fermented fruit products | 100 mg/kg | Note 62 | Adopted | 2005 |
| 04.1.2.11 | Fruit fillings for pastries | 100 mg/kg | Note 62 | Adopted | 2005 |
| 04.1.2.12 | Cooked fruit | 100 mg/kg | Note 62 | Adopted | 2005 |
| 04.2.2.2 | Dried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 100 mg/kg | Notes 62 & 89 | 6 | |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 500 mg/kg | | 6 | |
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 100 mg/kg | Note 62 | 6 | |
| 04.2.2.5 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed purees and spreads (e.g., peanut butter) | 100 mg/kg | Note 62 | Adopted | 2005 |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 100 mg/kg | Note 62 | Adopted | 2005 |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 100 mg/kg | Note 62 | Adopted | 2005 |
| 04.2.2.8 | Cooked or fried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 100 mg/kg | Note 62 | Adopted | 2005 |
| 05.1.2 | Cocoa mixes (syrups) | 6.4 mg/kg | Note 62 | 3 | |
| 05.1.3 | Cocoa-based spreads, including fillings | 6.4 mg/kg | Note 62 | 3 | |
| 05.1.4 | Cocoa and chocolate products | 700 mg/kg | | 6 | |

CHLOROPHYLLS, COPPER COMPLEXES

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|---------|------|
| 05.1.5 | Imitation chocolate, chocolate substitute products | 700 mg/kg | | 6 | |
| 05.2.1 | Hard candy | 700 mg/kg | | 6 | |
| 05.2.2 | Soft candy | 100 mg/kg | | 6 | |
| 05.2.3 | Nougats and marzipans | 100 mg/kg | | 6 | |
| 05.3 | Chewing gum | 700 mg/kg | | 6 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 100 mg/kg | | 3 | |
| 06.3 | Breakfast cereals, including rolled oats | 100 mg/kg | | 3 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 6 | |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 100 mg/kg | | 3 | |
| 06.4.3 | Pre-cooked pastas and noodles and like products | GMP | | 6 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 75 mg/kg | | 3 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 6.4 mg/kg | Note 62 | 6 | |
| 07.1.4 | Bread-type products, including bread stuffing and bread crumbs | 6.4 mg/kg | Note 62 | 3 | |
| 07.2 | Fine bakery wares (sweet, salty, savoury) and mixes | 75 mg/kg | | 3 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 95 | 6 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | 40 mg/kg | | 3 | |
| 09.2.4.1 | Cooked fish and fish products | 30 mg/kg | Note 62 | 6 | |
| 09.2.4.3 | Fried fish and fish products, including mollusks, crustaceans, and echinoderms | 40 mg/kg | Note 62 | 6 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | 200 mg/kg | | 3 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | 40 mg/kg | Note 62 | 6 | |
| 09.3.1 | Fish and fish products, including mollusks, crustaceans, and echinoderms, marinated and/or in jelly | 40 mg/kg | | 3 | |
| 09.3.2 | Fish and fish products, including mollusks, crustaceans, and echinoderms, pickled and/or in brine | 40 mg/kg | | 3 | |
| 09.3.3 | Salmon substitutes, caviar, and other fish roe products | 200 mg/kg | | 3 | |
| 09.3.4 | Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms (e.g., fish paste), excluding products of food categories 09.3.1 - 09.3.3 | 75 mg/kg | | 3 | |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | | 6 | |
| 10.4 | Egg-based desserts (e.g., custard) | 300 mg/kg | Note 2 | 3 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 64 mg/kg | Note 62 | Adopted | 2005 |
| 12.2.2 | Seasonings and condiments | 100 mg/kg | | 3 | |
| 12.4 | Mustards | GMP | | 6 | |

CHLOROPHYLLS, COPPER COMPLEXES

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|----------|------|------|
| 12.5.1 | Ready-to-eat soups and broths, including canned, bottled, and frozen | 400 mg/kg | | 6 | |
| 12.5.2 | Mixes for soups and broths | 100 mg/kg | | 3 | |
| 12.6 | Sauces and like products | 100 mg/kg | | 3 | |
| 13.6 | Food supplements | GMP | | 6 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 300 mg/kg | | 6 | |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 350 mg/kg | | 3 | |
| 15.2 | Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit) | 100 mg/kg | | 3 | |

CITRIC ACID

Citric Acid

INS: 330

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|---------|------|
| 01.2.1 | Fermented milks (plain) | 1500 mg/kg | Note 63 | 7 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 01.6.6 | Whey protein cheese | GMP | | Adopted | 2006 |
| 02.1.1 | Butter oil, anhydrous milkfat, ghee | GMP | | Adopted | 2006 |
| 02.1.2 | Vegetable oils and fats | 100 mg/kg | Note 15 | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 100 mg/kg | Note 15 | 7 | |
| 02.2.1.2 | Margarine and similar products | GMP | | 4 | |
| 04.2.1 | Fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 4 | |
| 06.4.1 | Fresh pastas and noodles and like products | GMP | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 4 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | 2000 mg/kg | | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | 100 mg/kg | Note 15 | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |

CITRIC ACID

Function: Acidity Regulator, Antioxidant, Sequestrant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|-----------------|---------|------|
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 61 | 4 | |
| 10.2.1 | Liquid egg products | GMP | | 7 | |
| 10.2.2 | Frozen egg products | GMP | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 13.1.1 | Infant formulae | GMP | Note 72 | 7 | |
| 13.1.2 | Follow-up formulae | GMP | Note 72 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | GMP | | 4 | |
| 13.2 | Complementary foods for infants and young children | 25000 mg/kg | | 7 | |
| 14.1.2.1 | Fruit juice | 3000 mg/kg | Note 122 | Adopted | 2005 |
| 14.1.2.2 | Vegetable juice | 3000 mg/kg | | 4 | |
| 14.1.2.3 | Concentrates for fruit juice | 3000 mg/kg | Notes 122 & 127 | Adopted | 2005 |
| 14.1.2.4 | Concentrates for vegetable juice | 3000 mg/kg | | 4 | |
| 14.1.3.1 | Fruit nectar | 5000 mg/kg | | Adopted | 2005 |
| 14.1.3.2 | Vegetable nectar | 5000 mg/kg | | 4 | |
| 14.1.3.3 | Concentrates for fruit nectar | 5000 mg/kg | Note 127 | Adopted | 2005 |
| 14.1.3.4 | Concentrates for vegetable nectar | 5000 mg/kg | | 4 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 4 | |
| 14.2.3 | Grape wines | 4000 mg/kg | | 4 | |

CITRIC AND FATTY ACID ESTERS OF GLYCEROL

Citric and Fatty Acid Esters of Glycerol INS: 472c

Function: Antioxidant, Emulsifier, Sequestrant, Stabilizer, Thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|------|------|
| 01.1.1.2 | Buttermilk (plain) | GMP | | 7 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 7 | |
| 01.2.2 | Renneted milk (plain) | GMP | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | 5000 mg/kg | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | 5000 mg/kg | | 7 | |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |

CITRIC AND FATTY ACID ESTERS OF GLYCEROL

Function: Antioxidant, Emulsifier, Sequestrant, Stabilizer, Thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 02.2.1.2 | Margarine and similar products | 10000 mg/kg | | 4 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Note 16 | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 16 | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 4 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | Note 16 | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | 9000 mg/kg | | 4 | |
| 13.2 | Complementary foods for infants and young children | 5000 mg/kg | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |

CURCUMIN

Curcumin

INS: 100i

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|----------|------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, egnog, drinking yoghurt, whey-based drinks) | 150 mg/kg | | 7 | |
| 01.6.1 | Unripened cheese | 500 mg/kg | Note 3 | 4 | |
| 01.6.2 | Ripened cheese | 500 mg/kg | | 4 | |
| 01.6.4 | Processed cheese | 200 mg/kg | | 7 | |

CURCUMIN

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|----------|------|------|
| 01.6.5 | Cheese analogues | 500 mg/kg | Note 3 | 4 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 150 mg/kg | | 7 | |
| 02.1.2 | Vegetable oils and fats | 5 mg/kg | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 5 mg/kg | | 7 | |
| 02.2.1.2 | Margarine and similar products | 5 mg/kg | | 7 | |
| 02.2.1.3 | Blends of butter and margarine | GMP | | 7 | |
| 02.2.2 | Emulsions containing less than 80% fat | 5 mg/kg | | 7 | |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | 500 mg/kg | | 7 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 150 mg/kg | | 7 | |
| 03.0 | Edible ices, including sherbet and sorbet | 150 mg/kg | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | 500 mg/kg | Note 16 | 7 | |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | 200 mg/kg | | 7 | |
| 04.1.2.5 | Jams, jellies, marmelades | 500 mg/kg | | 7 | |
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | 500 mg/kg | | 7 | |
| 04.1.2.7 | Candied fruit | 200 mg/kg | | 7 | |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 500 mg/kg | | 7 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 150 mg/kg | | 7 | |
| 04.1.2.11 | Fruit fillings for pastries | 150 mg/kg | | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 500 mg/kg | Note 16 | 7 | |
| 04.2.2.2 | Dried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 500 mg/kg | | 4 | |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 500 mg/kg | | 7 | |
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 200 mg/kg | | 7 | |
| 04.2.2.5 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed purees and spreads (e.g., peanut butter) | 500 mg/kg | | 4 | |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 200 mg/kg | | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 500 mg/kg | | 4 | |

CURCUMIN

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|------|------|
| 05.1 | Cocoa products and chocolate products including imitations and chocolate substitutes | 300 mg/kg | | 7 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 300 mg/kg | | 7 | |
| 05.3 | Chewing gum | 700 mg/kg | | 7 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 500 mg/kg | | 7 | |
| 06.3 | Breakfast cereals, including rolled oats | 200 mg/kg | | 7 | |
| 06.4.2 | Dried pastas and noodles and like products | 500 mg/kg | | 7 | |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 500 mg/kg | | 7 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 150 mg/kg | | 7 | |
| 06.6 | Batters (e.g., for breading or batters for fish or poultry) | 20 mg/kg | | 7 | |
| 07.1.1 | Breads and rolls | 500 mg/kg | | 4 | |
| 07.1.2 | Crackers, excluding sweet crackers | 500 mg/kg | | 4 | |
| 07.1.3 | Other ordinary bakery products (e.g., bagels, pita, English muffins) | 500 mg/kg | | 4 | |
| 07.1.4 | Bread-type products, including bread stuffing and bread crumbs | 20 mg/kg | Note 116 | 7 | |
| 07.1.5 | Steamed breads and buns | 500 mg/kg | | 4 | |
| 07.1.6 | Mixes for bread and ordinary bakery wares | 200 mg/kg | | 4 | |
| 07.2 | Fine bakery wares (sweet, salty, savoury) and mixes | 200 mg/kg | | 7 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | 500 mg/kg | Note 16 | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | 20 mg/kg | Note 117 | 7 | |
| 08.2 | Processed meat, poultry, and game products in whole pieces or cuts | 500 mg/kg | Note 16 | 7 | |
| 08.3.1 | Non-heat treated processed comminuted meat, poultry, and game products | 20 mg/kg | Note 118 | 7 | |
| 08.3.2 | Heat-treated processed comminuted meat, poultry, and game products | 20 mg/kg | | 7 | |
| 08.3.3 | Frozen processed comminuted meat, poultry, and game products | 500 mg/kg | Note 16 | 7 | |
| 08.4 | Edible casings (e.g., sausage casings) | 500 mg/kg | Note 16 | 7 | |
| 09.1.1 | Fresh fish | 300 mg/kg | Note 50 | 7 | |
| 09.1.2 | Fresh mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | 7 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | 50 mg/kg | | 4 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 95 | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | 7 | |
| 09.2.4.1 | Cooked fish and fish products | 500 mg/kg | | 7 | |

CURCUMIN

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|------|------|
| 09.2.4.2 | Cooked mollusks, crustaceans, and echinoderms | 250 mg/kg | | 7 | |
| 09.2.4.3 | Fried fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 22 | 7 | |
| 09.3 | Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms | 50 mg/kg | | 7 | |
| 09.3.1 | Fish and fish products, including mollusks, crustaceans, and echinoderms, marinated and/or in jelly | 500 mg/kg | Note 16 | 7 | |
| 09.3.2 | Fish and fish products, including mollusks, crustaceans, and echinoderms, pickled and/or in brine | 500 mg/kg | Note 16 | 7 | |
| 09.3.3 | Salmon substitutes, caviar, and other fish roe products | 500 mg/kg | | 7 | |
| 09.3.4 | Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms (e.g., fish paste), excluding products of food categories 09.3.1 - 09.3.3 | 500 mg/kg | | 7 | |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | | 7 | |
| 10.1 | Fresh eggs | 500 mg/kg | Note 4 | 4 | |
| 10.4 | Egg-based desserts (e.g., custard) | 150 mg/kg | | 7 | |
| 12.2.2 | Seasonings and condiments | 500 mg/kg | | 7 | |
| 12.4 | Mustards | 300 mg/kg | | 7 | |
| 12.5 | Soups and broths | 300 mg/kg | | 7 | |
| 12.6 | Sauces and like products | 500 mg/kg | | 7 | |
| 12.9.5 | Other protein products | 100 mg/kg | | 7 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 50 mg/kg | | 7 | |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 50 mg/kg | | 7 | |
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | 300 mg/kg | | 7 | |
| 13.6 | Food supplements | 300 mg/kg | | 7 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 100 mg/kg | | 7 | |
| 14.2.1 | Beer and malt beverages | 200 mg/kg | | 4 | |
| 14.2.2 | Cider and perry | 200 mg/kg | | 7 | |
| 14.2.3.1 | Still grape wine | 200 mg/kg | | 4 | |
| 14.2.3.2 | Sparkling and semi-sparkling grape wines | 200 mg/kg | | 4 | |
| 14.2.3.3 | Fortified grape wine, grape liquor wine, and sweet grape wine | 200 mg/kg | | 7 | |
| 14.2.4 | Wines (other than grape) | 200 mg/kg | | 7 | |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | 200 mg/kg | | 7 | |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 200 mg/kg | | 7 | |

CURCUMIN

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|----------|------|------|
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 200 mg/kg | | 7 | |
| 15.2 | Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit) | 100 mg/kg | | 7 | |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 500 mg/kg | | 7 | |

CURDLAN

Curdlan INS: 424

Function: Stabilizer, Thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|----------|------|------|
| 06.4.1 | Fresh pastas and noodles and like products | GMP | | 4 | |

CYCLAMATES

Cyclamic Acid (and Sodium, Potassium, Calcium Salts) INS: 952

Function: Flavour Enhancer, Sweetener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 400 mg/kg | Note 17 | 6 | |
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | GMP | Note 17 | 6 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 250 mg/kg | Note 17 | 6 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 250 mg/kg | Note 17 | 6 | |
| 03.0 | Edible ices, including sherbet and sorbet | 250 mg/kg | Note 17 | 6 | |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | 1000 mg/kg | Note 17 | 6 | |
| 04.1.2.5 | Jams, jellies, marmelades | 1000 mg/kg | Note 17 | 6 | |
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | 2000 mg/kg | Note 17 | 6 | |
| 04.1.2.7 | Candied fruit | 500 mg/kg | Note 17 | 6 | |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 250 mg/kg | Note 17 | 6 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 250 mg/kg | Note 17 | 6 | |
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 100 mg/kg | Note 17 | 6 | |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 250 mg/kg | Note 17 | 6 | |

CYCLAMATES

Function: Flavour Enhancer, Sweetener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|---------------------|---------|------|
| 05.1 | Cocoa products and chocolate products including imitations and chocolate substitutes | 500 mg/kg | Note 17 | 6 | |
| 05.2.1 | Hard candy | 2500 mg/kg | Note 17 | 6 | |
| 05.2.2 | Soft candy | 500 mg/kg | Note 17 | 6 | |
| 05.2.3 | Nougats and marzipans | 500 mg/kg | Note 17 | 6 | |
| 05.3 | Chewing gum | 3000 mg/kg | Note 17 | 6 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 500 mg/kg | Note 17 | 6 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 250 mg/kg | Note 17 | 6 | |
| 07.2.1 | Cakes, cookies and pies (e.g., fruit-filled or custard types) | 1600 mg/kg | Note 17 | 6 | |
| 07.2.2 | Other fine bakery products (e.g., doughnuts, sweet rolls, scones, and muffins) | 2000 mg/kg | Note 17 | 6 | |
| 07.2.3 | Mixes for fine bakery wares (e.g., cakes, pancakes) | 1600 mg/kg | Note 17 | 6 | |
| 10.4 | Egg-based desserts (e.g., custard) | 250 mg/kg | Note 17 | 6 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 500 mg/kg | Note 17 | 6 | |
| 11.6 | Table-top sweeteners, including those containing high-intensity sweeteners | GMP | Note 17 | 6 | |
| 12.6.1 | Emulsified sauces (e.g., mayonnaise, salad dressing) | 500 mg/kg | Note 17 | 6 | |
| 12.7 | Salads (e.g., macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories 04.2.2.5 and 05.1.3 | 500 mg/kg | Note 17 | 6 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 400 mg/kg | Note 17 | 6 | |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 1300 mg/kg | Note 17 | 6 | |
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | 16000 mg/kg | Note 17 | 3 | |
| 13.6 | Food supplements | 1250 mg/kg | Note 17 | 6 | |
| 14.1.3.1 | Fruit nectar | 400 mg/kg | Notes 17 & 122 | Adopted | 2005 |
| 14.1.3.2 | Vegetable nectar | 400 mg/kg | Note 17 | 3 | |
| 14.1.3.3 | Concentrates for fruit nectar | 400 mg/kg | Notes 17, 122 & 127 | Adopted | 2005 |
| 14.1.3.4 | Concentrates for vegetable nectar | 400 mg/kg | Notes 17 & 127 | 3 | |
| 14.1.4.1 | Carbonated water-based flavoured drinks | 1500 mg/kg | Note 17 | 6 | |
| 14.1.4.2 | Non-carbonated water-based flavoured drinks, including punches and ades | 1500 mg/kg | Note 17 | 6 | |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 250 mg/kg | Note 17 | 6 | |

CYCLODEXTRIN, BETA-

Cyclodextrin, Beta-

INS: 459

CYCLODEXTRIN, BETA-

Function: Binder, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|---------|------|
| 05.3 | Chewing gum | 20000 mg/kg | | Adopted | 2001 |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 500 mg/kg | | Adopted | 2001 |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 500 mg/kg | | Adopted | 2004 |

DEXTRINS, WHITE AND YELLOW, ROASTED STARCH

Dextrins, White and Yellow Roasted Starch INS: 1400

Function: Bulking Agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|--------------|------|------|
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | GMP | | 4 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 4 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 20000 mg/kg | Notes 3 & 53 | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 41 | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | Note 90 | 7 | |

DIACETYLTARTARIC AND FATTY ACID ESTERS OF GLYCEROL

Diacetyltartaric and Fatty Acid Esters of Glycerol INS: 472e

Function: Emulsifier, Sequestrant, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|---------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 5000 mg/kg | | Adopted | 2005 |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | 5000 mg/kg | | Adopted | 2005 |
| 01.2.2 | Renneted milk (plain) | 5000 mg/kg | | Adopted | 2005 |
| 01.3.2 | Beverage whiteners | 5000 mg/kg | | Adopted | 2005 |
| 01.4 | Cream (plain) and the like | 5000 mg/kg | | 6 | |

DIACETYLTARTARIC AND FATTY ACID ESTERS

Function: Emulsifier, Sequestrant, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|---------|------|
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | 5000 mg/kg | | Adopted | 2006 |
| 01.4.3 | Clotted cream (plain) | 5000 mg/kg | | Adopted | 2006 |
| 01.4.4 | Cream analogues | 5000 mg/kg | | Adopted | 2006 |
| 01.5.1 | Milk powder and cream powder (plain) | 10000 mg/kg | | Adopted | 2006 |
| 01.5.2 | Milk and cream powder analogues | 10000 mg/kg | | Adopted | 2005 |
| 01.6.2.1 | Ripened cheese, includes rind | 10000 mg/kg | | Adopted | 2005 |
| 01.6.4 | Processed cheese | 10000 mg/kg | | Adopted | 2005 |
| 01.6.5 | Cheese analogues | 10000 mg/kg | | Adopted | 2005 |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 10000 mg/kg | | Adopted | 2005 |
| 02.1.2 | Vegetable oils and fats | 10000 mg/kg | | Adopted | 2006 |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 10000 mg/kg | | Adopted | 2006 |
| 02.2.1.2 | Margarine and similar products | 10000 mg/kg | | Adopted | 2005 |
| 02.2.1.3 | Blends of butter and margarine | 10000 mg/kg | | Adopted | 2006 |
| 02.2.2 | Emulsions containing less than 80% fat | 10000 mg/kg | | Adopted | 2005 |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | 10000 mg/kg | | Adopted | 2005 |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 5000 mg/kg | | Adopted | 2005 |
| 03.0 | Edible ices, including sherbet and sorbet | 1000 mg/kg | | Adopted | 2006 |
| 04.1.2.2 | Dried fruit | 10000 mg/kg | | Adopted | 2005 |
| 04.1.2.3 | Fruit in vinegar, oil, or brine | 1000 mg/kg | | Adopted | 2005 |
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | 5000 mg/kg | | Adopted | 2005 |
| 04.1.2.7 | Candied fruit | 1000 mg/kg | | Adopted | 2005 |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 2500 mg/kg | | Adopted | 2005 |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 2500 mg/kg | | Adopted | 2005 |
| 04.1.2.10 | Fermented fruit products | 2500 mg/kg | | Adopted | 2005 |
| 04.2.2.2 | Dried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 10000 mg/kg | | Adopted | 2005 |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 2500 mg/kg | | Adopted | 2005 |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 2500 mg/kg | | Adopted | 2005 |

DIACETYLTARTARIC AND FATTY ACID ESTERS

Function: Emulsifier, Sequestrant, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|---------|------|
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 2500 mg/kg | | Adopted | 2005 |
| 04.2.2.8 | Cooked or fried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 2500 mg/kg | | Adopted | 2005 |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 10000 mg/kg | | Adopted | 2005 |
| 05.3 | Chewing gum | 50000 mg/kg | | Adopted | 2005 |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 10000 mg/kg | | Adopted | 2005 |
| 06.2 | Flours and starches (including soybean powder) | 5000 mg/kg | | 6 | |
| 06.4.2 | Dried pastas and noodles and like products | 5000 mg/kg | | 6 | |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 10000 mg/kg | | Adopted | 2005 |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 5000 mg/kg | | Adopted | 2005 |
| 06.6 | Batters (e.g., for breading or batters for fish or poultry) | 5000 mg/kg | | Adopted | 2005 |
| 07.1 | Bread and ordinary bakery wares | 6000 mg/kg | | Adopted | 2006 |
| 07.2 | Fine bakery wares (sweet, salty, savoury) and mixes | 20000 mg/kg | | Adopted | 2006 |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 10000 mg/kg | Note 16 | 3 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | 10000 mg/kg | Note 16 | 3 | |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 5000 mg/kg | | 3 | |
| 10.2.3 | Dried and/or heat coagulated egg products | 5000 mg/kg | | Adopted | 2005 |
| 10.4 | Egg-based desserts (e.g., custard) | 5000 mg/kg | | Adopted | 2005 |
| 12.1.2 | Salt Substitutes | 16000 mg/kg | | Adopted | 2006 |
| 12.4 | Mustards | 10000 mg/kg | | Adopted | 2005 |
| 12.5 | Soups and broths | 5000 mg/kg | | Adopted | 2005 |
| 12.6 | Sauces and like products | 10000 mg/kg | | Adopted | 2005 |
| 12.7 | Salads (e.g., macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories 04.2.2.5 and 05.1.3 | 5000 mg/kg | | Adopted | 2005 |
| 12.9.5 | Other protein products | 10000 mg/kg | | Adopted | 2005 |
| 13.1.1 | Infant formulae | 5000 mg/kg | | 3 | |
| 13.1.2 | Follow-up formulae | 5000 mg/kg | | 3 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 5000 mg/kg | | Adopted | 2005 |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 5000 mg/kg | | Adopted | 2005 |
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | 5000 mg/kg | | Adopted | 2005 |

DIACETYLTARTARIC AND FATTY ACID ESTERS

Function: Emulsifier, Sequestrant, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|---------|------|
| 13.6 | Food supplements | 5000 mg/kg | | Adopted | 2005 |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 5000 mg/kg | | Adopted | 2005 |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 500 mg/kg | Note 142 | Adopted | 2006 |
| 14.2.2 | Cider and perry | 5000 mg/kg | | Adopted | 2005 |
| 14.2.4 | Wines (other than grape) | 5000 mg/kg | | Adopted | 2005 |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | 5000 mg/kg | | Adopted | 2005 |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 10000 mg/kg | | Adopted | 2005 |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 20000 mg/kg | | Adopted | 2005 |
| 15.2 | Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit) | 10000 mg/kg | | Adopted | 2005 |

DIMETHYL DICARBONATE

Dimethyl Dicarboxylate

INS: 242

Function: Preservative

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|----------|---------|------|
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 250 mg/kg | Note 18 | Adopted | 1999 |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 250 mg/kg | Note 18 | Adopted | 2004 |
| 14.2.2 | Cider and perry | 250 mg/kg | Note 18 | Adopted | 2004 |
| 14.2.3 | Grape wines | 200 mg/kg | Note 18 | Adopted | 2004 |
| 14.2.4 | Wines (other than grape) | 250 mg/kg | Note 18 | Adopted | 2004 |
| 14.2.5 | Mead | 200 mg/kg | Note 18 | Adopted | 2004 |

DIOCTYL SODIUM SULFOSUCCINATE

Dioctyl Sodium Sulfosuccinate

INS: 480

Function: Adjuvant, Emulsifier, Humectant, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 25 mg/kg | Note 19 | 7 | |
| 01.3.1 | Condensed milk (plain) | GMP | | 7 | |
| 01.6.1 | Unripened cheese | 5000 mg/kg | Note 20 | 7 | |
| 01.6.4 | Processed cheese | 5000 mg/kg | Note 20 | 7 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 15 mg/kg | | 7 | |

DIOCTYL SODIUM SULFOSUCCINATE

Function: Adjuvant, Emulsifier, Humectant, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|------|------|
| 05.1.1 | Cocoa mixes (powders) and cocoa mass/cake | 4000 mg/kg | | 7 | |
| 08.4 | Edible casings (e.g., sausage casings) | 200 mg/kg | | 7 | |
| 12.6.1 | Emulsified sauces (e.g., mayonnaise, salad dressing) | 5000 mg/kg | Note 20 | 7 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 10 mg/kg | | 7 | |
| 14.2 | Alcoholic beverages, including alcohol-free and low-alcoholic counterparts | 10 mg/kg | | 7 | |

DIPHENYL

Diphenyl INS: 230

Function: Preservative

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|-----------------------------|----------|----------|------|------|
| 04.1.1.2 | Surface-treated fresh fruit | 70 mg/kg | Note 49 | 7 | |

DIPOTASSIUM GUANYLATE, 5'-

Dipotassium Guanylate, 5'- INS: 628

Function: Flavour Enhancer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|------------------|----------|----------|------|------|
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |

DIPOTASSIUM INOSINATE, 5'-

Dipotassium Inosinate, 5'- INS: 632

Function: Flavour Enhancer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|------------------|----------|----------|------|------|
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |

DISODIUM GUANYLATE, 5'-

Disodium Guanylate, 5'- INS: 627

Function: Flavour Enhancer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|------|------|
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 4 | |

DISODIUM GUANYLATE, 5'-

Function: Flavour Enhancer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|----------|------|------|
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 4 | |
| 08.1 | Fresh meat, poultry, and game | GMP | | 7 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 4 | |

DISODIUM INOSINATE, 5'-

Disodium Inosinate, 5'-

INS: 631

Function: Flavour Enhancer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|------|------|
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 4 | |
| 08.1 | Fresh meat, poultry, and game | GMP | | 7 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 4 | |

DISODIUM RIBONUCLEOTIDES, 5'-

Disodium Ribonucleotides, 5'-

INS: 635

Function: Flavour Enhancer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|------|------|
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 4 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 4 | |

DISTARCH PHOSPHATE

DISTARCH PHOSPHATE

Distarch Phosphate

INS: 1412

Function: Bulking Agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------------|------|------|
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | GMP | | 4 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 06.4.1 | Fresh pastas and noodles and like products | 200 mg/kg | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | 200 mg/kg | | 4 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 41 | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 10000 mg/kg | | 7 | |
| 13.1.1 | Infant formulae | 5000 mg/kg | Notes 72 & 150 | 7 | |
| 13.1.2 | Follow-up formulae | 5000 mg/kg | Notes 72 & 150 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | 60000 mg/kg | | 4 | |
| 13.2 | Complementary foods for infants and young children | 60000 mg/kg | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 10000 mg/kg | | 7 | |

EDTAs

Calcium Disodium Ethylene Diamine Tetra Acetate

INS: 385

Disodium Ethylene Diamine Tetra Acetate

INS: 386

Function: Antioxidant, Preservative, Sequestrant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|----------------|---------|------|
| 02.2.1.2 | Margarine and similar products | 75 mg/kg | Note 21 | Adopted | 2001 |
| 02.2.2 | Emulsions containing less than 80% fat | 100 mg/kg | Note 21 | Adopted | 2001 |
| 04.1.2.2 | Dried fruit | 265 mg/kg | Note 21 | Adopted | 2001 |
| 04.1.2.5 | Jams, jellies, marmelades | 130 mg/kg | Note 21 | Adopted | 2001 |
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | 100 mg/kg | Note 21 | Adopted | 2001 |
| 04.1.2.11 | Fruit fillings for pastries | 650 mg/kg | Note 21 | Adopted | 2001 |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 100 mg/kg | Notes 21 & 110 | Adopted | 2006 |

EDTAs

Function: Antioxidant, Preservative, Sequestrant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|---------------|---------|------|
| 04.2.2.2 | Dried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 800 mg/kg | Notes 21& 64 | Adopted | 2001 |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 250 mg/kg | Note 21 | Adopted | 2001 |
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 365 mg/kg | Note 21 | Adopted | 2001 |
| 04.2.2.5 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed purees and spreads (e.g., peanut butter) | 250 mg/kg | Note 21 | Adopted | 2001 |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 80 mg/kg | Note 21 | Adopted | 2001 |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 250 mg/kg | Note 21 | Adopted | 2001 |
| 04.2.2.8 | Cooked or fried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 250 mg/kg | Note 21 | Adopted | 2001 |
| 05.1.3 | Cocoa-based spreads, including fillings | 50 mg/kg | Note 21 | Adopted | 2001 |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 315 mg/kg | Note 21 | Adopted | 2001 |
| 08.3.2 | Heat-treated processed comminuted meat, poultry, and game products | 35 mg/kg | Note 21 | Adopted | 2001 |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 75 mg/kg | Note 21 | Adopted | 2001 |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 75 mg/kg | Note 21 | Adopted | 2001 |
| 09.2.4.1 | Cooked fish and fish products | 50 mg/kg | Note 21 | Adopted | 2005 |
| 09.3.2 | Fish and fish products, including mollusks, crustaceans, and echinoderms, pickled and/or in brine | 250 mg/kg | Note 21 | Adopted | 2001 |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 340 mg/kg | Note 21 | Adopted | 2001 |
| 10.2.3 | Dried and/or heat coagulated egg products | 200 mg/kg | Notes 21 & 47 | Adopted | 2001 |
| 11.6 | Table-top sweeteners, including those containing high-intensity sweeteners | 1000 mg/kg | Notes 21 & 96 | Adopted | 2005 |
| 12.2 | Herbs, spices, seasonings and condiments (e.g., seasoning for instant noodles) | 70 mg/kg | Note 21 | Adopted | 2001 |
| 12.4 | Mustards | 75 mg/kg | Note 21 | Adopted | 2001 |
| 12.6.1 | Emulsified sauces (e.g., mayonnaise, salad dressing) | 100 mg/kg | Note 21 | Adopted | 2001 |
| 12.6.2 | Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy) | 75 mg/kg | Note 21 | Adopted | 2001 |
| 12.7 | Salads (e.g., macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories 04.2.2.5 and 05.1.3 | 100 mg/kg | Note 21 | Adopted | 2001 |
| 13.6 | Food supplements | 150 mg/kg | Note 21 | Adopted | 2001 |

EDTAs

Function: Antioxidant, Preservative, Sequestrant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|----------|---------|------|
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 200 mg/kg | Note 21 | Adopted | 2001 |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 35 mg/kg | Note 21 | Adopted | 2001 |
| 14.2.1 | Beer and malt beverages | 25 mg/kg | Note 21 | Adopted | 2004 |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | 25 mg/kg | Note 21 | Adopted | 2005 |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 25 mg/kg | Note 21 | 6 | |

ENZYME TREATED STARCH

Enzyme Treated Starch INS: 1405

Function: Bulking Agent, Emulsifier, Stabilizer, Thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|------|------|
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | GMP | | 4 | |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 10000 mg/kg | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 10000 mg/kg | | 7 | |

ERYTHORBIC ACID

Erythorbic Acid INS: 315

Function: Antioxidant, Colour Retention Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|------|------|
| 02.1.2 | Vegetable oils and fats | 100 mg/kg | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 100 mg/kg | | 7 | |
| 04.1.1 | Fresh fruit | GMP | | 7 | |
| 04.2.1.3 | Peeled, cut or shredded fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | 500 mg/kg | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 1500 mg/kg | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 15 | 7 | |

ERYTHORBIC ACID

Function: Antioxidant, Colour Retention Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|----------|------|------|
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |
| 14.2.3 | Grape wines | 250 mg/kg | | 4 | |

ERYTHRITOL

Erythritol INS: 968

Function: Sweetener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|--------------|----------|------|------|
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | 40000 mg/kg | | 4 | |
| 01.4.1 | Pasteurized cream (plain) | 600000 mg/kg | | 4 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | 600000 mg/kg | | 4 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | 200000 mg/kg | | 4 | |
| 12.1.2 | Salt Substitutes | 200000 mg/kg | | 4 | |
| 12.2.1 | Herbs and spices | 200000 mg/kg | Note 51 | 4 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 40000 mg/kg | | 4 | |

ERYTHROSINE

Erythrosine INS: 127

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|---------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 300 mg/kg | | 6 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 300 mg/kg | | 6 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 300 mg/kg | | 3 | |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | 300 mg/kg | | 6 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 300 mg/kg | | 6 | |
| 03.0 | Edible ices, including sherbet and sorbet | 300 mg/kg | | 6 | |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | 300 mg/kg | | 6 | |
| 04.1.2.5 | Jams, jellies, marmelades | 400 mg/kg | | 6 | |
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | 300 mg/kg | | 6 | |
| 04.1.2.7 | Candied fruit | 200 mg/kg | Note 54 | Adopted | 2005 |

ERYTHROSINE

| Function: | Colour | | | | |
|-----------|---|-----------|----------|------|------|
| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 300 mg/kg | | 6 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 300 mg/kg | | 6 | |
| 04.1.2.11 | Fruit fillings for pastries | 300 mg/kg | | 6 | |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 300 mg/kg | | 6 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 300 mg/kg | | 3 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 300 mg/kg | | 6 | |
| 05.3 | Chewing gum | 200 mg/kg | | 6 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 300 mg/kg | | 6 | |
| 06.3 | Breakfast cereals, including rolled oats | 300 mg/kg | | 6 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 300 mg/kg | | 6 | |
| 08.2 | Processed meat, poultry, and game products in whole pieces or cuts | 30 mg/kg | | 6 | |
| 08.3 | Processed comminuted meat, poultry, and game products | 30 mg/kg | | 6 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | 300 mg/kg | | 6 | |
| 09.3.3 | Salmon substitutes, caviar, and other fish roe products | 300 mg/kg | | 6 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 300 mg/kg | | 6 | |
| 12.2 | Herbs, spices, seasonings and condiments (e.g., seasoning for instant noodles) | 300 mg/kg | | 6 | |
| 13.6 | Food supplements | 300 mg/kg | | 6 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 300 mg/kg | | 6 | |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 300 mg/kg | | 6 | |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 300 mg/kg | Note 2 | 6 | |

ETHYL MALTOL

Ethyl Maltol

INS: 637

| Function: | Flavour Enhancer, Stabilizer | | | | |
|-----------|---|-----------|----------|------|------|
| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 200 mg/kg | | 7 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 200 mg/kg | | 7 | |

ETHYL MALTOL

Function: Flavour Enhancer, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|------|------|
| 03.0 | Edible ices, including sherbet and sorbet | 200 mg/kg | | 7 | |
| 05.1.4 | Cocoa and chocolate products | 1000 mg/kg | | 7 | |
| 05.1.5 | Imitation chocolate, chocolate substitute products | 1000 mg/kg | | 7 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 200 mg/kg | | 7 | |
| 05.3 | Chewing gum | 1000 mg/kg | | 7 | |
| 07.2 | Fine bakery wares (sweet, salty, savoury) and mixes | 200 mg/kg | | 7 | |
| 11.6 | Table-top sweeteners, including those containing high-intensity sweeteners | GMP | | 4 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 200 mg/kg | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 200 mg/kg | | 7 | |
| 14.2.2 | Cider and perry | 100 mg/kg | | 7 | |
| 14.2.3 | Grape wines | 100 mg/kg | Note 93 | 7 | |
| 14.2.4 | Wines (other than grape) | 100 mg/kg | | 7 | |

FAST GREEN FCF

Fast Green FCF

INS: 143

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|---------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 100 mg/kg | | Adopted | 1999 |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 100 mg/kg | Note 2 | Adopted | 1999 |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | Adopted | 1999 |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 100 mg/kg | | 6 | |
| 03.0 | Edible ices, including sherbet and sorbet | 100 mg/kg | | Adopted | 1999 |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | 200 mg/kg | | Adopted | 1999 |
| 04.1.2.5 | Jams, jellies, marmelades | 400 mg/kg | | Adopted | 1999 |
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | 100 mg/kg | | 6 | |
| 04.1.2.7 | Candied fruit | 100 mg/kg | | 6 | |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 100 mg/kg | | 6 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 100 mg/kg | | 6 | |
| 04.1.2.11 | Fruit fillings for pastries | 100 mg/kg | | 6 | |

FAST GREEN FCF

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|-------------|---------|------|
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 300 mg/kg | | Adopted | 1999 |
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 200 mg/kg | | Adopted | 1999 |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 300 mg/kg | | 3 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 100 mg/kg | | 6 | |
| 05.3 | Chewing gum | 300 mg/kg | | Adopted | 1999 |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 100 mg/kg | | 6 | |
| 06.4.2 | Dried pastas and noodles and like products | 100 mg/kg | | 6 | |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 100 mg/kg | | 6 | |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 290 mg/kg | | 3 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 100 mg/kg | | 6 | |
| 07.0 | Bakery wares | 100 mg/kg | | 6 | |
| 07.1.1 | Breads and rolls | 100 mg/kg | | Adopted | 1999 |
| 07.2 | Fine bakery wares (sweet, salty, savoury) and mixes | 100 mg/kg | | Adopted | 1999 |
| 08.1 | Fresh meat, poultry, and game | 1000 mg/kg | Notes 3 & 4 | 3 | |
| 08.2 | Processed meat, poultry, and game products in whole pieces or cuts | 1000 mg/kg | Notes 3 & 4 | 3 | |
| 08.4 | Edible casings (e.g., sausage casings) | 1000 mg/kg | Notes 3 & 4 | 3 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 100 mg/kg | | 6 | |
| 09.2.4.1 | Cooked fish and fish products | 100 mg/kg | | Adopted | 1999 |
| 09.2.4.3 | Fried fish and fish products, including mollusks, crustaceans, and echinoderms | 100 mg/kg | | 6 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | 100 mg/kg | | Adopted | 1999 |
| 09.3.3 | Salmon substitutes, caviar, and other fish roe products | 100 mg/kg | | Adopted | 1999 |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 100 mg/kg | | 6 | |
| 10.1 | Fresh eggs | GMP | Note 4 | Adopted | 1999 |
| 10.4 | Egg-based desserts (e.g., custard) | 100 mg/kg | | 6 | |
| 12.2.2 | Seasonings and condiments | 100 mg/kg | | 6 | |
| 12.6.1 | Emulsified sauces (e.g., mayonnaise, salad dressing) | 100 mg/kg | | 6 | |
| 13.6 | Food supplements | GMP | | 6 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 100 mg/kg | | Adopted | 1999 |

FAST GREEN FCF

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|----------|---------|------|
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | 100 mg/kg | | Adopted | 1999 |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 100 mg/kg | | Adopted | 1999 |

FERRIC AMMONIUM CITRATE

Ferric Ammonium Citrate INS: 381

Function: Anticaking Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|---------|------|
| 14.1.4.3 | Concentrates (liquid or solid) for water-based flavoured drinks | 10 mg/kg | Note 23 | Adopted | 1999 |

FERROCYANIDES

Sodium Ferrocyanide INS: 535 Potassium Ferrocyanide INS: 536

Calcium Ferrocyanide INS: 538

Function: Anticaking Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---------------------------|----------|----------------|---------|------|
| 12.1.1 | Salt | 14 mg/kg | Notes 24 & 107 | Adopted | 2006 |
| 12.1.2 | Salt Substitutes | 20 mg/kg | Note 24 | Adopted | 1999 |
| 12.2.2 | Seasonings and condiments | 20 mg/kg | Note 24 | Adopted | 1999 |

FERROUS GLUCONATE

Ferrous Gluconate INS: 579

Function: Acidity Regulator, Colour Retention Agent, Preservative

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|---------------|---------|------|
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 150 mg/kg | Notes 23 & 48 | Adopted | 1999 |

FERROUS LACTATE

Ferrous Lactate INS: 585

Function: Acidity Regulator, Colour Retention Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|---------------|---------|------|
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 150 mg/kg | Notes 23 & 48 | Adopted | 1999 |

FORMATES

FORMATES

Formic Acid INS: 236

Function: Preservative

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|----------|---------|------|
| 12.6 | Sauces and like products | 200 mg/kg | Note 25 | Adopted | 2001 |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 100 mg/kg | Note 25 | Adopted | 2001 |

FUMARIC ACID

Fumaric Acid INS: 297

Function: Acidity Regulator, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|------|------|
| 01.2.1 | Fermented milks (plain) | GMP | | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 4 | |
| 06.4.1 | Fresh pastas and noodles and like products | 600 mg/kg | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | 600 mg/kg | | 4 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 12.1.2 | Salt Substitutes | GMP | | 4 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 4 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 1000 mg/kg | Note 2 | 7 | |
| 14.2.3 | Grape wines | 3000 mg/kg | Note 109 | 7 | |

GELLAN GUM

Gellan Gum INS: 418

Function: Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|----------|------|------|
| 01.1.1 | Milk and buttermilk (plain) | GMP | | 7 | |
| 01.2.1.1 | Fermented milks (plain), not heat-treated after fermentation | GMP | | 4 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |

GELLAN GUM

Function: Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|------|------|
| 04.1.1.2 | Surface-treated fresh fruit | GMP | | 7 | |
| 04.1.1.3 | Peeled or cut fresh fruit | GMP | | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.1.3 | Peeled, cut or shredded fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 06.4.1 | Fresh pastas and noodles and like products | GMP | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 7 | |
| 08.1 | Fresh meat, poultry, and game | GMP | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 10.2.1 | Liquid egg products | GMP | | 7 | |
| 10.2.2 | Frozen egg products | GMP | | 7 | |
| 11.3 | Sugar solutions and syrups, also (partially) inverted, including treacle and molasses, excluding products of food category 11.1.3 | 500 mg/kg | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 500 mg/kg | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |
| 14.2.3 | Grape wines | GMP | | 7 | |

GLUCONO DELTA-LACTONE

Glucono Delta-Lactone

INS: 575

Function: Acidity Regulator, Raising Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|----------|---------|------|
| 01.2.1 | Fermented milks (plain) | GMP | | 7 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 4 | |
| 01.6.6 | Whey protein cheese | GMP | | Adopted | 2006 |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |

GLUCONO DELTA-LACTONE

Function: Acidity Regulator, Raising Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|------|------|
| 06.4.1 | Fresh pastas and noodles and like products | GMP | | 4 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | 100 mg/kg | | 4 | |
| 13.1.3 | Formulae for special medical purposes for infants | 5000 mg/kg | | 4 | |
| 13.2 | Complementary foods for infants and young children | 5000 mg/kg | | 4 | |

GLUCOSE OXIDASE (ASPERGILLUS NIGER VAR.)

Glucose Oxidase (Aspergillus niger var.) INS: 1102

Function: Antioxidant, Preservative, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--------------|-----------|----------|------|------|
| 06.2.1 | Flours | 780 mg/kg | | 4 | |
| 14.2.3 | Grape wines | GMP | | 7 | |

GLUTAMIC ACID, (L+)-

Glutamic Acid (L(+)-) INS: 620

Function: Flavour Enhancer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|------------------|----------|----------|------|------|
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |

GLYCEROL

Glycerol INS: 422

Function: Emulsifier, Humectant, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|------|------|
| 01.1.1.2 | Buttermilk (plain) | GMP | | 7 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 7 | |
| 01.2.2 | Renneted milk (plain) | GMP | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Note 16 | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 16 | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 4 | |
| 06.4.1 | Fresh pastas and noodles and like products | GMP | | 4 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | Note 16 | 7 | |

GLYCEROL

Function: Emulsifier, Humectant, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|----------|------|------|
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 10.2.2 | Frozen egg products | GMP | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | Note 51 | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |

GLYCEROL ESTER OF WOOD ROSIN

Glycerol Ester of Wood Rosin

INS: 445

Function: Adjuvant, Bulking Agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|---------|------|
| 04.1.1.2 | Surface-treated fresh fruit | 110 mg/kg | | Adopted | 2005 |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 110 mg/kg | | Adopted | 2005 |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 150 mg/kg | | Adopted | 1999 |

GRAPE SKIN EXTRACT

Grape Skin Extract

INS: 163ii

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 1500 mg/kg | | 3 | |
| 01.3.2 | Beverage whiteners | 1500 mg/kg | | 3 | |
| 01.4 | Cream (plain) and the like | 1500 mg/kg | | 3 | |

GRAPE SKIN EXTRACT

| Function: | Colour | | | | |
|-----------|--|------------|----------|------|------|
| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
| 01.5.2 | Milk and cream powder analogues | 1500 mg/kg | | 3 | |
| 01.6.1 | Unripened cheese | 1000 mg/kg | | 3 | |
| 01.6.2.1 | Ripened cheese, includes rind | 125 mg/kg | | 6 | |
| 01.6.2.2 | Rind of ripened cheese | 1000 mg/kg | | 3 | |
| 01.6.4.2 | Flavoured processed cheese, including containing fruit, vegetables, meat, etc. | 1000 mg/kg | | 3 | |
| 01.6.5 | Cheese analogues | 1000 mg/kg | | 3 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 100 mg/kg | | 6 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 1500 mg/kg | | 3 | |
| 03.0 | Edible ices, including sherbet and sorbet | 1000 mg/kg | | 3 | |
| 03.0 | Edible ices, including sherbet and sorbet | 100 mg/kg | | 6 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Note 16 | 6 | |
| 04.1.2.3 | Fruit in vinegar, oil, or brine | 1500 mg/kg | | 3 | |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | 1500 mg/kg | | 3 | |
| 04.1.2.5 | Jams, jellies, marmelades | 1500 mg/kg | | 3 | |
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | 500 mg/kg | | 6 | |
| 04.1.2.7 | Candied fruit | 1500 mg/kg | | 3 | |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 1500 mg/kg | | 3 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 1500 mg/kg | | 3 | |
| 04.1.2.10 | Fermented fruit products | 1500 mg/kg | | 3 | |
| 04.1.2.11 | Fruit fillings for pastries | 1500 mg/kg | | 3 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 16 | 6 | |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 500 mg/kg | | 6 | |
| 04.2.2.5 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed purees and spreads (e.g., peanut butter) | 1500 mg/kg | | 3 | |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 1500 mg/kg | | 3 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 1500 mg/kg | | 3 | |
| 05.1.5 | Imitation chocolate, chocolate substitute products | 500 mg/kg | | 3 | |

GRAPE SKIN EXTRACT

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 10000 mg/kg | | 3 | |
| 05.3 | Chewing gum | 10000 mg/kg | | 6 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 10000 mg/kg | | 3 | |
| 06.3 | Breakfast cereals, including rolled oats | 200 mg/kg | | 6 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 1500 mg/kg | | 3 | |
| 07.0 | Bakery wares | 1500 mg/kg | | 3 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | 5000 mg/kg | Note 16 | 3 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | 1000 mg/kg | Note 94 | 6 | |
| 08.2 | Processed meat, poultry, and game products in whole pieces or cuts | 5000 mg/kg | | 3 | |
| 08.3.1.1 | Cured (including salted) non-heat treated processed comminuted meat, poultry, and game products | 5000 mg/kg | | 3 | |
| 08.3.1.2 | Cured (including salted) and dried non-heat treated processed comminuted meat, poultry, and game products | 5000 mg/kg | Note 16 | 3 | |
| 08.3.1.3 | Fermented non-heat treated processed comminuted meat, poultry, and game products | 5000 mg/kg | Note 16 | 3 | |
| 08.3.2 | Heat-treated processed comminuted meat, poultry, and game products | 5000 mg/kg | Note 16 | 3 | |
| 08.3.3 | Frozen processed comminuted meat, poultry, and game products | 5000 mg/kg | Note 16 | 3 | |
| 08.4 | Edible casings (e.g., sausage casings) | 5000 mg/kg | | 3 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | | 3 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 6 | |
| 09.2.4.1 | Cooked fish and fish products | 500 mg/kg | | 3 | |
| 09.2.4.2 | Cooked mollusks, crustaceans, and echinoderms | 1000 mg/kg | | 3 | |
| 09.2.4.3 | Fried fish and fish products, including mollusks, crustaceans, and echinoderms | 1000 mg/kg | Note 16 | 3 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | 1000 mg/kg | Note 22 | 3 | |
| 09.3.1 | Fish and fish products, including mollusks, crustaceans, and echinoderms, marinated and/or in jelly | 500 mg/kg | Note 16 | 3 | |
| 09.3.2 | Fish and fish products, including mollusks, crustaceans, and echinoderms, pickled and/or in brine | 1500 mg/kg | Note 16 | 3 | |
| 09.3.3 | Salmon substitutes, caviar, and other fish roe products | 1500 mg/kg | | 3 | |
| 09.3.4 | Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms (e.g., fish paste), excluding products of food categories 09.3.1 - 09.3.3 | 1500 mg/kg | Note 16 | 3 | |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 1500 mg/kg | | 3 | |
| 10.1 | Fresh eggs | 1500 mg/kg | Note 4 | 3 | |
| 10.4 | Egg-based desserts (e.g., custard) | 500 mg/kg | | 3 | |

GRAPE SKIN EXTRACT

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|------|------|
| 12.2 | Herbs, spices, seasonings and condiments (e.g., seasoning for instant noodles) | 1500 mg/kg | | 3 | |
| 12.4 | Mustards | 500 mg/kg | | 3 | |
| 12.5 | Soups and broths | 1500 mg/kg | | 3 | |
| 12.6.1 | Emulsified sauces (e.g., mayonnaise, salad dressing) | 1500 mg/kg | | 3 | |
| 12.6.2 | Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy) | 500 mg/kg | | 3 | |
| 12.6.3 | Mixes for sauces and gravies | 500 mg/kg | | 3 | |
| 12.7 | Salads (e.g., macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories 04.2.2.5 and 05.1.3 | 1500 mg/kg | | 3 | |
| 12.9.5 | Other protein products | 500 mg/kg | | 3 | |
| 13.1.3 | Formulae for special medical purposes for infants | 20 mg/kg | Note 84 | 3 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 1500 mg/kg | | 3 | |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 1500 mg/kg | | 3 | |
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | 1500 mg/kg | | 3 | |
| 13.6 | Food supplements | 1500 mg/kg | | 3 | |
| 14.1.3.2 | Vegetable nectar | 1500 mg/kg | | 3 | |
| 14.1.3.4 | Concentrates for vegetable nectar | 1500 mg/kg | | 3 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 500 mg/kg | | 6 | |
| 14.2.1 | Beer and malt beverages | 1500 mg/kg | | 3 | |
| 14.2.2 | Cider and perry | 1500 mg/kg | | 3 | |
| 14.2.3.2 | Sparkling and semi-sparkling grape wines | 1500 mg/kg | | 3 | |
| 14.2.3.3 | Fortified grape wine, grape liquor wine, and sweet grape wine | 1500 mg/kg | | 3 | |
| 14.2.4 | Wines (other than grape) | 1500 mg/kg | | 3 | |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | 1500 mg/kg | | 3 | |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 1500 mg/kg | | 3 | |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 10000 mg/kg | | 3 | |
| 15.2 | Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit) | 10000 mg/kg | | 3 | |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 10 mg/kg | | 6 | |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 1500 mg/kg | | 3 | |

GUAIAIC RESIN

GUAIAIC RESIN

Guaiac Resin

INS: 314

Function: Antioxidant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|---------|------|
| 02.1.2 | Vegetable oils and fats | 1000 mg/kg | | Adopted | 2006 |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 1000 mg/kg | | Adopted | 2006 |
| 02.2.1.3 | Blends of butter and margarine | 1000 mg/kg | | Adopted | 2006 |
| 05.3 | Chewing gum | 1500 mg/kg | | Adopted | 1999 |
| 12.6 | Sauces and like products | 600 mg/kg | Note 15 | Adopted | 2004 |

GUANYLIC ACID, 5'-

Guanylic Acid, 5'-

INS: 626

Function: Flavour Enhancer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|------------------|----------|----------|------|------|
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |

GUAR GUM

Guar Gum

INS: 412

Function: Bulking Agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 01.1.1 | Milk and buttermilk (plain) | 6000 mg/kg | | 7 | |
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | GMP | | 4 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | 5000 mg/kg | | 7 | |
| 01.2.2 | Renneted milk (plain) | GMP | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | 5000 mg/kg | | 7 | |
| 02.1.2 | Vegetable oils and fats | 20000 mg/kg | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 20000 mg/kg | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | | 7 | |
| 04.1.1.3 | Peeled or cut fresh fruit | GMP | | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |

GUAR GUM

Function: Bulking Agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|---------------|------|------|
| 04.2.1.3 | Peeled, cut or shredded fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 20000 mg/kg | | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 4 | |
| 06.1 | Whole, broken, or flaked grain, including rice | GMP | | 7 | |
| 06.4.1 | Fresh pastas and noodles and like products | GMP | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | | 7 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Notes 61 & 73 | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 2000 mg/kg | | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 10.2.1 | Liquid egg products | GMP | | 7 | |
| 10.2.2 | Frozen egg products | GMP | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 10000 mg/kg | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 13.1.1 | Infant formulae | 1000 mg/kg | Note 72 | 7 | |
| 13.1.2 | Follow-up formulae | 1000 mg/kg | Note 72 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | 10000 mg/kg | | 4 | |
| 13.2 | Complementary foods for infants and young children | 20000 mg/kg | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |
| 14.2.3 | Grape wines | GMP | | 7 | |

GUM ARABIC

Gum Arabic

INS: 414

GUM ARABIC

Function: Bulking Agent, Emulsifier, Filler, Stabilizer, Thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|------|------|
| 01.1.1.2 | Buttermilk (plain) | GMP | | 7 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | 5000 mg/kg | | 7 | |
| 01.2.2 | Renneted milk (plain) | GMP | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | 5000 mg/kg | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | 5000 mg/kg | | 7 | |
| 02.1.2 | Vegetable oils and fats | 15000 mg/kg | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 15000 mg/kg | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Note 16 | 7 | |
| 04.2.1 | Fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 83000 mg/kg | Note 79 | 7 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 83000 mg/kg | | 7 | |
| 06.4.1 | Fresh pastas and noodles and like products | GMP | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 7 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | Note 16 | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 10.2.1 | Liquid egg products | GMP | | 7 | |
| 10.2.2 | Frozen egg products | GMP | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | 20000 mg/kg | | 4 | |
| 13.2 | Complementary foods for infants and young children | 20000 mg/kg | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |
| 14.2.3 | Grape wines | 300 mg/kg | | 7 | |

HEXAMETHYLENE TETRAMINE

HEXAMETHYLENE TETRAMINE

Hexamethylene Tetramine INS: 239

Function: Preservative

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|-------------------------------|----------|----------|---------|------|
| 01.6.2.1 | Ripened cheese, includes rind | 25 mg/kg | Note 66 | Adopted | 2001 |

HYDROCHLORIC ACID

Hydrochloric Acid INS: 507

Function: Acidity Regulator

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|----------|------|------|
| 01.2.1 | Fermented milks (plain) | GMP | | 7 | |
| 06.2 | Flours and starches (including soybean powder) | GMP | | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | GMP | | 4 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |

HYDROGENATED POLY-1-DECENE

Hydrogenated Poly-1-decene INS: 907

Function: Glazing Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--------------|------------|----------|------|------|
| 04.1.2.2 | Dried fruit | 2000 mg/kg | | 4 | |
| 05.2.2 | Soft candy | 2000 mg/kg | | 4 | |

HYDROXYBENZOATES, p-

Ethyl p-Hydroxybenzoate INS: 214 Propyl p-Hydroxybenzoate INS: 216

Methyl p-Hydroxybenzoate INS: 218

Function: Preservative

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|------|------|
| 01.6.2 | Ripened cheese | 500 mg/kg | Note 27 | 7 | |
| 01.6.4 | Processed cheese | 300 mg/kg | Note 27 | 7 | |
| 01.6.5 | Cheese analogues | 500 mg/kg | Note 27 | 7 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 120 mg/kg | Note 27 | 7 | |
| 02.2.2 | Emulsions containing less than 80% fat | 300 mg/kg | Note 27 | 7 | |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | 300 mg/kg | Note 27 | 7 | |
| 03.0 | Edible ices, including sherbet and sorbet | 1000 mg/kg | Note 27 | 7 | |

HYDROXYBENZOATES, p-

Function: Preservative

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|------|------|
| 04.1.1.2 | Surface-treated fresh fruit | 12 mg/kg | Note 27 | 7 | |
| 04.1.1.3 | Peeled or cut fresh fruit | 12 mg/kg | Note 27 | 7 | |
| 04.1.2.1 | Frozen fruit | 800 mg/kg | Note 27 | 7 | |
| 04.1.2.2 | Dried fruit | 800 mg/kg | Note 27 | 7 | |
| 04.1.2.3 | Fruit in vinegar, oil, or brine | 800 mg/kg | Note 27 | 7 | |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | 800 mg/kg | Note 27 | 7 | |
| 04.1.2.5 | Jams, jellies, marmelades | 1000 mg/kg | Note 27 | 7 | |
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | 1000 mg/kg | Note 27 | 7 | |
| 04.1.2.7 | Candied fruit | 1000 mg/kg | Note 27 | 7 | |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 800 mg/kg | Note 27 | 7 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 800 mg/kg | Note 27 | 7 | |
| 04.1.2.10 | Fermented fruit products | 800 mg/kg | Note 27 | 7 | |
| 04.1.2.11 | Fruit fillings for pastries | 800 mg/kg | Note 27 | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 12 mg/kg | Note 27 | 7 | |
| 04.2.1.3 | Peeled, cut or shredded fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 12 mg/kg | Note 27 | 7 | |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 1000 mg/kg | Note 27 | 7 | |
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 300 mg/kg | Note 27 | 7 | |
| 04.2.2.5 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed purees and spreads (e.g., peanut butter) | 1000 mg/kg | Note 27 | 7 | |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 1000 mg/kg | Note 27 | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 300 mg/kg | Note 27 | 7 | |
| 05.1.1 | Cocoa mixes (powders) and cocoa mass/cake | 700 mg/kg | Note 27 | 7 | |
| 05.1.3 | Cocoa-based spreads, including fillings | 300 mg/kg | Note 27 | 7 | |
| 05.1.5 | Imitation chocolate, chocolate substitute products | 300 mg/kg | Note 27 | 7 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 2000 mg/kg | Note 27 | 7 | |
| 05.3 | Chewing gum | 1500 mg/kg | Note 27 | 7 | |

HYDROXYBENZOATES, p-

Function: Preservative

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|--------------|------|------|
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 300 mg/kg | Note 27 | 7 | |
| 07.2 | Fine bakery wares (sweet, salty, savoury) and mixes | 300 mg/kg | Note 27 | 7 | |
| 08.2.1.2 | Cured (including salted) and dried non-heat treated processed meat, poultry, and game products in whole pieces or cuts | GMP | Notes 3 & 27 | 7 | |
| 08.3.1.2 | Cured (including salted) and dried non-heat treated processed comminuted meat, poultry, and game products | GMP | Notes 3 & 27 | 7 | |
| 08.4 | Edible casings (e.g., sausage casings) | 36 mg/kg | Note 27 | 7 | |
| 09.3 | Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms | 1000 mg/kg | Note 27 | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 100 mg/kg | Note 27 | 7 | |
| 11.6 | Table-top sweeteners, including those containing high-intensity sweeteners | 1500 mg/kg | Note 27 | 4 | |
| 12.3 | Vinegars | 100 mg/kg | Note 27 | 7 | |
| 12.4 | Mustards | 300 mg/kg | Note 27 | 7 | |
| 12.5 | Soups and broths | 300 mg/kg | Note 27 | 7 | |
| 12.6 | Sauces and like products | 1000 mg/kg | Note 27 | 7 | |
| 12.7 | Salads (e.g., macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories 04.2.2.5 and 05.1.3 | 300 mg/kg | Note 27 | 7 | |
| 12.9.1.3 | Other soybean protein products (including non-fermented soy sauce) | 250 mg/kg | Note 27 | 7 | |
| 13.6 | Food supplements | 2000 mg/kg | Note 27 | 4 | |
| 14.1.2.2 | Vegetable juice | 1000 mg/kg | Note 27 | 7 | |
| 14.1.2.4 | Concentrates for vegetable juice | 1000 mg/kg | Note 27 | 7 | |
| 14.1.3.2 | Vegetable nectar | 200 mg/kg | Note 27 | 7 | |
| 14.1.3.4 | Concentrates for vegetable nectar | 200 mg/kg | Note 27 | 7 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 1000 mg/kg | Note 27 | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 450 mg/kg | Note 27 | 7 | |
| 14.2.1 | Beer and malt beverages | 200 mg/kg | Note 27 | 7 | |
| 14.2.2 | Cider and perry | 200 mg/kg | Note 27 | 7 | |
| 14.2.3 | Grape wines | 50 mg/kg | Note 27 | 7 | |
| 14.2.4 | Wines (other than grape) | 200 mg/kg | Note 27 | 7 | |
| 14.2.5 | Mead | 200 mg/kg | Note 27 | 7 | |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 1000 mg/kg | Note 27 | 7 | |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 1000 mg/kg | Note 27 | 4 | |
| 15.2 | Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit) | 300 mg/kg | Note 27 | 7 | |

HYDROXYBENZOATES, p-

Function: Preservative

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|------|------|
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 1000 mg/kg | Note 27 | 7 | |

HYDROXYPROPYL CELLULOSE

Hydroxypropyl Cellulose

INS: 463

Function: Bulking Agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|------|------|
| 01.1.1.2 | Buttermilk (plain) | GMP | | 7 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 7 | |
| 01.2.2 | Renneted milk (plain) | GMP | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Note 16 | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 16 | 7 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | Note 16 | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 41 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |

HYDROXYPROPYL DISTARCH PHOSPHATE

Hydroxypropyl Distarch Phosphate

INS: 1442

HYDROXYPROPYL DISTARCH PHOSPHATE

Function: Bulking Agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|---------|------|
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | GMP | | 4 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 01.8.2 | Dried whey and whey products, excluding whey cheeses | 10000 mg/kg | | Adopted | 2006 |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 41 | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 10000 mg/kg | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 10000 mg/kg | | 7 | |

HYDROXYPROPYL METHYL CELLULOSE

Hydroxypropyl Methyl Cellulose

INS: 464

Function: Bulking Agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|------|------|
| 01.1.1.2 | Buttermilk (plain) | GMP | | 7 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 7 | |
| 01.2.2 | Renneted milk (plain) | GMP | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Note 16 | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 16 | 7 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | Note 16 | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 41 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |

HYDROXYPROPYL METHYL CELLULOSE

Function: Bulking Agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|----------|------|------|
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |

HYDROXYPROPYL STARCH

Hydroxypropyl Starch

INS: 1440

Function: Bulking Agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 01.1.1.2 | Buttermilk (plain) | GMP | | 7 | |
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | GMP | | 4 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 7 | |
| 01.2.2 | Renneted milk (plain) | GMP | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Note 16 | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 16 | 7 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | Note 16 | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 41 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 10000 mg/kg | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |

HYDROXYPROPYL STARCH

Function: Bulking Agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------------|------|------|
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 13.1.1 | Infant formulae | 5000 mg/kg | Notes 72 & 150 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | 60000 GMP | | 4 | |
| 13.2 | Complementary foods for infants and young children | 60000 mg/kg | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 10000 mg/kg | | 7 | |

INDIGOTINE

Indigotine INS: 132

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 300 mg/kg | | 6 | |
| 01.6.1 | Unripened cheese | 200 mg/kg | Note 3 | 3 | |
| 01.6.2.2 | Rind of ripened cheese | 100 mg/kg | | 6 | |
| 01.6.5 | Cheese analogues | 200 mg/kg | Note 3 | 3 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 300 mg/kg | | 6 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 200 mg/kg | | 3 | |
| 02.2.1.2 | Margarine and similar products | 200 mg/kg | | 3 | |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | 300 mg/kg | | 6 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 300 mg/kg | | 6 | |
| 03.0 | Edible ices, including sherbet and sorbet | 300 mg/kg | | 6 | |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | 200 mg/kg | | 6 | |
| 04.1.2.5 | Jams, jellies, marmelades | 500 mg/kg | | 6 | |
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | 500 mg/kg | | 6 | |
| 04.1.2.7 | Candied fruit | 200 mg/kg | | 6 | |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 500 mg/kg | | 6 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 300 mg/kg | | 6 | |
| 04.1.2.11 | Fruit fillings for pastries | 300 mg/kg | | 6 | |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 500 mg/kg | | 6 | |
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 200 mg/kg | | 6 | |

INDIGOTINE

| Function: | Colour | | | | |
|-----------|--|-----------|----------|------|------|
| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 200 mg/kg | | 6 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 500 mg/kg | | 3 | |
| 05.1.3 | Cocoa-based spreads, including fillings | 100 mg/kg | | 6 | |
| 05.1.4 | Cocoa and chocolate products | 450 mg/kg | | 6 | |
| 05.1.5 | Imitation chocolate, chocolate substitute products | 450 mg/kg | | 6 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 450 mg/kg | | 6 | |
| 05.3 | Chewing gum | 300 mg/kg | | 6 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 500 mg/kg | | 6 | |
| 06.3 | Breakfast cereals, including rolled oats | 300 mg/kg | | 6 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 300 mg/kg | | 6 | |
| 07.0 | Bakery wares | 300 mg/kg | | 6 | |
| 09.1.1 | Fresh fish | 300 mg/kg | Note 50 | 6 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 95 | 6 | |
| 09.2.4.1 | Cooked fish and fish products | 500 mg/kg | | 6 | |
| 09.2.4.2 | Cooked mollusks, crustaceans, and echinoderms | 250 mg/kg | | 6 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 22 | 6 | |
| 09.3.3 | Salmon substitutes, caviar, and other fish roe products | 500 mg/kg | | 6 | |
| 09.3.4 | Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms (e.g., fish paste), excluding products of food categories 09.3.1 - 09.3.3 | 500 mg/kg | | 6 | |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | | 6 | |
| 10.1 | Fresh eggs | 300 mg/kg | Note 4 | 3 | |
| 10.4 | Egg-based desserts (e.g., custard) | 300 mg/kg | | 6 | |
| 11.3 | Sugar solutions and syrups, also (partially) inverted, including treacle and molasses, excluding products of food category 11.1.3 | 300 mg/kg | | 6 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 300 mg/kg | | 6 | |
| 11.6 | Table-top sweeteners, including those containing high-intensity sweeteners | 300 mg/kg | | 6 | |
| 12.2.1 | Herbs and spices | 300 mg/kg | | 6 | |
| 12.2.2 | Seasonings and condiments | 500 mg/kg | | 6 | |
| 12.4 | Mustards | 300 mg/kg | | 6 | |

INDIGOTINE

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|------|------|
| 12.5 | Soups and broths | 300 mg/kg | | 6 | |
| 12.6 | Sauces and like products | 500 mg/kg | | 6 | |
| 12.9.5 | Other protein products | 100 mg/kg | | 6 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 50 mg/kg | | 6 | |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 50 mg/kg | | 6 | |
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | 300 mg/kg | | 6 | |
| 13.6 | Food supplements | 300 mg/kg | | 6 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 300 mg/kg | | 6 | |
| 14.2.2 | Cider and perry | 200 mg/kg | | 6 | |
| 14.2.4 | Wines (other than grape) | 200 mg/kg | | 6 | |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | 300 mg/kg | | 6 | |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 200 mg/kg | | 6 | |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 300 mg/kg | | 6 | |
| 15.2 | Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit) | 100 mg/kg | | 6 | |

INOSINIC ACID, 5'-

Inosinic Acid, 5'-

INS: 630

Function: Flavour Enhancer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|------------------|----------|----------|------|------|
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |

INVERTASE (SACCHAROMYCES CEREVISIAE)

Invertase (Saccharomyces cerevisiae)

INS: 1103

Function: Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|------|------|
| 11.3 | Sugar solutions and syrups, also (partially) inverted, including treacle and molasses, excluding products of food category 11.1.3 | GMP | | 4 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 4 | |

IRON OXIDES

IRON OXIDES

| | | | |
|--------------------|-------------|-----------------|------------|
| Iron Oxide, Black | INS: 172i | Iron Oxide, Red | INS: 172ii |
| Iron Oxide, Yellow | INS: 172iii | | |

| Function: | Colour | | | | |
|-----------|--|-------------|----------|---------|------|
| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 20 mg/kg | | Adopted | 2005 |
| 01.4 | Cream (plain) and the like | GMP | | 6 | |
| 01.6.1 | Unripened cheese | GMP | | 6 | |
| 01.6.2.2 | Rind of ripened cheese | 100 mg/kg | | Adopted | 2005 |
| 01.6.4 | Processed cheese | 50 mg/kg | | Adopted | 2005 |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 100 mg/kg | | Adopted | 2005 |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 350 mg/kg | | Adopted | 2005 |
| 03.0 | Edible ices, including sherbet and sorbet | 300 mg/kg | | Adopted | 2005 |
| 04.1.1.2 | Surface-treated fresh fruit | 1000 mg/kg | Note 16 | Adopted | 2005 |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | 300 mg/kg | | Adopted | 2005 |
| 04.1.2.5 | Jams, jellies, marmelades | 200 mg/kg | | Adopted | 2005 |
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | 500 mg/kg | | Adopted | 2005 |
| 04.1.2.7 | Candied fruit | 250 mg/kg | | Adopted | 2005 |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 200 mg/kg | | Adopted | 2005 |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 500 mg/kg | | 6 | |
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 75 mg/kg | | 3 | |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | GMP | | 6 | |
| 05.1.3 | Cocoa-based spreads, including fillings | GMP | | 6 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 200 mg/kg | | Adopted | 2005 |
| 05.3 | Chewing gum | 10000 mg/kg | | 6 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 100 mg/kg | | Adopted | 2005 |
| 06.3 | Breakfast cereals, including rolled oats | 75 mg/kg | | Adopted | 2005 |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 75 mg/kg | | Adopted | 2005 |
| 07.2 | Fine bakery wares (sweet, salty, savoury) and mixes | 100 mg/kg | | Adopted | 2005 |

IRON OXIDES

| Function: | Colour | | | | |
|-----------|---|------------|----------|---------|------|
| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | 1000 mg/kg | Note 94 | 6 | |
| 08.3.1.1 | Cured (including salted) non-heat treated processed comminuted meat, poultry, and game products | 1000 mg/kg | Note 78 | 6 | |
| 08.3.1.3 | Fermented non-heat treated processed comminuted meat, poultry, and game products | GMP | Note 16 | 6 | |
| 08.3.2 | Heat-treated processed comminuted meat, poultry, and game products | GMP | Note 16 | 6 | |
| 08.3.3 | Frozen processed comminuted meat, poultry, and game products | GMP | Note 16 | 6 | |
| 08.4 | Edible casings (e.g., sausage casings) | 1000 mg/kg | Note 72 | Adopted | 2005 |
| 09.1.1 | Fresh fish | GMP | Note 50 | 6 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 95 | 6 | |
| 09.2.4.2 | Cooked mollusks, crustaceans, and echinoderms | GMP | | 6 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | 250 mg/kg | Note 22 | Adopted | 2005 |
| 09.3.3 | Salmon substitutes, caviar, and other fish roe products | 100 mg/kg | | Adopted | 2005 |
| 09.3.4 | Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms (e.g., fish paste), excluding products of food categories 09.3.1 - 09.3.3 | 50 mg/kg | | 3 | |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | | 6 | |
| 10.1 | Fresh eggs | GMP | Note 4 | Adopted | 2005 |
| 10.4 | Egg-based desserts (e.g., custard) | GMP | | 6 | |
| 12.2.2 | Seasonings and condiments | 1000 mg/kg | | Adopted | 2005 |
| 12.4 | Mustards | GMP | | 6 | |
| 12.5 | Soups and broths | 100 mg/kg | | Adopted | 2005 |
| 12.6 | Sauces and like products | 75 mg/kg | | Adopted | 2005 |
| 12.7 | Salads (e.g., macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories 04.2.2.5 and 05.1.3 | GMP | | 6 | |
| 12.9.5 | Other protein products | GMP | | 6 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | GMP | | 6 | |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | GMP | | 6 | |
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | GMP | | 6 | |
| 13.6 | Food supplements | GMP | | 6 | |
| 14.1.3.2 | Vegetable nectar | GMP | | 6 | |
| 14.1.3.4 | Concentrates for vegetable nectar | GMP | | 6 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 100 mg/kg | | Adopted | 2005 |
| 14.2.2 | Cider and perry | GMP | | 6 | |

IRON OXIDES

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|----------|---------|------|
| 14.2.3.2 | Sparkling and semi-sparkling grape wines | GMP | | 6 | |
| 14.2.4 | Wines (other than grape) | GMP | | 6 | |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | GMP | | 6 | |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | GMP | | 6 | |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 500 mg/kg | | Adopted | 2005 |
| 15.2 | Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit) | 400 mg/kg | | Adopted | 2005 |

ISOMALT

Isomalt

INS: 953

Function: Anticaking Agent, Bulking Agent, Emulsifier, Glazing Agent, Sweetener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|--------------|----------|------|------|
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 7 | |
| 01.2.2 | Renneted milk (plain) | GMP | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Note 16 | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 16 | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 50000 mg/kg | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 7 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | Note 16 | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | 100000 mg/kg | | 4 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.4.1 | Cooked fish and fish products | GMP | | 7 | |
| 09.2.4.2 | Cooked mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.4.3 | Fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |

ISOMALT

Function: Anticaking Agent, Bulking Agent, Emulsifier, Glazing Agent, Sweetener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|--------------|----------|------|------|
| 11.3 | Sugar solutions and syrups, also (partially) inverted, including treacle and molasses, excluding products of food category 11.1.3 | GMP | | 4 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 13.2 | Complementary foods for infants and young children | 100000 mg/kg | | 4 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 300000 mg/kg | | 4 | |

ISOPROPYL CITRATES

Isopropyl Citrates

INS: 384

Function: Antioxidant, Preservative, Sequestrant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|----------|---------|------|
| 02.1.2 | Vegetable oils and fats | 200 mg/kg | | Adopted | 2005 |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 200 mg/kg | | Adopted | 2001 |
| 02.2.1.2 | Margarine and similar products | 200 mg/kg | | Adopted | 2001 |
| 02.2.1.2 | Margarine and similar products | 100 mg/kg | Note 148 | 7 | |
| 02.2.2 | Emulsions containing less than 80% fat | 100 mg/kg | | Adopted | 2001 |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | 200 mg/kg | | Adopted | 2001 |
| 08.2.1.2 | Cured (including salted) and dried non-heat treated processed meat, poultry, and game products in whole pieces or cuts | 200 mg/kg | | Adopted | 2001 |
| 08.3.1.2 | Cured (including salted) and dried non-heat treated processed comminuted meat, poultry, and game products | 200 mg/kg | | Adopted | 2001 |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 200 mg/kg | | Adopted | 2001 |

KARAYA GUM

Karaya Gum

INS: 416

Function: Bulking Agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|------|------|
| 01.1.1 | Milk and buttermilk (plain) | 200 mg/kg | | 7 | |
| 01.2.1.1 | Fermented milks (plain), not heat-treated after fermentation | 200 mg/kg | | 7 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | 5000 mg/kg | | 7 | |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |

KARAYA GUM

Function: Bulking Agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|------|------|
| 04.1.1.2 | Surface-treated fresh fruit | GMP | | 7 | |
| 04.1.1.3 | Peeled or cut fresh fruit | GMP | | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.1.3 | Peeled, cut or shredded fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 06.4.1 | Fresh pastas and noodles and like products | GMP | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 7 | |
| 08.1 | Fresh meat, poultry, and game | GMP | | 7 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 10.2.1 | Liquid egg products | GMP | | 7 | |
| 10.2.2 | Frozen egg products | GMP | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |
| 14.2.3 | Grape wines | GMP | | 7 | |

KONJAC FLOUR

Konjac Flour

INS: 425

Function: Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|------|------|
| 01.1.1 | Milk and buttermilk (plain) | GMP | | 7 | |
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | GMP | | 4 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | 2000 mg/kg | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | | 7 | |
| 04.1.1.3 | Peeled or cut fresh fruit | GMP | | 7 | |

KONJAC FLOUR

Function: Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.1.3 | Peeled, cut or shredded fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 06.4.1 | Fresh pastas and noodles and like products | GMP | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | 10000 mg/kg | | 7 | |
| 08.1 | Fresh meat, poultry, and game | GMP | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 10.2.1 | Liquid egg products | GMP | | 7 | |
| 10.2.2 | Frozen egg products | GMP | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |
| 14.2.3 | Grape wines | GMP | | 7 | |

LACTIC ACID (L-, D- and DL-)

Lactic Acid (L-, D- and DL-)

INS: 270

Function: Acidity Regulator

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|---------|------|
| 01.2.1 | Fermented milks (plain) | GMP | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 4 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 4 | |
| 01.6.6 | Whey protein cheese | GMP | | Adopted | 2006 |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 02.2.1.2 | Margarine and similar products | GMP | | 4 | |
| 04.2.1 | Fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |

LACTIC ACID (L-, D- and DL-)

Function: Acidity Regulator

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 4 | |
| 06.4.1 | Fresh pastas and noodles and like products | GMP | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 4 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | 6000 mg/kg | | 7 | |
| 10.2.1 | Liquid egg products | GMP | | 7 | |
| 10.2.2 | Frozen egg products | GMP | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 13.1.1 | Infant formulae | GMP | Note 72 | 7 | |
| 13.1.2 | Follow-up formulae | GMP | Note 72 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | GMP | Note 83 | 4 | |
| 13.2 | Complementary foods for infants and young children | 15000 mg/kg | | 7 | |
| 14.2.3 | Grape wines | 4000 mg/kg | | 4 | |

LACTIC AND FATTY ACID ESTERS OF GLYCEROL

Lactic and Fatty Acid Esters of Glycerol INS: 472b

Function: Emulsifier, Sequestrant, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 01.1.1.2 | Buttermilk (plain) | GMP | | 7 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 7 | |
| 01.2.2 | Renneted milk (plain) | GMP | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | 10000 mg/kg | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | 10000 mg/kg | | 7 | |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 80000 mg/kg | | 7 | |
| 02.2.1.2 | Margarine and similar products | 10000 mg/kg | | 4 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Note 16 | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 16 | 7 | |
| 06.1 | Whole, broken, or flaked grain, including rice | GMP | | 7 | |

LACTIC AND FATTY ACID ESTERS OF GLYCEROL

Function: Emulsifier, Sequestrant, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|------|------|
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | Note 16 | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 7 | |
| 12.1.2 | Salt Substitutes | 5000 mg/kg | | 7 | |
| 12.2.1 | Herbs and spices | 5000 mg/kg | Note 51 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | 5000 mg/kg | | 4 | |
| 13.2 | Complementary foods for infants and young children | 5000 mg/kg | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |

LACTITOL

Lactitol

INS: 966

Function: Bulking Agent, Emulsifier, Stabilizer, Sweetener, Thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | 30000 mg/kg | | 4 | |
| 01.4.1 | Pasteurized cream (plain) | 30000 mg/kg | | 4 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | 30000 mg/kg | | 4 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 10000 mg/kg | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 7 | |
| 08.1 | Fresh meat, poultry, and game | GMP | | 4 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | 20000 mg/kg | | 4 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |

LACTITOL

Function: Bulking Agent, Emulsifier, Stabilizer, Sweetener, Thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|------|------|
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 4 | |
| 12.1.2 | Salt Substitutes | GMP | | 4 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 4 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 30000 mg/kg | | 4 | |

LECITHIN

Lecithins INS: 322

Function: Antioxidant, Emulsifier, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 01.1.1.2 | Buttermilk (plain) | GMP | | 7 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 7 | |
| 01.2.2 | Renneted milk (plain) | GMP | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | 5000 mg/kg | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | 5000 mg/kg | | 7 | |
| 02.1.2 | Vegetable oils and fats | 20000 mg/kg | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 20000 mg/kg | | 7 | |
| 02.2.1.2 | Margarine and similar products | GMP | | 4 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Note 16 | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 16 | 7 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 4 | |
| 06.2 | Flours and starches (including soybean powder) | 5000 mg/kg | | 7 | |
| 06.4.1 | Fresh pastas and noodles and like products | GMP | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | 5000 mg/kg | | 7 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | Note 16 | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |

LECITHIN

Function: Antioxidant, Emulsifier, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|------|------|
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 41 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 10.2.1 | Liquid egg products | GMP | | 7 | |
| 10.2.2 | Frozen egg products | GMP | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 13.1.1 | Infant formulae | 5000 mg/kg | Note 72 | 7 | |
| 13.1.2 | Follow-up formulae | 5000 mg/kg | Note 72 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | 15000 mg/kg | | 4 | |
| 13.2 | Complementary foods for infants and young children | 15000 mg/kg | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |

LUTEIN FROM TAGETES ERECTA

Lutein from Tagetes erecta

INS: 161bi

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 100 mg/kg | Note 52 | 4 | |
| 01.6.1 | Unripened cheese | GMP | | 4 | |
| 01.6.2 | Ripened cheese | GMP | | 4 | |
| 01.6.4.1 | Plain processed cheese | GMP | | 4 | |
| 01.6.4.2 | Flavoured processed cheese, including containing fruit, vegetables, meat, etc. | 100 mg/kg | | 4 | |
| 01.6.5 | Cheese analogues | GMP | | 4 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 150 mg/kg | | 4 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 150 mg/kg | | 4 | |
| 03.0 | Edible ices, including sherbet and sorbet | 150 mg/kg | | 4 | |
| 04.1.2.5 | Jams, jellies, marmelades | 100 mg/kg | | 4 | |
| 04.1.2.7 | Candied fruit | 200 mg/kg | | 4 | |

LUTEIN FROM TAGETES ERECTA

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|------|------|
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 150 mg/kg | | 4 | |
| 04.1.2.11 | Fruit fillings for pastries | 150 mg/kg | | 4 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 4 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 300 mg/kg | | 4 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 500 mg/kg | | 4 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 150 mg/kg | | 4 | |
| 07.2 | Fine bakery wares (sweet, salty, savoury) and mixes | 200 mg/kg | | 4 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | | 4 | |
| 08.3.1.1 | Cured (including salted) non-heat treated processed comminuted meat, poultry, and game products | GMP | | 4 | |
| 08.4 | Edible casings (e.g., sausage casings) | GMP | | 4 | |
| 09.1.1 | Fresh fish | 300 mg/kg | Note 50 | 4 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 95 | 4 | |
| 09.2.4.2 | Cooked mollusks, crustaceans, and echinoderms | 250 mg/kg | | 4 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | 100 mg/kg | Note 22 | 4 | |
| 09.3.1 | Fish and fish products, including mollusks, crustaceans, and echinoderms, marinated and/or in jelly | GMP | | 4 | |
| 09.3.3 | Salmon substitutes, caviar, and other fish roe products | 500 mg/kg | | 4 | |
| 10.2 | Egg products | GMP | | 4 | |
| 10.4 | Egg-based desserts (e.g., custard) | 150 mg/kg | | 4 | |
| 12.2.2 | Seasonings and condiments | 500 mg/kg | | 4 | |
| 12.4 | Mustards | 300 mg/kg | | 4 | |
| 12.5 | Soups and broths | 50 mg/kg | | 4 | |
| 12.6 | Sauces and like products | 500 mg/kg | Note 92 | 4 | |
| 12.9.5 | Other protein products | 100 mg/kg | | 4 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 50 mg/kg | | 4 | |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 50 mg/kg | | 4 | |
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | 100 mg/kg | | 4 | |
| 13.6 | Food supplements | 300 mg/kg | | 4 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 100 mg/kg | | 4 | |
| 14.2.2 | Cider and perry | 200 mg/kg | | 4 | |

LUTEIN FROM TAGETES ERECTA

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|----------|------|------|
| 14.2.4 | Wines (other than grape) | 200 mg/kg | | 4 | |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 200 mg/kg | | 4 | |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 200 mg/kg | | 4 | |
| 15.2 | Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit) | 100 mg/kg | | 4 | |

LYSOZYME

Lysozyme INS: 1105

Function: Preservative

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|-----------------|-----------|----------|---------|------|
| 01.6.2 | Ripened cheese | GMP | | Adopted | 1999 |
| 14.2.2 | Cider and perry | 500 mg/kg | | Adopted | 2004 |
| 14.2.3 | Grape wines | 500 mg/kg | | Adopted | 2004 |

MAGNESIUM CARBONATE

Magnesium Carbonate INS: 504i

Function: Acidity Regulator, Anticaking Agent, Colour Retention Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|---------|------|
| 01.1.1.2 | Buttermilk (plain) | GMP | | 7 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 7 | |
| 01.2.2 | Renneted milk (plain) | GMP | | 7 | |
| 01.8.2 | Dried whey and whey products, excluding whey cheeses | 10000 mg/kg | | Adopted | 2006 |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Note 16 | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 16 | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 5000 mg/kg | Note 36 | 4 | |
| 06.2.1 | Flours | 1500 mg/kg | | 4 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | Note 16 | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | 5000 mg/kg | Note 36 | 4 | |

MAGNESIUM CARBONATE

Function: Acidity Regulator, Anticaking Agent, Colour Retention Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|---------------|---------|------|
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 11.1.2 | Powdered sugar, powdered dextrose | 15000 mg/kg | Note 56 | Adopted | 2006 |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 7 | |
| 12.1.1 | Salt | GMP | | Adopted | 2006 |
| 12.1.2 | Salt Substitutes | 5000 mg/kg | Note 36 | 4 | |
| 12.2.1 | Herbs and spices | 5000 mg/kg | Notes 36 & 51 | 4 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |

MAGNESIUM CHLORIDE

Magnesium Chloride

INS: 511

Function: Colour Retention Agent, Firming Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|------|------|
| 01.1.1.2 | Buttermilk (plain) | GMP | | 7 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 7 | |
| 01.2.2 | Renneted milk (plain) | GMP | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Note 16 | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 16 | 7 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | 2260 mg/kg | | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |

MAGNESIUM CHLORIDE

Function: Colour Retention Agent, Firming Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|----------|------|------|
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |

MAGNESIUM GLUTAMATE, DI-L-

Magnesium Glutamate, DI-L- INS: 625

Function: Flavour Enhancer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|------------------|----------|----------|------|------|
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |

MAGNESIUM HYDROGEN CARBONATE

Magnesium Hydrogen Carbonate INS: 504ii

Function: Acidity Regulator, Anticaking Agent, Firming Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|------|------|
| 01.1.1.2 | Buttermilk (plain) | GMP | | 7 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 7 | |
| 01.2.2 | Renneted milk (plain) | GMP | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Note 16 | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 16 | 7 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | Note 16 | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |

MAGNESIUM HYDROGEN CARBONATE

Function: Acidity Regulator, Anticaking Agent, Firming Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|----------|------|------|
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |

MAGNESIUM HYDROXIDE

Magnesium Hydroxide

INS: 528

Function: Acidity Regulator, Colour Retention Agent, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|------|------|
| 01.1.1.2 | Buttermilk (plain) | GMP | | 7 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 7 | |
| 01.2.2 | Renneted milk (plain) | GMP | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Note 16 | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 16 | 7 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | Note 16 | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |

MAGNESIUM OXIDE

Magnesium Oxide

INS: 530

MAGNESIUM OXIDE

Function: Anticaking Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|---------|------|
| 01.8.2 | Dried whey and whey products, excluding whey cheeses | 10000 mg/kg | | Adopted | 2006 |
| 12.1.1 | Salt | GMP | | Adopted | 2006 |

MAGNESIUM SILICATE (SYNTHETIC)

Magnesium Silicate (Synthetic) INS: 553i

Function: Anticaking Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|---------|------|
| 01.8.2 | Dried whey and whey products, excluding whey cheeses | 10000 mg/kg | | Adopted | 2006 |
| 11.1.2 | Powdered sugar, powdered dextrose | 15000 mg/kg | Note 56 | Adopted | 2006 |
| 12.1.1 | Salt | GMP | | Adopted | 2006 |
| 12.1.2 | Salt Substitutes | 10000 mg/kg | | 7 | |

MALIC ACID (DL-)

Malic Acid (DL-) INS: 296

Function: Acidity Regulator, Sequestrant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|---------|------|
| 01.2.1 | Fermented milks (plain) | GMP | | 7 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 4 | |
| 01.6.6 | Whey protein cheese | GMP | | Adopted | 2006 |
| 02.1.2 | Vegetable oils and fats | 100 mg/kg | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 100 mg/kg | | 7 | |
| 04.2.1 | Fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 4 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 12.1.2 | Salt Substitutes | GMP | | 4 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 4 | |
| 13.1.3 | Formulae for special medical purposes for infants | GMP | | 4 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |

MALIC ACID (DL-)

Function: Acidity Regulator, Sequestrant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|-----------------|---------|------|
| 14.1.2.1 | Fruit juice | GMP | Note 115 | Adopted | 2005 |
| 14.1.2.2 | Vegetable juice | 3000 mg/kg | | 4 | |
| 14.1.2.3 | Concentrates for fruit juice | GMP | Notes 115 & 127 | Adopted | 2005 |
| 14.1.2.4 | Concentrates for vegetable juice | 3000 mg/kg | | 4 | |
| 14.1.3.1 | Fruit nectar | GMP | | Adopted | 2005 |
| 14.1.3.2 | Vegetable nectar | 3000 mg/kg | | 4 | |
| 14.1.3.3 | Concentrates for fruit nectar | GMP | Note 127 | Adopted | 2005 |
| 14.1.3.4 | Concentrates for vegetable nectar | 3000 mg/kg | | 4 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 4 | |
| 14.2.3 | Grape wines | 4000 mg/kg | | 4 | |

MALTITOL and MALTITOL SYRUP

Maltitol and Maltitol Syrup

INS: 965

Function: Bulking Agent, Emulsifier, Stabilizer, Sweetener, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|--------------|----------|------|------|
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | 50000 mg/kg | | 4 | |
| 01.4.1 | Pasteurized cream (plain) | 300000 mg/kg | | 4 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | 300000 mg/kg | | 4 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | | 4 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 4 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 100000 mg/kg | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 7 | |
| 08.1 | Fresh meat, poultry, and game | GMP | | 4 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |

MALTITOL and MALTITOL SYRUP

Function: Bulking Agent, Emulsifier, Stabilizer, Sweetener, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|--------------|----------|------|------|
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 10.2.2 | Frozen egg products | GMP | | 4 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 4 | |
| 12.1.2 | Salt Substitutes | 50000 mg/kg | | 4 | |
| 12.2.1 | Herbs and spices | 50000 mg/kg | Note 51 | 4 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 100000 mg/kg | | 4 | |

MALTOL

Maltol INS: 636

Function: Flavour Enhancer, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 200 mg/kg | | 7 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 200 mg/kg | | 7 | |
| 03.0 | Edible ices, including sherbet and sorbet | 200 mg/kg | | 7 | |
| 05.1.4 | Cocoa and chocolate products | 200 mg/kg | | 7 | |
| 05.1.5 | Imitation chocolate, chocolate substitute products | 200 mg/kg | | 7 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 200 mg/kg | | 7 | |
| 05.3 | Chewing gum | 200 mg/kg | | 7 | |
| 07.2 | Fine bakery wares (sweet, salty, savoury) and mixes | 200 mg/kg | | 7 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 200 mg/kg | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 200 mg/kg | | 7 | |
| 14.2.2 | Cider and perry | 250 mg/kg | | 7 | |
| 14.2.3 | Grape wines | 250 mg/kg | | 7 | |
| 14.2.4 | Wines (other than grape) | 250 mg/kg | | 7 | |

MANNITOL

Mannitol INS: 421

Function: Anticaking Agent, Bulking Agent, Emulsifier, Stabilizer, Sweetener, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--------------|----------|----------|------|------|
|-----------|--------------|----------|----------|------|------|

MANNITOL

Function: Anticaking Agent, Bulking Agent, Emulsifier, Stabilizer, Sweetener, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 4 | |
| 01.2.2 | Renneted milk (plain) | GMP | | 4 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | | 4 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 7 | |
| 08.1 | Fresh meat, poultry, and game | GMP | | 4 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 10.2.2 | Frozen egg products | GMP | | 4 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 4 | |
| 12.1.2 | Salt Substitutes | 60000 mg/kg | | 4 | |
| 12.2.1 | Herbs and spices | 60000 mg/kg | Note 51 | 4 | |
| 13.1.3 | Formulae for special medical purposes for infants | GMP | | 4 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |

METHYL CELLULOSE

Methyl Cellulose

INS: 461

Function: Bulking Agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|----------|------|------|
| 01.1.1.2 | Buttermilk (plain) | GMP | | 7 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 7 | |
| 01.2.2 | Renneted milk (plain) | GMP | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Note 16 | 7 | |

METHYL CELLULOSE

Function: Bulking Agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|--------------|------|------|
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 16 | 7 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | Note 16 | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 61 | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 41 & 61 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |

METHYL ETHYL CELLULOSE

Methyl Ethyl Cellulose

INS: 465

Function: Bulking Agent, Emulsifier, Foaming Agent, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|------|------|
| 01.1.1.2 | Buttermilk (plain) | GMP | | 7 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 7 | |
| 01.2.2 | Renneted milk (plain) | GMP | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Note 16 | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 16 | 7 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | Note 16 | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |

METHYL ETHYL CELLULOSE

Function: Bulking Agent, Emulsifier, Foaming Agent, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|----------|------|------|
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 41 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |

MICROCRYSTALLINE CELLULOSE

Microcrystalline Cellulose

INS: 460i

Function: Anticaking Agent, Bulking Agent, Emulsifier, Foaming Agent, Stabilizer, Thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|---------|------|
| 01.1.1 | Milk and buttermilk (plain) | GMP | | 7 | |
| 01.2.1.1 | Fermented milks (plain), not heat-treated after fermentation | GMP | | 7 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | 20000 mg/kg | | 7 | |
| 01.2.2 | Renneted milk (plain) | GMP | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | 5000 mg/kg | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | 5000 mg/kg | | 7 | |
| 01.8.2 | Dried whey and whey products, excluding whey cheeses | 10000 mg/kg | | Adopted | 2006 |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Note 16 | 7 | |
| 04.1.1.3 | Peeled or cut fresh fruit | GMP | | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 16 | 7 | |
| 04.2.1.3 | Peeled, cut or shredded fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 06.4.1 | Fresh pastas and noodles and like products | GMP | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 7 | |

MICROCRYSTALLINE CELLULOSE

Function: Anticaking Agent, Bulking Agent, Emulsifier, Foaming Agent, Stabilizer, Thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | Note 16 | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | 10000 mg/kg | | 7 | |
| 10.2.1 | Liquid egg products | GMP | | 7 | |
| 10.2.2 | Frozen egg products | GMP | | 7 | |
| 11.2 | Brown sugar excluding products of food category 11.1.3 | GMP | | 4 | |
| 11.3 | Sugar solutions and syrups, also (partially) inverted, including treacle and molasses, excluding products of food category 11.1.3 | GMP | | 4 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 7 | |
| 12.1.2 | Salt Substitutes | 22000 mg/kg | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |

MICROCRYSTALLINE WAX

Microcrystalline Wax INS: 905ci

Function: Antifoaming Agent, Bulking Agent, Glazing Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|---------|------|
| 01.6.2.2 | Rind of ripened cheese | 30000 mg/kg | | Adopted | 2004 |
| 04.1.1.2 | Surface-treated fresh fruit | 50 mg/kg | | Adopted | 2004 |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 50 mg/kg | | Adopted | 2004 |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | GMP | Note 3 | Adopted | 2001 |
| 05.3 | Chewing gum | 20000 mg/kg | Note 3 | Adopted | 2001 |

MINERAL OIL (HIGH VISCOSITY)

Mineral Oil (High Viscosity) INS: 905d

Function: Glazing Agent, Release Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|---------|------|
| 04.1.2.2 | Dried fruit | 5000 mg/kg | | Adopted | 2005 |
| 05.1 | Cocoa products and chocolate products including imitations and chocolate substitutes | 2000 mg/kg | Note 3 | Adopted | 2004 |

MINERAL OIL (HIGH VISCOSITY)

Function: Glazing Agent, Release Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|---------|------|
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 2000 mg/kg | Note 3 | Adopted | 2004 |
| 05.3 | Chewing gum | 20000 mg/kg | | Adopted | 2004 |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 2000 mg/kg | Note 3 | Adopted | 2004 |
| 06.1 | Whole, broken, or flaked grain, including rice | 800 mg/kg | Note 98 | Adopted | 2004 |
| 07.0 | Bakery wares | 3000 mg/kg | Note 125 | Adopted | 2004 |
| 08.2.3 | Frozen processed meat, poultry, and game products in whole pieces or cuts | 950 mg/kg | Note 3 | Adopted | 2004 |
| 08.3.3 | Frozen processed comminuted meat, poultry, and game products | 950 mg/kg | Note 3 | Adopted | 2004 |

MINERAL OIL (MEDIUM & LOW VISCOSITY, CLASS I)

Mineral Oil (Medium & Low Viscosity, Class I) INS: 905e

Function: Glazing Agent, Release Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|------------------|------------|----------------|---------|------|
| 04.1.2.2 | Dried fruit | 5000 mg/kg | | Adopted | 2005 |
| 05.0 | Confectionery | 2000 mg/kg | Note 3 | Adopted | 2004 |
| 07.1.1 | Breads and rolls | 3000 mg/kg | Notes 36 & 126 | Adopted | 2004 |

MONO- AND DIGLYCERIDES

Mono- and Diglycerides INS: 471

Function: Antifoaming Agent, Bulking Agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|--------------|----------|------|------|
| 01.1.1 | Milk and buttermilk (plain) | 10000 mg/kg | | 7 | |
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | 5000 mg/kg | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | 5000 mg/kg | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | 5000 mg/kg | | 7 | |
| 02.1.2 | Vegetable oils and fats | 20000 mg/kg | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 100000 mg/kg | | 7 | |
| 02.2.1.2 | Margarine and similar products | 10000 mg/kg | | 4 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Note 16 | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 16 | 7 | |
| 06.1 | Whole, broken, or flaked grain, including rice | GMP | | 7 | |

MONO- AND DIGLYCERIDES

Function: Antifoaming Agent, Bulking Agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|------|------|
| 06.4.1 | Fresh pastas and noodles and like products | GMP | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | 30000 mg/kg | | 7 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | Note 16 | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | 10000 mg/kg | | 7 | |
| 10.2.2 | Frozen egg products | GMP | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 6000 mg/kg | | 7 | |
| 12.1.2 | Salt Substitutes | 5000 mg/kg | | 7 | |
| 12.2.1 | Herbs and spices | 5000 mg/kg | Note 51 | 7 | |
| 13.1.1 | Infant formulae | 4000 mg/kg | Note 72 | 7 | |
| 13.1.2 | Follow-up formulae | 4000 mg/kg | Note 72 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | 5000 mg/kg | | 4 | |
| 13.2 | Complementary foods for infants and young children | 15000 mg/kg | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |
| 14.2.3 | Grape wines | 18 mg/kg | | 7 | |

MONOAMMONIUM GLUTAMATE, L-

Monoammonium Glutamate, L- INS: 624

Function: Flavour Enhancer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|-------------------------------|----------|----------|------|------|
| 08.1 | Fresh meat, poultry, and game | GMP | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |

MONOPOTASSIUM GLUTAMATE, L-

Monopotassium Glutamate, L- INS: 622

Function: Flavour Enhancer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|------|------|
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 41 | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |

MONOPOTASSIUM GLUTAMATE, L-

Function: Flavour Enhancer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--------------|----------|----------|------|------|
|-----------|--------------|----------|----------|------|------|

MONOSODIUM GLUTAMATE, L-

Monosodium Glutamate, L- INS: 621

Function: Flavour Enhancer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|------|------|
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 4 | |
| 08.1 | Fresh meat, poultry, and game | GMP | | 7 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 41 | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 4 | |

MONOSTARCH PHOSPHATE

Monostarch Phosphate INS: 1410

Function: Bulking Agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|------|------|
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | GMP | | 4 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 41 | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 10000 mg/kg | | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | 50000 mg/kg | | 4 | |
| 13.2 | Complementary foods for infants and young children | 50000 mg/kg | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 10000 mg/kg | | 7 | |

MONOSTARCH PHOSPHATE

Function: Bulking Agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--------------|----------|----------|------|------|
|-----------|--------------|----------|----------|------|------|

NEOTAME

Neotame INS: 961

Function: Flavour Enhancer, Sweetener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 20 mg/kg | | 3 | |
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | 65 mg/kg | | 3 | |
| 01.3.2 | Beverage whiteners | GMP | | 3 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 3 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 3 | |
| 01.4.3 | Clotted cream (plain) | GMP | | 3 | |
| 01.4.4 | Cream analogues | 33 mg/kg | | 3 | |
| 01.5.1 | Milk powder and cream powder (plain) | GMP | | 3 | |
| 01.5.2 | Milk and cream powder analogues | 65 mg/kg | | 3 | |
| 01.6.1 | Unripened cheese | 33 mg/kg | | 3 | |
| 01.6.5 | Cheese analogues | 33 mg/kg | | 3 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 100 mg/kg | | 3 | |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | 10 mg/kg | | 3 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 100 mg/kg | | 3 | |
| 03.0 | Edible ices, including sherbet and sorbet | 100 mg/kg | | 3 | |
| 04.1.2.1 | Frozen fruit | 100 mg/kg | | 3 | |
| 04.1.2.2 | Dried fruit | 100 mg/kg | | 3 | |
| 04.1.2.3 | Fruit in vinegar, oil, or brine | 100 mg/kg | | 3 | |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | 33 mg/kg | | 3 | |
| 04.1.2.5 | Jams, jellies, marmelades | 33 mg/kg | | 3 | |
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | 65 mg/kg | | 3 | |
| 04.1.2.7 | Candied fruit | 65 mg/kg | | 3 | |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 100 mg/kg | | 3 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 100 mg/kg | | 3 | |
| 04.1.2.10 | Fermented fruit products | 65 mg/kg | | 3 | |

NEOTAME

Function: Flavour Enhancer, Sweetener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|------|------|
| 04.1.2.11 | Fruit fillings for pastries | 100 mg/kg | | 3 | |
| 04.1.2.12 | Cooked fruit | 65 mg/kg | | 3 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 33 mg/kg | | 3 | |
| 04.2.2.2 | Dried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 33 mg/kg | | 3 | |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 10 mg/kg | | 3 | |
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 33 mg/kg | | 3 | |
| 04.2.2.5 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed purees and spreads (e.g., peanut butter) | 33 mg/kg | | 3 | |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 33 mg/kg | | 3 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 33 mg/kg | | 3 | |
| 04.2.2.8 | Cooked or fried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 33 mg/kg | | 3 | |
| 05.1.1 | Cocoa mixes (powders) and cocoa mass/cake | 100 mg/kg | | 3 | |
| 05.1.2 | Cocoa mixes (syrops) | 33 mg/kg | | 3 | |
| 05.1.3 | Cocoa-based spreads, including fillings | 100 mg/kg | | 3 | |
| 05.1.4 | Cocoa and chocolate products | 80 mg/kg | | 3 | |
| 05.1.5 | Imitation chocolate, chocolate substitute products | 100 mg/kg | | 3 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 1000 mg/kg | | 3 | |
| 05.3 | Chewing gum | 1000 mg/kg | | 3 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 33 mg/kg | | 3 | |
| 06.3 | Breakfast cereals, including rolled oats | 80 mg/kg | | 3 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 33 mg/kg | | 3 | |
| 07.1 | Bread and ordinary bakery wares | 70 mg/kg | | 3 | |
| 07.2 | Fine bakery wares (sweet, salty, savoury) and mixes | 80 mg/kg | | 3 | |
| 08.2 | Processed meat, poultry, and game products in whole pieces or cuts | 10 mg/kg | | 3 | |
| 08.3 | Processed comminuted meat, poultry, and game products | 10 mg/kg | | 3 | |

NEOTAME

Function: Flavour Enhancer, Sweetener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|----------|------|------|
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | 10 mg/kg | | 3 | |
| 09.3 | Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms | 10 mg/kg | | 3 | |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 10 mg/kg | | 3 | |
| 10.2.3 | Dried and/or heat coagulated egg products | 33 mg/kg | | 3 | |
| 10.4 | Egg-based desserts (e.g., custard) | 33 mg/kg | | 3 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 100 mg/kg | | 3 | |
| 11.6 | Table-top sweeteners, including those containing high-intensity sweeteners | 12 mg/kg | | 3 | |
| 12.2 | Herbs, spices, seasonings and condiments (e.g., seasoning for instant noodles) | 65 mg/kg | | 3 | |
| 12.3 | Vinegars | 12 mg/kg | | 3 | |
| 12.4 | Mustards | 12 mg/kg | | 3 | |
| 12.5 | Soups and broths | 20 mg/kg | | 3 | |
| 12.6.1 | Emulsified sauces (e.g., mayonnaise, salad dressing) | 65 mg/kg | | 3 | |
| 12.6.2 | Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy) | 70 mg/kg | | 3 | |
| 12.6.3 | Mixes for sauces and gravies | 12 mg/kg | | 3 | |
| 12.6.4 | Clear sauces (e.g., fish sauce) | 12 mg/kg | | 3 | |
| 12.7 | Salads (e.g., macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories 04.2.2.5 and 05.1.3 | 33 mg/kg | | 3 | |
| 13.1.3 | Formulae for special medical purposes for infants | 25 mg/kg | | 3 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 33 mg/kg | | 3 | |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 33 mg/kg | | 3 | |
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | 65 mg/kg | | 3 | |
| 13.6 | Food supplements | 90 mg/kg | | 3 | |
| 14.1.2.2 | Vegetable juice | 65 mg/kg | | 3 | |
| 14.1.2.4 | Concentrates for vegetable juice | 65 mg/kg | | 3 | |
| 14.1.3.2 | Vegetable nectar | 65 mg/kg | | 3 | |
| 14.1.3.4 | Concentrates for vegetable nectar | 65 mg/kg | | 3 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 33 mg/kg | | 3 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 50 mg/kg | | 3 | |
| 14.2.1 | Beer and malt beverages | 20 mg/kg | | 3 | |
| 14.2.2 | Cider and perry | 20 mg/kg | | 3 | |

NEOTAME

Function: Flavour Enhancer, Sweetener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|----------|------|------|
| 14.2.4 | Wines (other than grape) | 23 mg/kg | | 3 | |
| 14.2.5 | Mead | 23 mg/kg | | 3 | |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | 23 mg/kg | | 3 | |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 33 mg/kg | | 3 | |
| 15.0 | Ready-to-eat savouries | 16 mg/kg | | 3 | |

NISIN

Nisin INS: 234

Function: Preservative

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|---------|------|
| 01.1 | Milk and dairy-based drinks | 500 mg/kg | Note 28 | 4 | |
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | 500 mg/kg | Note 28 | 4 | |
| 01.3 | Condensed milk and analogues (plain) | 500 mg/kg | Note 28 | 4 | |
| 01.4 | Cream (plain) and the like | 500 mg/kg | Note 28 | 4 | |
| 01.4.3 | Clotted cream (plain) | 10 mg/kg | Note 28 | 7 | |
| 01.5 | Milk powder and cream powder and powder analogues (plain) | 500 mg/kg | Note 28 | 4 | |
| 01.6.1 | Unripened cheese | 500 mg/kg | Note 28 | 4 | |
| 01.6.1 | Unripened cheese | 12.5 mg/kg | Note 28 | 7 | |
| 01.6.2 | Ripened cheese | 500 mg/kg | Note 28 | 4 | |
| 01.6.2 | Ripened cheese | 12.5 mg/kg | Note 28 | 7 | |
| 01.6.4 | Processed cheese | 500 mg/kg | Note 28 | 4 | |
| 01.6.4 | Processed cheese | 250 mg/kg | Note 28 | 7 | |
| 01.6.5 | Cheese analogues | 500 mg/kg | Note 28 | 4 | |
| 01.6.5 | Cheese analogues | 12.5 mg/kg | Note 28 | 7 | |
| 01.6.6 | Whey protein cheese | 12.5 mg/kg | Note 28 | Adopted | 2006 |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 500 mg/kg | Note 28 | 4 | |
| 01.8.1 | Liquid whey and whey products, excluding whey cheeses | 500 mg/kg | Note 28 | 4 | |
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | GMP | Note 28 | 7 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 3 mg/kg | Note 28 | 7 | |
| 07.2 | Fine bakery wares (sweet, salty, savoury) and mixes | 250 mg/kg | Note 28 | 7 | |
| 08.0 | Meat and meat products, including poultry and game | 500 mg/kg | Note 28 | 4 | |

NISIN

Function: Preservative

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|----------|------|------|
| 10.2.1 | Liquid egg products | GMP | Note 28 | 4 | |
| 12.5.1 | Ready-to-eat soups and broths, including canned, bottled, and frozen | GMP | Note 28 | 7 | |
| 12.9.5 | Other protein products | 200 mg/kg | Note 28 | 4 | |

NITRATES

Sodium Nitrate

INS: 251

Potassium Nitrate

INS: 252

Function: Colour Retention Agent, Preservative

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|---------------|------|------|
| 01.6.1 | Unripened cheese | 40 mg/kg | Note 30 | 7 | |
| 01.6.2 | Ripened cheese | 40 mg/kg | Note 30 | 7 | |
| 01.6.4 | Processed cheese | 40 mg/kg | Note 30 | 7 | |
| 01.6.5 | Cheese analogues | 40 mg/kg | Note 30 | 7 | |
| 08.1 | Fresh meat, poultry, and game | 150 mg/kg | Note 30 | 7 | |
| 08.2.1.1 | Cured (including salted) non-heat treated processed meat, poultry, and game products in whole pieces or cuts | 1600 mg/kg | Note 30 | 7 | |
| 08.2.1.2 | Cured (including salted) and dried non-heat treated processed meat, poultry, and game products in whole pieces or cuts | 450 mg/kg | Note 30 | 7 | |
| 08.2.1.3 | Fermented non-heat treated processed meat, poultry, and game products in whole pieces or cuts | 450 mg/kg | Note 30 | 7 | |
| 08.2.2 | Heat-treated processed meat, poultry, and game products in whole pieces or cuts | 365 mg/kg | Note 30 | 7 | |
| 08.2.3 | Frozen processed meat, poultry, and game products in whole pieces or cuts | 220 mg/kg | Note 30 | 7 | |
| 08.3.1.1 | Cured (including salted) non-heat treated processed comminuted meat, poultry, and game products | 1250 mg/kg | Note 30 | 7 | |
| 08.3.1.2 | Cured (including salted) and dried non-heat treated processed comminuted meat, poultry, and game products | 365 mg/kg | Note 30 | 7 | |
| 08.3.1.3 | Fermented non-heat treated processed comminuted meat, poultry, and game products | 365 mg/kg | Note 30 | 7 | |
| 08.3.2 | Heat-treated processed comminuted meat, poultry, and game products | 365 mg/kg | Note 30 | 7 | |
| 08.3.3 | Frozen processed comminuted meat, poultry, and game products | 365 mg/kg | Note 30 | 7 | |
| 08.4 | Edible casings (e.g., sausage casings) | 150 mg/kg | Note 30 | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 150 mg/kg | Note 30 | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | 365 mg/kg | Notes 22 & 30 | 7 | |
| 09.3 | Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms | 220 mg/kg | Note 30 | 7 | |
| 14.2.4 | Wines (other than grape) | 70 mg/kg | Notes 30 & 31 | 7 | |

NITRITES

NITRITES

Potassium Nitrite

INS: 249

Sodium Nitrite

INS: 250

Function: Colour Retention Agent, Preservative

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|---------------|------|------|
| 01.6.1 | Unripened cheese | 20 mg/kg | Note 32 | 7 | |
| 01.6.2 | Ripened cheese | 20 mg/kg | Note 32 | 7 | |
| 01.6.4 | Processed cheese | 20 mg/kg | Note 32 | 7 | |
| 01.6.5 | Cheese analogues | 20 mg/kg | Note 32 | 7 | |
| 08.1 | Fresh meat, poultry, and game | 130 mg/kg | Note 32 | 7 | |
| 08.2.1.1 | Cured (including salted) non-heat treated processed meat, poultry, and game products in whole pieces or cuts | 420 mg/kg | Note 32 | 7 | |
| 08.2.1.2 | Cured (including salted) and dried non-heat treated processed meat, poultry, and game products in whole pieces or cuts | 300 mg/kg | Note 32 | 7 | |
| 08.2.1.3 | Fermented non-heat treated processed meat, poultry, and game products in whole pieces or cuts | 130 mg/kg | Note 32 | 7 | |
| 08.2.2 | Heat-treated processed meat, poultry, and game products in whole pieces or cuts | 170 mg/kg | Note 32 | 7 | |
| 08.2.3 | Frozen processed meat, poultry, and game products in whole pieces or cuts | 170 mg/kg | Note 32 | 7 | |
| 08.3 | Processed comminuted meat, poultry, and game products | 130 mg/kg | Note 32 | 7 | |
| 08.4 | Edible casings (e.g., sausage casings) | 130 mg/kg | Note 32 | 7 | |
| 09.2.4.1 | Cooked fish and fish products | 100 mg/kg | Note 32 | 4 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | 130 mg/kg | Notes 22 & 32 | 7 | |
| 09.3.3 | Salmon substitutes, caviar, and other fish roe products | 5 mg/kg | Note 32 | 7 | |

NITROGEN

Nitrogen

INS: 941

Function: Propellant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|------|------|
| 01.1.1 | Milk and buttermilk (plain) | GMP | Note 59 | 7 | |
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | GMP | Note 59 | 7 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | Note 59 | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | Note 59 | 4 | |
| 02.1.2 | Vegetable oils and fats | GMP | Note 59 | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | Note 59 | 7 | |
| 04.1.1 | Fresh fruit | GMP | Note 59 | 7 | |

NITROGEN

Function: Propellant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|----------|------|------|
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 59 | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 59 | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 59 | 7 | |
| 13.2 | Complementary foods for infants and young children | GMP | Note 59 | 4 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | Note 59 | 7 | |
| 14.2.3 | Grape wines | GMP | Note 59 | 7 | |

NITROUS OXIDE

Nitrous Oxide

INS: 942

Function: Propellant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|----------|------|------|
| 01.1.1 | Milk and buttermilk (plain) | GMP | | 7 | |
| 01.2.1.1 | Fermented milks (plain), not heat-treated after fermentation | GMP | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 04.1.1.1 | Untreated fresh fruit | GMP | | 7 | |
| 04.1.1.3 | Peeled or cut fresh fruit | GMP | | 7 | |
| 04.2.1.1 | Untreated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes [(including soybeans)], and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.1.3 | Peeled, cut or shredded fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 06.1 | Whole, broken, or flaked grain, including rice | GMP | | 7 | |
| 06.2 | Flours and starches (including soybean powder) | GMP | | 7 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 7 | |
| 08.1 | Fresh meat, poultry, and game | GMP | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |

NITROUS OXIDE

Function: Propellant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|----------|------|------|
| 10.1 | Fresh eggs | GMP | | 7 | |
| 10.2.1 | Liquid egg products | GMP | | 7 | |
| 10.2.2 | Frozen egg products | GMP | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2 | Herbs, spices, seasonings and condiments (e.g., seasoning for instant noodles) | GMP | Note 51 | 7 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |

ORTHO-PHENYLPHENOLS

Ortho-Phenylphenol

INS: 231

Sodium o-Phenylphenol

INS: 232

Function: Preservative

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|-----------------------------|----------|----------|---------|------|
| 04.1.1.2 | Surface-treated fresh fruit | 12 mg/kg | Note 49 | Adopted | 1999 |

OXIDIZED STARCH

Oxidized Starch

INS: 1404

Function: Bulking Agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|------|------|
| 01.1.1.2 | Buttermilk (plain) | GMP | | 7 | |
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | GMP | | 4 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 7 | |
| 01.2.2 | Renneted milk (plain) | GMP | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Note 16 | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 16 | 7 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | Note 16 | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | | 7 | |

OXIDIZED STARCH

Function: Bulking Agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|------|------|
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 41 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 10000 mg/kg | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | 50000 mg/kg | | 4 | |
| 13.2 | Complementary foods for infants and young children | 50000 mg/kg | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 10000 mg/kg | | 7 | |

PAPAIN

Papain

INS: 1101ii

Function: Flavour Enhancer, Flour Treatment Agent, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|------|------|
| 06.1 | Whole, broken, or flaked grain, including rice | 1000 mg/kg | | 7 | |
| 06.2.1 | Flours | GMP | | 7 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | | 7 | |
| 14.2.3 | Grape wines | GMP | | 7 | |

PECTINS

Pectins

INS: 440

Function: Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|------|------|
| 01.1.1 | Milk and buttermilk (plain) | GMP | | 7 | |
| 01.2.1.1 | Fermented milks (plain), not heat-treated after fermentation | GMP | | 7 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | 10000 mg/kg | | 7 | |
| 01.2.2 | Renneted milk (plain) | GMP | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |

PECTINS

Function: Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------------|---------|------|
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | 5000 mg/kg | | 7 | |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | | 7 | |
| 04.1.1.3 | Peeled or cut fresh fruit | GMP | | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.1.3 | Peeled, cut or shredded fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 20000 mg/kg | | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 4 | |
| 06.4.1 | Fresh pastas and noodles and like products | GMP | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 7 | |
| 08.1 | Fresh meat, poultry, and game | GMP | | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 20000 mg/kg | Note 16 | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Notes 41 & 61 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 10.2.1 | Liquid egg products | GMP | | 7 | |
| 10.2.2 | Frozen egg products | GMP | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 13.1.2 | Follow-up formulae | 10000 mg/kg | Note 72 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | 10000 mg/kg | | 4 | |
| 13.2 | Complementary foods for infants and young children | 20000 mg/kg | | 7 | |
| 14.1.2.1 | Fruit juice | GMP | Note 35 | Adopted | 2005 |
| 14.1.2.3 | Concentrates for fruit juice | GMP | Notes 35 & 127 | Adopted | 2005 |
| 14.1.3.1 | Fruit nectar | GMP | | Adopted | 2005 |

PECTINS

Function: Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|---------|------|
| 14.1.3.2 | Vegetable nectar | 3000 mg/kg | | 4 | |
| 14.1.3.3 | Concentrates for fruit nectar | GMP | Note 127 | Adopted | 2005 |
| 14.1.3.4 | Concentrates for vegetable nectar | 3000 mg/kg | | 4 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |
| 14.2.3 | Grape wines | GMP | | 7 | |

PHOSPHATED DISTARCH PHOSPHATE

Phosphated Distarch Phosphate INS: 1413

Function: Bulking Agent, Emulsifier, Stabilizer, Thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------------|------|------|
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | GMP | | 4 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 06.4.1 | Fresh pastas and noodles and like products | 200 mg/kg | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | 200 mg/kg | | 4 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 41 | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 10000 mg/kg | | 7 | |
| 13.1.1 | Infant formulae | 5000 mg/kg | Notes 72 & 150 | 7 | |
| 13.1.2 | Follow-up formulae | 5000 mg/kg | Notes 72 & 150 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | 60000 mg/kg | | 4 | |
| 13.2 | Complementary foods for infants and young children | 60000 mg/kg | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 10000 mg/kg | | 7 | |

PHOSPHATES

PHOSPHATES

| | | | |
|--------------------------------|-------------|------------------------------|-------------|
| Orthophosphoric Acid | INS: 338 | Monosodium Orthophosphate | INS: 339i |
| Disodium Orthophosphate | INS: 339ii | Trisodium Orthophosphate | INS: 339iii |
| Monopotassium Orthophosphate | INS: 340i | Dipotassium Orthophosphate | INS: 340ii |
| Tripotassium Orthophosphate | INS: 340iii | Monocalcium Orthophosphate | INS: 341i |
| Dicalcium Orthophosphate | INS: 341ii | Tricalcium Orthophosphate | INS: 341iii |
| Monoammonium Orthophosphate | INS: 342i | Diammonium Orthophosphate | INS: 342ii |
| Monomagnesium Phosphate | INS: 343i | Dimagnesium Orthophosphate | INS: 343ii |
| Trimagnesium Orthophosphate | INS: 343iii | Disodium Diphosphate | INS: 450i |
| Trisodium Diphosphate | INS: 450ii | Tetrasodium Diphosphate | INS: 450iii |
| Tetrapotassium Diphosphate | INS: 450v | Dicalcium Diphosphate | INS: 450vi |
| Calcium Dihydrogen Diphosphate | INS: 450vii | Pentasodium Triphosphate | INS: 451i |
| Pentapotassium Triphosphate | INS: 451ii | Sodium Polyphosphate | INS: 452i |
| Potassium Polyphosphate | INS: 452ii | Sodium Calcium Polyphosphate | INS: 452iii |
| Calcium Polyphosphates | INS: 452iv | Ammonium Polyphosphates | INS: 452v |
| Bone Phosphate | INS: 542 | | |

Function: Acidity Regulator, Adjuvant, Anticaking Agent, Antioxidant, Colour Retention Agent, Emulsifier, Firming Agent, Flavour Enhancer, Flour Treatment Agent, Humectant, Preservative, Raising Agent, Sequestrant, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|---------------|---------|------|
| 01.1.1 | Milk and buttermilk (plain) | 1500 mg/kg | Note 33 | 4 | |
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 1320 mg/kg | Note 33 | 7 | |
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | 2200 mg/kg | Note 33 | 4 | |
| 01.3.1 | Condensed milk (plain) | 880 mg/kg | Notes 33 & 34 | 7 | |
| 01.3.2 | Beverage whiteners | 22000 mg/kg | Note 33 | 7 | |
| 01.4 | Cream (plain) and the like | 2200 mg/kg | Note 33 | 7 | |
| 01.5.1 | Milk powder and cream powder (plain) | 4400 mg/kg | Note 33 | 7 | |
| 01.5.2 | Milk and cream powder analogues | 2200 mg/kg | Note 33 | 4 | |
| 01.6.1 | Unripened cheese | 10000 mg/kg | Note 33 | 7 | |
| 01.6.2 | Ripened cheese | 880 mg/kg | Note 33 | 7 | |
| 01.6.4 | Processed cheese | 14050 mg/kg | Note 33 | 7 | |
| 01.6.5 | Cheese analogues | 13200 mg/kg | Note 33 | 7 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 10500 mg/kg | Note 33 | 4 | |
| 01.8.1 | Liquid whey and whey products, excluding whey cheeses | 880 mg/kg | Note 33 | 7 | |
| 01.8.2 | Dried whey and whey products, excluding whey cheeses | 4400 mg/kg | Note 33 | Adopted | 2006 |

PHOSPHATES

Function: Acidity Regulator, Adjuvant, Anticaking Agent, Antioxidant, Colour Retention Agent, Emulsifier, Firming Agent, Flavour Enhancer, Flour Treatment Agent, Humectant, Preservative, Raising Agent, Sequestrant, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------------|---------|------|
| 02.1.2 | Vegetable oils and fats | 220 mg/kg | Note 33 | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 220 mg/kg | Note 33 | 7 | |
| 02.2.1.1 | Butter and concentrated butter | 880 mg/kg | Notes 33 & 34 | Adopted | 2006 |
| 02.2.1.2 | Margarine and similar products | 40 mg/kg | Notes 33 & 148 | 7 | |
| 02.2.1.3 | Blends of butter and margarine | GMP | Note 33 | 7 | |
| 02.2.2 | Emulsions containing less than 80% fat | 2200 mg/kg | Note 33 | 7 | |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | 2200 mg/kg | Note 33 | 7 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 7000 mg/kg | Note 33 | 7 | |
| 03.0 | Edible ices, including sherbet and sorbet | 12000 mg/kg | Note 33 | 7 | |
| 04.1.2.1 | Frozen fruit | 200 mg/kg | Note 33 | 7 | |
| 04.1.2.2 | Dried fruit | 10 mg/kg | Note 33 | 7 | |
| 04.1.2.3 | Fruit in vinegar, oil, or brine | 1100 mg/kg | Note 33 | 7 | |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | 200 mg/kg | Note 33 | 7 | |
| 04.1.2.5 | Jams, jellies, marmelades | 530 mg/kg | Note 33 | 7 | |
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | 1100 mg/kg | Note 33 | 7 | |
| 04.1.2.7 | Candied fruit | 10 mg/kg | Note 33 | 7 | |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 7000 mg/kg | Note 33 | 7 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 7000 mg/kg | Note 33 | 7 | |
| 04.1.2.11 | Fruit fillings for pastries | 7000 mg/kg | Note 33 | 7 | |
| 04.2.1.1 | Untreated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes [(including soybeans)], and aloe vera), seaweeds, and nuts and seeds | 200 mg/kg | Note 33 | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 1760 mg/kg | Notes 16 & 33 | 7 | |
| 04.2.1.3 | Peeled, cut or shredded fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 5600 mg/kg | Notes 33 & 76 | 4 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 5000 mg/kg | Notes 33 & 76 | 7 | |
| 04.2.2.2 | Dried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 5000 mg/kg | Notes 33 & 76 | 7 | |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 2200 mg/kg | Note 33 | 7 | |

PHOSPHATES

Function: Acidity Regulator, Adjuvant, Anticaking Agent, Antioxidant, Colour Retention Agent, Emulsifier, Firming Agent, Flavour Enhancer, Flour Treatment Agent, Humectant, Preservative, Raising Agent, Sequestrant, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|---------------|------|------|
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 2200 mg/kg | Note 33 | 7 | |
| 04.2.2.5 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed purees and spreads (e.g., peanut butter) | 2200 mg/kg | Notes 33 & 76 | 7 | |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 2200 mg/kg | Note 33 | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 2200 mg/kg | Notes 33 & 76 | 7 | |
| 04.2.2.8 | Cooked or fried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 2200 mg/kg | Notes 33 & 76 | 7 | |
| 05.1.1 | Cocoa mixes (powders) and cocoa mass/cake | 6000 mg/kg | Note 33 | 7 | |
| 05.1.3 | Cocoa-based spreads, including fillings | 220 mg/kg | Note 33 | 7 | |
| 05.1.4 | Cocoa and chocolate products | 2200 mg/kg | Note 33 | 7 | |
| 05.1.5 | Imitation chocolate, chocolate substitute products | 2200 mg/kg | Note 33 | 7 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 2200 mg/kg | Note 33 | 7 | |
| 05.3 | Chewing gum | 44000 mg/kg | Note 33 | 7 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 7000 mg/kg | Note 33 | 7 | |
| 06.1 | Whole, broken, or flaked grain, including rice | 440 mg/kg | Note 33 | 7 | |
| 06.2.1 | Flours | 11900 mg/kg | Note 33 | 7 | |
| 06.2.2 | Starches | 6200 mg/kg | Note 33 | 4 | |
| 06.3 | Breakfast cereals, including rolled oats | 2200 mg/kg | Note 33 | 7 | |
| 06.4.1 | Fresh pastas and noodles and like products | 2000 mg/kg | Note 33 | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | 2200 mg/kg | Note 33 | 7 | |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 2200 mg/kg | Note 33 | 4 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 7000 mg/kg | Note 33 | 7 | |
| 06.6 | Batters (e.g., for breading or batters for fish or poultry) | 5600 mg/kg | Note 33 | 4 | |
| 07.0 | Bakery wares | 9300 mg/kg | Note 33 | 7 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | 1100 mg/kg | Note 33 | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | 2200 mg/kg | Note 33 | 7 | |
| 08.2.1 | Non-heat treated processed meat, poultry, and game products in whole pieces or cuts | 2200 mg/kg | Note 33 | 7 | |
| 08.2.2 | Heat-treated processed meat, poultry, and game products in whole pieces or cuts | 3100 mg/kg | Note 33 | 7 | |

PHOSPHATES

Function: Acidity Regulator, Adjuvant, Anticaking Agent, Antioxidant, Colour Retention Agent, Emulsifier, Firming Agent, Flavour Enhancer, Flour Treatment Agent, Humectant, Preservative, Raising Agent, Sequestrant, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|---------------|---------|------|
| 08.2.3 | Frozen processed meat, poultry, and game products in whole pieces or cuts | 2200 mg/kg | Note 33 | 7 | |
| 08.3 | Processed comminuted meat, poultry, and game products | 2200 mg/kg | Note 33 | 7 | |
| 08.4 | Edible casings (e.g., sausage casings) | 1100 mg/kg | Note 33 | 7 | |
| 09.1.1 | Fresh fish | GMP | Note 33 | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 4400 mg/kg | Note 33 | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 4400 mg/kg | Note 33 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | 2200 mg/kg | Note 33 | 7 | |
| 09.2.4.1 | Cooked fish and fish products | 2200 mg/kg | Note 33 | 7 | |
| 09.2.4.2 | Cooked mollusks, crustaceans, and echinoderms | 2200 mg/kg | Note 33 | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | 2200 mg/kg | Note 33 | 4 | |
| 09.3.1 | Fish and fish products, including mollusks, crustaceans, and echinoderms, marinated and/or in jelly | 2200 mg/kg | Note 33 | 4 | |
| 09.3.2 | Fish and fish products, including mollusks, crustaceans, and echinoderms, pickled and/or in brine | 2200 mg/kg | Note 33 | 7 | |
| 09.3.3 | Salmon substitutes, caviar, and other fish roe products | 2200 mg/kg | Note 33 | 4 | |
| 09.3.4 | Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms (e.g., fish paste), excluding products of food categories 09.3.1 - 09.3.3 | 2200 mg/kg | Note 33 | 7 | |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 4400 mg/kg | Note 33 | 7 | |
| 10.2.1 | Liquid egg products | 4400 mg/kg | Notes 33 & 67 | 7 | |
| 10.2.2 | Frozen egg products | 1290 mg/kg | Note 33 | 7 | |
| 10.2.3 | Dried and/or heat coagulated egg products | GMP | Note 33 | 7 | |
| 10.3 | Preserved eggs, including alkaline, salted, and canned eggs | 1000 mg/kg | Note 33 | 7 | |
| 10.4 | Egg-based desserts (e.g., custard) | 7000 mg/kg | Note 33 | 7 | |
| 11.1.2 | Powdered sugar, powdered dextrose | 6600 mg/kg | Notes 33 & 56 | Adopted | 2006 |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 1320 mg/kg | Note 33 | 7 | |
| 11.6 | Table-top sweeteners, including those containing high-intensity sweeteners | 1000 mg/kg | Note 33 | 7 | |
| 12.1.1 | Salt | 8800 mg/kg | Note 33 | Adopted | 2006 |
| 12.1.2 | Salt Substitutes | 4400 mg/kg | Note 33 | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 33 | 7 | |
| 12.2.2 | Seasonings and condiments | 4400 mg/kg | Note 33 | 4 | |
| 12.4 | Mustards | 1320 mg/kg | Note 33 | 7 | |

PHOSPHATES

Function: Acidity Regulator, Adjuvant, Anticaking Agent, Antioxidant, Colour Retention Agent, Emulsifier, Firming Agent, Flavour Enhancer, Flour Treatment Agent, Humectant, Preservative, Raising Agent, Sequestrant, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|-------------------------|---------|------|
| 12.5.1 | Ready-to-eat soups and broths, including canned, bottled, and frozen | 1320 mg/kg | Note 33 | 7 | |
| 12.5.2 | Mixes for soups and broths | 6600 mg/kg | Note 33 | 7 | |
| 12.6 | Sauces and like products | 8000 mg/kg | Note 33 | 7 | |
| 12.7 | Salads (e.g., macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories 04.2.2.5 and 05.1.3 | GMP | Note 33 | 7 | |
| 12.9.5 | Other protein products | 8800 mg/kg | Note 33 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | 2200 mg/kg | Note 33 | 7 | |
| 13.2 | Complementary foods for infants and young children | 2200 mg/kg | Note 33 | 7 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 2200 mg/kg | Note 33 | 7 | |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 2200 mg/kg | Note 33 | 7 | |
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | 2200 mg/kg | Note 33 | 7 | |
| 13.6 | Food supplements | 2200 mg/kg | Note 33 | 7 | |
| 14.1.2.1 | Fruit juice | 1000 mg/kg | Notes 33, 40 & 122 | Adopted | 2005 |
| 14.1.2.2 | Vegetable juice | 2500 mg/kg | Notes 33 & 88 | 7 | |
| 14.1.2.3 | Concentrates for fruit juice | 1000 mg/kg | Notes 33, 40, 122 & 127 | Adopted | 2005 |
| 14.1.2.4 | Concentrates for vegetable juice | 2500 mg/kg | Notes 3 & 88 | 7 | |
| 14.1.3.1 | Fruit nectar | 1000 mg/kg | Notes 33, 40 & 122 | Adopted | 2005 |
| 14.1.3.2 | Vegetable nectar | 2500 mg/kg | Notes 33 & 88 | 7 | |
| 14.1.3.3 | Concentrates for fruit nectar | 1000 mg/kg | Notes 33, 40, 122 & 127 | Adopted | 2005 |
| 14.1.3.4 | Concentrates for vegetable nectar | 2500 mg/kg | Notes 3 & 88 | 7 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 12000 mg/kg | Note 33 | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 880 mg/kg | Note 33 | 7 | |
| 14.2.1 | Beer and malt beverages | 440 mg/kg | Note 33 | 7 | |
| 14.2.2 | Cider and perry | 880 mg/kg | Note 33 | 7 | |
| 14.2.3 | Grape wines | 440 mg/kg | Note 33 | 7 | |
| 14.2.4 | Wines (other than grape) | 440 mg/kg | Note 33 | 7 | |
| 14.2.5 | Mead | 440 mg/kg | Note 33 | 7 | |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | 440 mg/kg | Note 33 | 7 | |

PHOSPHATES

Function: Acidity Regulator, Adjuvant, Anticaking Agent, Antioxidant, Colour Retention Agent, Emulsifier, Firming Agent, Flavour Enhancer, Flour Treatment Agent, Humectant, Preservative, Raising Agent, Sequestrant, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|------|------|
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 12000 mg/kg | Note 33 | 7 | |
| 15.0 | Ready-to-eat savouries | 2200 mg/kg | Note 33 | 7 | |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 2000 mg/kg | Note 33 | 7 | |

PHOSPHATIDIC ACID, AMMONIUM SALT

Phosphatidic Acid, Ammonium Salt INS: 442

Function: Emulsifier, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | GMP | | 7 | |
| 01.4 | Cream (plain) and the like | GMP | | 7 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 5000 mg/kg | | 7 | |
| 03.0 | Edible ices, including sherbet and sorbet | 7500 mg/kg | | 7 | |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | GMP | | 7 | |
| 05.1.1 | Cocoa mixes (powders) and cocoa mass/cake | 10000 mg/kg | Note 97 | 7 | |
| 05.1.4 | Cocoa and chocolate products | 10000 mg/kg | | 7 | |
| 05.1.5 | Imitation chocolate, chocolate substitute products | 10000 mg/kg | | 7 | |
| 07.1.1 | Breads and rolls | GMP | | 7 | |

PIMARICIN

Pimaricin INS: 235

Function: Preservative

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|--------------|---------|------|
| 01.6.1 | Unripened cheese | 40 mg/kg | Notes 3 & 80 | Adopted | 2006 |
| 01.6.2 | Ripened cheese | 40 mg/kg | Notes 3 & 80 | Adopted | 2006 |
| 01.6.4 | Processed cheese | 40 mg/kg | Notes 3 & 80 | Adopted | 2006 |
| 01.6.5 | Cheese analogues | 40 mg/kg | Notes 3 & 80 | Adopted | 2006 |
| 01.6.6 | Whey protein cheese | 40 mg/kg | Notes 3 & 80 | Adopted | 2006 |
| 08.2.1.2 | Cured (including salted) and dried non-heat treated processed meat, poultry, and game products in whole pieces or cuts | 6 mg/kg | | Adopted | 2001 |
| 08.3.1.2 | Cured (including salted) and dried non-heat treated processed comminuted meat, poultry, and game products | 20 mg/kg | Notes 3 & 81 | Adopted | 2001 |

POLYDEXTROSE

POLYDEXTROSE

Polydextroses A and N

INS: 1200

Function: Bulking Agent, Humectant, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|------|------|
| 01.1.1 | Milk and buttermilk (plain) | GMP | | 7 | |
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 10.2.1 | Liquid egg products | GMP | | 7 | |
| 10.2.2 | Frozen egg products | GMP | | 7 | |
| 11.2 | Brown sugar excluding products of food category 11.1.3 | GMP | | 7 | |
| 11.3 | Sugar solutions and syrups, also (partially) inverted, including treacle and molasses, excluding products of food category 11.1.3 | GMP | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |

POLYDIMETHYLSILOXANE

Polydimethylsiloxane

INS: 900a

Function: Anticaking Agent, Antifoaming Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|----------|---------|------|
| 01.5.1 | Milk powder and cream powder (plain) | 10 mg/kg | | Adopted | 1999 |
| 02.1.2 | Vegetable oils and fats | 10 mg/kg | | Adopted | 2006 |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 10 mg/kg | | Adopted | 2006 |
| 02.2.1.2 | Margarine and similar products | 10 mg/kg | | Adopted | 1999 |
| 02.2.2 | Emulsions containing less than 80% fat | 10 mg/kg | Note 152 | 3 | |
| 04.1.2.3 | Fruit in vinegar, oil, or brine | 10 mg/kg | | Adopted | 1999 |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | 10 mg/kg | | Adopted | 1999 |
| 04.1.2.5 | Jams, jellies, marmelades | 30 mg/kg | | Adopted | 1999 |
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | 10 mg/kg | | Adopted | 1999 |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 110 mg/kg | | Adopted | 1999 |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 10 mg/kg | Note 15 | Adopted | 1999 |

POLYDIMETHYLSILOXANE

Function: Anticaking Agent, Antifoaming Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|----------|---------|------|
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 10 mg/kg | | Adopted | 1999 |
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 10 mg/kg | | Adopted | 1999 |
| 04.2.2.5 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed purees and spreads (e.g., peanut butter) | 10 mg/kg | | Adopted | 1999 |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 50 mg/kg | | Adopted | 2004 |
| 05.1.5 | Imitation chocolate, chocolate substitute products | 10 mg/kg | | Adopted | 1999 |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 10 mg/kg | | Adopted | 1999 |
| 05.3 | Chewing gum | 100 mg/kg | | Adopted | 1999 |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 50 mg/kg | | 3 | |
| 06.6 | Batters (e.g., for breading or batters for fish or poultry) | 10 mg/kg | | Adopted | 1999 |
| 12.5 | Soups and broths | 10 mg/kg | | Adopted | 1999 |
| 12.9.1.3 | Other soybean protein products (including non-fermented soy sauce) | 50 mg/kg | | 6 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 50 mg/kg | | Adopted | 2004 |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 50 mg/kg | | Adopted | 2004 |
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | 50 mg/kg | | Adopted | 2004 |
| 13.6 | Food supplements | 50 mg/kg | | Adopted | 2004 |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 20 mg/kg | | Adopted | 1999 |
| 14.2.1 | Beer and malt beverages | 10 mg/kg | | Adopted | 1999 |
| 14.2.2 | Cider and perry | 10 mg/kg | | Adopted | 1999 |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 10 mg/kg | | Adopted | 1999 |

POLYETHYLENE GLYCOL

Polyethylene Glycol

INS: 1521

Function: Adjuvant, Antifoaming Agent, Carrier solvent, Emulsifier, Flavour Enhancer, Glazing Agent, Release Agent, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|---------|------|
| 04.1.1.2 | Surface-treated fresh fruit | GMP | | Adopted | 2001 |
| 05.3 | Chewing gum | 20000 mg/kg | | Adopted | 2001 |
| 11.6 | Table-top sweeteners, including those containing high-intensity sweeteners | 10000 mg/kg | | Adopted | 2001 |

POLYETHYLENE GLYCOL

Function: Adjuvant, Antifoaming Agent, Carrier solvent, Emulsifier, Flavour Enhancer, Glazing Agent, Release Agent, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|---------|------|
| 13.6 | Food supplements | 70000 mg/kg | | Adopted | 2001 |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 1000 mg/kg | | Adopted | 2001 |

POLYGLYCEROL ESTERS OF FATTY ACIDS

Polyglycerol Esters of Fatty Acids

INS: 475

Function: Adjuvant, Crystallization Inhibitor, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 5000 mg/kg | | 7 | |
| 01.2.1 | Fermented milks (plain) | 30000 mg/kg | | 7 | |
| 01.3.2 | Beverage whiteners | 5000 mg/kg | | 7 | |
| 01.4 | Cream (plain) and the like | 10000 mg/kg | | 7 | |
| 01.5 | Milk powder and cream powder and powder analogues (plain) | 10000 mg/kg | | 7 | |
| 01.6.4 | Processed cheese | 10000 mg/kg | | 7 | |
| 01.6.5 | Cheese analogues | 5000 mg/kg | | 7 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 10000 mg/kg | | 7 | |
| 02.1.2 | Vegetable oils and fats | 20000 mg/kg | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 20000 mg/kg | | 7 | |
| 02.2.1.2 | Margarine and similar products | 5000 mg/kg | | 7 | |
| 02.2.1.3 | Blends of butter and margarine | 20000 mg/kg | | 7 | |
| 02.2.2 | Emulsions containing less than 80% fat | 20000 mg/kg | | 7 | |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | 20000 mg/kg | | 7 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 20000 mg/kg | | 7 | |
| 03.0 | Edible ices, including sherbet and sorbet | 10000 mg/kg | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | 1000 mg/kg | | 7 | |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 5000 mg/kg | | 7 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 9000 mg/kg | | 7 | |
| 04.1.2.11 | Fruit fillings for pastries | 5000 mg/kg | | 7 | |
| 04.2.1.3 | Peeled, cut or shredded fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 3000 mg/kg | | 7 | |

POLYGLYCEROL ESTERS OF FATTY ACIDS

Function: Adjuvant, Crystallization Inhibitor, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|------|------|
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 5000 mg/kg | | 7 | |
| 05.1.1 | Cocoa mixes (powders) and cocoa mass/cake | 9000 mg/kg | | 7 | |
| 05.1.4 | Cocoa and chocolate products | 10000 mg/kg | | 7 | |
| 05.1.5 | Imitation chocolate, chocolate substitute products | 10000 mg/kg | | 7 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 5000 mg/kg | | 7 | |
| 05.3 | Chewing gum | 20000 mg/kg | | 7 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 10000 mg/kg | | 7 | |
| 06.1 | Whole, broken, or flaked grain, including rice | 10000 mg/kg | | 7 | |
| 06.2 | Flours and starches (including soybean powder) | 10000 mg/kg | | 7 | |
| 06.3 | Breakfast cereals, including rolled oats | 10000 mg/kg | | 7 | |
| 06.4.2 | Dried pastas and noodles and like products | 20000 mg/kg | | 7 | |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 20000 mg/kg | | 7 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 9000 mg/kg | | 7 | |
| 06.6 | Batters (e.g., for breading or batters for fish or poultry) | 10000 mg/kg | | 7 | |
| 07.1.1 | Breads and rolls | 10000 mg/kg | | 7 | |
| 07.1.2 | Crackers, excluding sweet crackers | 6000 mg/kg | | 7 | |
| 07.1.3 | Other ordinary bakery products (e.g., bagels, pita, English muffins) | 6000 mg/kg | | 7 | |
| 07.1.4 | Bread-type products, including bread stuffing and bread crumbs | 10000 mg/kg | | 7 | |
| 07.1.5 | Steamed breads and buns | 6000 mg/kg | | 7 | |
| 07.1.6 | Mixes for bread and ordinary bakery wares | 6000 mg/kg | | 7 | |
| 07.2 | Fine bakery wares (sweet, salty, savoury) and mixes | 10000 mg/kg | | 7 | |
| 08.0 | Meat and meat products, including poultry and game | 5000 mg/kg | | 7 | |
| 09.0 | Fish and fish products, including mollusks, crustaceans, and echinoderms | 10000 mg/kg | | 7 | |
| 10.2 | Egg products | 5000 mg/kg | | 7 | |
| 10.4 | Egg-based desserts (e.g., custard) | 9000 mg/kg | | 7 | |
| 12.5.1 | Ready-to-eat soups and broths, including canned, bottled, and frozen | 5000 mg/kg | | 7 | |
| 12.5.2 | Mixes for soups and broths | 9000 mg/kg | Note 127 | 7 | |
| 12.6 | Sauces and like products | 10000 mg/kg | | 4 | |
| 12.6.1 | Emulsified sauces (e.g., mayonnaise, salad dressing) | GMP | | 7 | |
| 12.6.2 | Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy) | 10000 mg/kg | | 7 | |

POLYGLYCEROL ESTERS OF FATTY ACIDS

Function: Adjuvant, Crystallization Inhibitor, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|------|------|
| 12.6.3 | Mixes for sauces and gravies | 10000 mg/kg | | 7 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 5000 mg/kg | | 7 | |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 5000 mg/kg | | 7 | |
| 13.6 | Food supplements | 50000 mg/kg | | 4 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 9000 mg/kg | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 5000 mg/kg | | 7 | |
| 14.2.1 | Beer and malt beverages | 500 mg/kg | | 7 | |
| 14.2.2 | Cider and perry | 5000 mg/kg | | 7 | |
| 14.2.3 | Grape wines | 500 mg/kg | | 7 | |
| 14.2.4 | Wines (other than grape) | 500 mg/kg | | 7 | |
| 14.2.5 | Mead | 500 mg/kg | | 7 | |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | 5000 mg/kg | | 7 | |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 5000 mg/kg | | 7 | |
| 15.0 | Ready-to-eat savouries | 10000 mg/kg | | 7 | |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 10000 mg/kg | | 4 | |

POLYGLYCEROL ESTERS OF INTERESTERIFIED RICINOLEIC ACID

Polyglycerol Esters of Interesterified Ricinoleic Acid INS: 476

Function: Emulsifier, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 01.4 | Cream (plain) and the like | 5000 mg/kg | | 7 | |
| 01.5 | Milk powder and cream powder and powder analogues (plain) | 10000 mg/kg | | 7 | |
| 01.6.4 | Processed cheese | 5000 mg/kg | | 7 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 5000 mg/kg | | 7 | |
| 02.1.2 | Vegetable oils and fats | 10000 mg/kg | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 10000 mg/kg | | 7 | |
| 02.2.1.3 | Blends of butter and margarine | 10000 mg/kg | | 7 | |
| 02.2.2 | Emulsions containing less than 80% fat | 10000 mg/kg | | 7 | |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | 20000 mg/kg | | 7 | |

POLYGLYCEROL ESTERS OF INTERESTERIFIED

Function: Emulsifier, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 10000 mg/kg | | 7 | |
| 03.0 | Edible ices, including sherbet and sorbet | 10000 mg/kg | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | 1000 mg/kg | | 7 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 5000 mg/kg | | 7 | |
| 04.1.2.11 | Fruit fillings for pastries | 5000 mg/kg | | 7 | |
| 05.1.1 | Cocoa mixes (powders) and cocoa mass/cake | 5000 mg/kg | Note 97 | 4 | |
| 05.1.4 | Cocoa and chocolate products | 10000 mg/kg | | 7 | |
| 05.1.5 | Imitation chocolate, chocolate substitute products | 5000 mg/kg | | 7 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 3000 mg/kg | | 7 | |
| 05.3 | Chewing gum | 20000 mg/kg | | 7 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 5000 mg/kg | | 7 | |
| 06.0 | Cereals and cereal products derived from cereal grains, from roots and tubers, pulses and legumes, excluding bakery wares of food category 07.0 | 5000 mg/kg | | 7 | |
| 07.0 | Bakery wares | 5000 mg/kg | | 7 | |
| 08.0 | Meat and meat products, including poultry and game | 5000 mg/kg | | 7 | |
| 09.0 | Fish and fish products, including mollusks, crustaceans, and echinoderms | 5000 mg/kg | | 7 | |
| 10.2 | Egg products | 5000 mg/kg | | 7 | |
| 10.4 | Egg-based desserts (e.g., custard) | 5000 mg/kg | | 7 | |
| 12.5 | Soups and broths | 5000 mg/kg | | 7 | |
| 12.6 | Sauces and like products | 5000 mg/kg | | 7 | |
| 12.7 | Salads (e.g., macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories 04.2.2.5 and 05.1.3 | 4000 mg/kg | | 7 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 5000 mg/kg | | 7 | |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 5000 mg/kg | | 7 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 5000 mg/kg | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 5000 mg/kg | | 7 | |
| 14.2.1 | Beer and malt beverages | 1000 mg/kg | | 7 | |
| 14.2.2 | Cider and perry | 1000 mg/kg | | 7 | |
| 14.2.3 | Grape wines | 1000 mg/kg | | 7 | |
| 14.2.4 | Wines (other than grape) | 1000 mg/kg | | 7 | |
| 15.0 | Ready-to-eat savouries | 1000 mg/kg | | 7 | |

POLYSORBATES

Function: Adjuvant, Antifoaming Agent, Emulsifier, Flour Treatment Agent, Foaming Agent, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|---------------|---------|------|
| 03.0 | Edible ices, including sherbet and sorbet | 1000 mg/kg | | Adopted | 2005 |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 10000 mg/kg | | 3 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 3000 mg/kg | | 6 | |
| 04.1.2.11 | Fruit fillings for pastries | 5000 mg/kg | | 6 | |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 500 mg/kg | | 6 | |
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 30 mg/kg | Notes 7 & 100 | 6 | |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 3000 mg/kg | | 6 | |
| 05.1.2 | Cocoa mixes (syrops) | 500 mg/kg | | 6 | |
| 05.1.3 | Cocoa-based spreads, including fillings | 4600 mg/kg | | 6 | |
| 05.1.4 | Cocoa and chocolate products | 10000 mg/kg | | 6 | |
| 05.1.5 | Imitation chocolate, chocolate substitute products | 5000 mg/kg | | 6 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 10000 mg/kg | | 6 | |
| 05.3 | Chewing gum | 20000 mg/kg | | 6 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 7000 mg/kg | | 6 | |
| 06.4.2 | Dried pastas and noodles and like products | 10000 mg/kg | | 3 | |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 10000 mg/kg | | 3 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 3000 mg/kg | | Adopted | 2005 |
| 06.6 | Batters (e.g., for breading or batters for fish or poultry) | 5000 mg/kg | Note 2 | 6 | |
| 07.1.1 | Breads and rolls | 3000 mg/kg | | 6 | |
| 07.1.2 | Crackers, excluding sweet crackers | 5000 mg/kg | Note 11 | 6 | |
| 07.1.3 | Other ordinary bakery products (e.g., bagels, pita, English muffins) | 10000 mg/kg | Note 11 | 6 | |
| 07.1.4 | Bread-type products, including bread stuffing and bread crumbs | 5000 mg/kg | Note 11 | 6 | |
| 07.1.5 | Steamed breads and buns | 5000 mg/kg | Note 11 | 6 | |
| 07.1.6 | Mixes for bread and ordinary bakery wares | 5000 mg/kg | Note 11 | 6 | |
| 07.2 | Fine bakery wares (sweet, salty, savoury) and mixes | 5000 mg/kg | | 6 | |
| 08.2 | Processed meat, poultry, and game products in whole pieces or cuts | 10000 mg/kg | | 6 | |
| 08.3 | Processed comminuted meat, poultry, and game products | 10000 mg/kg | | 6 | |
| 08.4 | Edible casings (e.g., sausage casings) | 1500 mg/kg | | 6 | |

POLYSORBATES

Function: Adjuvant, Antifoaming Agent, Emulsifier, Flour Treatment Agent, Foaming Agent, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|---------|------|
| 10.4 | Egg-based desserts (e.g., custard) | 5000 mg/kg | | 6 | |
| 12.1.1 | Salt | 10 mg/kg | | Adopted | 2006 |
| 12.2.1 | Herbs and spices | 2000 mg/kg | | 6 | |
| 12.2.2 | Seasonings and condiments | 4600 mg/kg | | 6 | |
| 12.5 | Soups and broths | 1000 mg/kg | | Adopted | 2005 |
| 12.6.1 | Emulsified sauces (e.g., mayonnaise, salad dressing) | 5000 mg/kg | | 6 | |
| 12.6.2 | Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy) | 4600 mg/kg | | 6 | |
| 12.6.3 | Mixes for sauces and gravies | 5000 mg/kg | | 6 | |
| 12.6.4 | Clear sauces (e.g., fish sauce) | 4600 mg/kg | | 6 | |
| 12.7 | Salads (e.g., macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories 04.2.2.5 and 05.1.3 | 2000 mg/kg | | 6 | |
| 12.9.5 | Other protein products | 4000 mg/kg | Note 15 | 6 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 1000 mg/kg | | Adopted | 2005 |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 1000 mg/kg | | Adopted | 2005 |
| 13.6 | Food supplements | 790 mg/kg | Note 101 | 6 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 10000 mg/kg | | 3 | |
| 14.1.4.1 | Carbonated water-based flavoured drinks | 500 mg/kg | | 6 | |
| 14.1.4.2 | Non-carbonated water-based flavoured drinks, including punches and ades | 500 mg/kg | | 6 | |
| 14.1.4.3 | Concentrates (liquid or solid) for water-based flavoured drinks | 45000 mg/kg | Note 102 | 6 | |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | 120 mg/kg | | 6 | |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 120 mg/kg | | 6 | |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 2000 mg/kg | | 6 | |

POLYVINYL ALCOHOL

Polyvinyl Alcohol

INS: 1203

Function: Glazing Agent, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|------|------|
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 2000 mg/kg | | 3 | |
| 05.1.4 | Cocoa and chocolate products | 15000 mg/kg | | 3 | |
| 06.3 | Breakfast cereals, including rolled oats | 5000 mg/kg | | 3 | |
| 13.6 | Food supplements | 45000 mg/kg | | 3 | |

POLYVINYL ALCOHOL

Function: Glazing Agent, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 15.2 | Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit) | 15000 mg/kg | | 3 | |

POLYVINYLPYRROLIDONE

Polyvinylpyrrolidone

INS: 1201

Function: Adjuvant, Emulsifier, Glazing Agent, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|---------|------|
| 04.1.1.2 | Surface-treated fresh fruit | GMP | | Adopted | 1999 |
| 05.3 | Chewing gum | 10000 mg/kg | | Adopted | 1999 |
| 11.6 | Table-top sweeteners, including those containing high-intensity sweeteners | 3000 mg/kg | | Adopted | 1999 |
| 12.3 | Vinegars | 40 mg/kg | | Adopted | 1999 |
| 13.6 | Food supplements | GMP | | Adopted | 1999 |
| 14.1.4.3 | Concentrates (liquid or solid) for water-based flavoured drinks | 500 mg/kg | | Adopted | 1999 |
| 14.2.1 | Beer and malt beverages | 10 mg/kg | Note 36 | Adopted | 1999 |
| 14.2.2 | Cider and perry | 2 mg/kg | Note 36 | Adopted | 1999 |

PONCEAU 4R

Ponceau 4R

INS: 124

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 150 mg/kg | | 6 | |
| 01.6.1 | Unripened cheese | 100 mg/kg | Note 3 | 3 | |
| 01.6.2.2 | Rind of ripened cheese | 100 mg/kg | | 6 | |
| 01.6.4 | Processed cheese | 200 mg/kg | | 6 | |
| 01.6.5 | Cheese analogues | 100 mg/kg | Note 3 | 3 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 150 mg/kg | | 6 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 150 mg/kg | | 6 | |
| 03.0 | Edible ices, including sherbet and sorbet | 150 mg/kg | | 6 | |
| 04.1.1.2 | Surface-treated fresh fruit | 500 mg/kg | Note 16 | 6 | |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | 300 mg/kg | | 6 | |
| 04.1.2.5 | Jams, jellies, marmelades | 500 mg/kg | | 6 | |
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | 500 mg/kg | | 6 | |

PONCEAU 4R

| Function: | Colour | | | | |
|-----------|--|-----------|----------|------|------|
| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
| 04.1.2.7 | Candied fruit | 200 mg/kg | | 6 | |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 500 mg/kg | | 6 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 150 mg/kg | | 6 | |
| 04.1.2.11 | Fruit fillings for pastries | 100 mg/kg | | 6 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 500 mg/kg | Note 16 | 6 | |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 500 mg/kg | | 6 | |
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 200 mg/kg | | 6 | |
| 04.2.2.5 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed purees and spreads (e.g., peanut butter) | 100 mg/kg | | 6 | |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 200 mg/kg | | 6 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 500 mg/kg | | 3 | |
| 05.1.1 | Cocoa mixes (powders) and cocoa mass/cake | 50 mg/kg | | 6 | |
| 05.1.2 | Cocoa mixes (syrups) | 50 mg/kg | | 6 | |
| 05.1.3 | Cocoa-based spreads, including fillings | 100 mg/kg | | 6 | |
| 05.1.4 | Cocoa and chocolate products | 150 mg/kg | | 6 | |
| 05.1.5 | Imitation chocolate, chocolate substitute products | 150 mg/kg | | 6 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 300 mg/kg | | 6 | |
| 05.3 | Chewing gum | 300 mg/kg | | 6 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 500 mg/kg | | 6 | |
| 06.3 | Breakfast cereals, including rolled oats | 200 mg/kg | | 6 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 150 mg/kg | | 6 | |
| 07.0 | Bakery wares | 200 mg/kg | | 6 | |
| 08.1 | Fresh meat, poultry, and game | 500 mg/kg | Note 16 | 6 | |
| 08.2 | Processed meat, poultry, and game products in whole pieces or cuts | 30 mg/kg | | 6 | |
| 08.3.1.1 | Cured (including salted) non-heat treated processed comminuted meat, poultry, and game products | 250 mg/kg | | 6 | |
| 08.3.1.2 | Cured (including salted) and dried non-heat treated processed comminuted meat, poultry, and game products | 200 mg/kg | | 6 | |

PONCEAU 4R

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|------|------|
| 08.3.1.3 | Fermented non-heat treated processed comminuted meat, poultry, and game products | 30 mg/kg | | 6 | |
| 08.3.2 | Heat-treated processed comminuted meat, poultry, and game products | 200 mg/kg | | 6 | |
| 08.3.3 | Frozen processed comminuted meat, poultry, and game products | 200 mg/kg | | 6 | |
| 08.4 | Edible casings (e.g., sausage casings) | 500 mg/kg | Note 16 | 6 | |
| 09.1.1 | Fresh fish | 300 mg/kg | Note 50 | 6 | |
| 09.1.2 | Fresh mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | 6 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | | 6 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | 6 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | 6 | |
| 09.2.4.1 | Cooked fish and fish products | 500 mg/kg | | 6 | |
| 09.2.4.2 | Cooked mollusks, crustaceans, and echinoderms | 250 mg/kg | | 6 | |
| 09.2.4.3 | Fried fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | 6 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 22 | 6 | |
| 09.3.1 | Fish and fish products, including mollusks, crustaceans, and echinoderms, marinated and/or in jelly | 500 mg/kg | Note 16 | 6 | |
| 09.3.2 | Fish and fish products, including mollusks, crustaceans, and echinoderms, pickled and/or in brine | 500 mg/kg | Note 16 | 6 | |
| 09.3.3 | Salmon substitutes, caviar, and other fish roe products | 500 mg/kg | | 6 | |
| 09.3.4 | Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms (e.g., fish paste), excluding products of food categories 09.3.1 - 09.3.3 | 500 mg/kg | | 6 | |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | | 6 | |
| 10.1 | Fresh eggs | 500 mg/kg | Note 4 | 3 | |
| 10.4 | Egg-based desserts (e.g., custard) | 100 mg/kg | | 6 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 200 mg/kg | | 6 | |
| 11.6 | Table-top sweeteners, including those containing high-intensity sweeteners | 200 mg/kg | | 6 | |
| 12.2.2 | Seasonings and condiments | 500 mg/kg | | 6 | |
| 12.4 | Mustards | 300 mg/kg | | 6 | |
| 12.5 | Soups and broths | 300 mg/kg | | 6 | |
| 12.6 | Sauces and like products | 500 mg/kg | | 6 | |
| 12.7 | Salads (e.g., macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories 04.2.2.5 and 05.1.3 | 200 mg/kg | | 6 | |
| 12.9.5 | Other protein products | 100 mg/kg | | 6 | |

PONCEAU 4R

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|------|------|
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 50 mg/kg | | 6 | |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 50 mg/kg | | 6 | |
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | 300 mg/kg | | 6 | |
| 13.6 | Food supplements | 300 mg/kg | | 6 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 100 mg/kg | | 6 | |
| 14.2.2 | Cider and perry | 200 mg/kg | | 6 | |
| 14.2.4 | Wines (other than grape) | 200 mg/kg | | 6 | |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | 200 mg/kg | | 6 | |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 200 mg/kg | | 6 | |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 200 mg/kg | | 6 | |
| 15.2 | Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit) | 100 mg/kg | | 6 | |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 500 mg/kg | | 6 | |

POTASSIUM ACETATES

Potassium Acetates

INS: 261

Function: Acidity Regulator

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|----------|------|------|
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | GMP | | 4 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |

POTASSIUM ALGINATE

Potassium Alginate

INS: 402

Function: Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|------|------|
| 01.1.1.2 | Buttermilk (plain) | 6000 mg/kg | | 7 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | 5000 mg/kg | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | 1000 mg/kg | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | 5000 mg/kg | | 7 | |

POTASSIUM ALGINATE

Function: Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 5000 mg/kg | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 10000 mg/kg | | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | 500 mg/kg | | 4 | |
| 13.2 | Complementary foods for infants and young children | 5000 mg/kg | | 7 | |
| 14.2.3.2 | Sparkling and semi-sparkling grape wines | GMP | | 7 | |

POTASSIUM ASCORBATE

Potassium Ascorbate

INS: 303

Function: Antioxidant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|---------|------|
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 04.1.1 | Fresh fruit | GMP | | 7 | |
| 06.2.1 | Flours | 300 mg/kg | | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 1000 mg/kg | Note 70 | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 99 | 7 | |
| 13.2 | Complementary foods for infants and young children | 500 mg/kg | Note 70 | 7 | |
| 14.1.2.1 | Fruit juice | GMP | | Adopted | 2005 |
| 14.1.2.3 | Concentrates for fruit juice | GMP | Note 127 | Adopted | 2005 |
| 14.1.3.1 | Fruit nectar | GMP | | Adopted | 2005 |
| 14.1.3.3 | Concentrates for fruit nectar | GMP | Note 127 | Adopted | 2005 |
| 14.2.3 | Grape wines | GMP | | 7 | |

POTASSIUM CARBONATE

Potassium Carbonate

INS: 501i

POTASSIUM CARBONATE

Function: Acidity Regulator, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|---------|------|
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 4 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 01.8.2 | Dried whey and whey products, excluding whey cheeses | GMP | | Adopted | 2006 |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 4 | |
| 06.4.1 | Fresh pastas and noodles and like products | GMP | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | 2600 mg/kg | | 7 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 41 | 7 | |
| 12.2 | Herbs, spices, seasonings and condiments (e.g., seasoning for instant noodles) | GMP | Note 51 | 4 | |
| 13.1.1 | Infant formulae | GMP | Note 72 | 7 | |
| 13.1.2 | Follow-up formulae | GMP | Note 72 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | GMP | | 4 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 4 | |
| 14.2.3 | Grape wines | 5000 mg/kg | | 7 | |

POTASSIUM CHLORIDE

Potassium Chloride

INS: 508

Function: Gelling Agent, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|---------|------|
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 01.8.2 | Dried whey and whey products, excluding whey cheeses | GMP | | Adopted | 2006 |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 4 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | | 7 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |

POTASSIUM CHLORIDE

Function: Gelling Agent, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|------|------|
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 30000 mg/kg | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 4 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 4 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 4 | |

POTASSIUM DIHYDROGEN CITRATE

Potassium Dihydrogen Citrate

INS: 332i

Function: Acidity Regulator, Antioxidant, Emulsifier, Sequestrant, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|---------|------|
| 01.1.1.2 | Buttermilk (plain) | GMP | | 7 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 7 | |
| 01.2.2 | Renneted milk (plain) | GMP | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 01.8.2 | Dried whey and whey products, excluding whey cheeses | GMP | | Adopted | 2006 |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 02.2.1.2 | Margarine and similar products | GMP | | 4 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Note 16 | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 16 | 7 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | Note 16 | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 61 | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 61 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |

POTASSIUM DIHYDROGEN CITRATE

Function: Acidity Regulator, Antioxidant, Emulsifier, Sequestrant, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|------|------|
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 13.1.1 | Infant formulae | GMP | Note 72 | 7 | |
| 13.1.2 | Follow-up formulae | GMP | Note 72 | 4 | |
| 13.1.3 | Formulae for special medical purposes for infants | 2000 mg/kg | | 4 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |

POTASSIUM HYDROGEN CARBONATE

Potassium Hydrogen Carbonate INS: 501ii

Function: Acidity Regulator, Raising Agent, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|---------|------|
| 01.4.1 | Pasteurized cream (plain) | 2000 mg/kg | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 01.8.2 | Dried whey and whey products, excluding whey cheeses | GMP | | Adopted | 2006 |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 41 | 7 | |
| 13.1.1 | Infant formulae | GMP | Note 72 | 7 | |
| 13.1.2 | Follow-up formulae | GMP | Note 72 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | GMP | | 4 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |
| 14.2.3 | Grape wines | 5000 mg/kg | | 7 | |

POTASSIUM HYDROXIDE

Potassium Hydroxide INS: 525

Function: Acidity Regulator, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|----------|---------|------|
| 01.8.2 | Dried whey and whey products, excluding whey cheeses | GMP | | Adopted | 2006 |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | | 7 | |
| 13.1.1 | Infant formulae | GMP | Note 72 | 7 | |
| 13.1.2 | Follow-up formulae | GMP | Note 72 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | GMP | | 4 | |

POTASSIUM HYDROXIDE

Function: Acidity Regulator, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|----------|------|------|
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |

POTASSIUM LACTATE

Potassium Lactate INS: 326

Function: Acidity Regulator, Antioxidant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|------|------|
| 01.1.1.2 | Buttermilk (plain) | GMP | | 7 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 02.2.1.2 | Margarine and similar products | GMP | | 4 | |
| 08.1 | Fresh meat, poultry, and game | 20000 mg/kg | | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | GMP | | 4 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |

POWDERED CELLULOSE

Powdered Cellulose INS: 460ii

Function: Anticaking Agent, Bulking Agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|---------|------|
| 01.1.1.2 | Buttermilk (plain) | GMP | | 7 | |
| 01.2.1.1 | Fermented milks (plain), not heat-treated after fermentation | GMP | Note 149 | 4 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 7 | |
| 01.2.2 | Renneted milk (plain) | GMP | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 01.8.2 | Dried whey and whey products, excluding whey cheeses | 10000 mg/kg | | Adopted | 2006 |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Note 16 | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 16 | 7 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |

POWDERED CELLULOSE

Function: Anticaking Agent, Bulking Agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|----------|------|------|
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | Note 16 | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |

PROCESSED EUCHEUMA SEAWEED

Processed Eucheuma Seaweed INS: 407a

Function: Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|------|------|
| 01.1.1 | Milk and buttermilk (plain) | GMP | | 4 | |
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | 5000 mg/kg | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | 5000 mg/kg | | 7 | |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | | 7 | |
| 04.1.1.3 | Peeled or cut fresh fruit | GMP | | 4 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.1.3 | Peeled, cut or shredded fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 4 | |

PROCESSED EUCHEUMA SEAWEED

Function: Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|------|------|
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 4 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 4 | |
| 06.4.1 | Fresh pastas and noodles and like products | GMP | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | 8330 mg/kg | Note 37 | 7 | |
| 08.1 | Fresh meat, poultry, and game | GMP | | 4 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 5000 mg/kg | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 5000 mg/kg | | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.4.1 | Cooked fish and fish products | 5000 mg/kg | | 7 | |
| 09.2.4.2 | Cooked mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 09.2.4.3 | Fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 10.2.1 | Liquid egg products | GMP | | 4 | |
| 10.2.2 | Frozen egg products | GMP | | 4 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 4 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 4 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |

PROPIONIC ACID

Propionic Acid

INS: 280

Function: Preservative

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---------------------|------------|----------|---------|------|
| 01.6.6 | Whey protein cheese | 3000 mg/kg | Note 70 | Adopted | 2006 |

PROPYL GALLATE

Propyl Gallate

INS: 310

PROPYL GALLATE

Function: Antioxidant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|--------------------|---------|------|
| 01.5.1 | Milk powder and cream powder (plain) | 200 mg/kg | Notes 15, 75 & 130 | Adopted | 2001 |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 90 mg/kg | Notes 2, 15 & 130 | Adopted | 2001 |
| 02.1.1 | Butter oil, anhydrous milkfat, ghee | 100 mg/kg | Notes 15 & 133 | Adopted | 2006 |
| 02.1.2 | Vegetable oils and fats | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 02.2.1.2 | Margarine and similar products | 200 mg/kg | Notes 15 & 130 | Adopted | 2004 |
| 02.2.1.2 | Margarine and similar products | 100 mg/kg | Notes 15 & 133 | 7 | |
| 02.2.1.3 | Blends of butter and margarine | 200 mg/kg | Notes 15 & 130 | Adopted | 2004 |
| 02.2.2 | Emulsions containing less than 80% fat | 200 mg/kg | Notes 15 & 130 | Adopted | 2004 |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | 200 mg/kg | Notes 15 & 130 | Adopted | 2004 |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 200 mg/kg | Notes 15 & 130 | Adopted | 2004 |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 90 mg/kg | Notes 2, 15 & 130 | Adopted | 2001 |
| 04.2.2.2 | Dried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 50 mg/kg | Notes 15, 76 & 130 | Adopted | 2001 |
| 05.1 | Cocoa products and chocolate products including imitations and chocolate substitutes | 200 mg/kg | Notes 15 & 130 | Adopted | 2001 |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 200 mg/kg | Notes 15 & 130 | Adopted | 2001 |
| 05.3 | Chewing gum | 1000 mg/kg | Note 130 | Adopted | 2001 |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 200 mg/kg | Notes 15 & 130 | Adopted | 2001 |
| 06.1 | Whole, broken, or flaked grain, including rice | 100 mg/kg | Notes 15 & 130 | Adopted | 2001 |
| 06.3 | Breakfast cereals, including rolled oats | 200 mg/kg | Notes 15 & 130 | Adopted | 2001 |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 200 mg/kg | Notes 15 & 130 | 3 | |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 100 mg/kg | Notes 15 & 130 | Adopted | 2001 |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 90 mg/kg | Notes 2, 15 & 130 | Adopted | 2001 |
| 07.1.3 | Other ordinary bakery products (e.g., bagels, pita, English muffins) | 100 mg/kg | Notes 15 & 130 | Adopted | 2001 |
| 07.2.3 | Mixes for fine bakery wares (e.g., cakes, pancakes) | 200 mg/kg | Notes 15 & 130 | Adopted | 2001 |
| 08.2 | Processed meat, poultry, and game products in whole pieces or cuts | 200 mg/kg | Notes 15 & 130 | Adopted | 2001 |
| 08.3 | Processed comminuted meat, poultry, and game products | 200 mg/kg | Notes 15 & 130 | Adopted | 2001 |

PROPYL GALLATE

Function: Antioxidant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|-------------------|---------|------|
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | 100 mg/kg | Notes 15 & 130 | Adopted | 2001 |
| 10.4 | Egg-based desserts (e.g., custard) | 90 mg/kg | Notes 2, 15 & 130 | Adopted | 2001 |
| 12.2 | Herbs, spices, seasonings and condiments (e.g., seasoning for instant noodles) | 200 mg/kg | Notes 15 & 130 | Adopted | 2001 |
| 12.5.2 | Mixes for soups and broths | 200 mg/kg | Notes 15 & 130 | Adopted | 2001 |
| 12.6 | Sauces and like products | 200 mg/kg | Notes 15 & 130 | Adopted | 2001 |
| 13.6 | Food supplements | 400 mg/kg | Notes 15 & 130 | Adopted | 2001 |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 1000 mg/kg | Notes 15 & 130 | Adopted | 2001 |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 200 mg/kg | Notes 15 & 130 | Adopted | 2005 |
| 15.2 | Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit) | 200 mg/kg | Notes 15 & 130 | Adopted | 2005 |

PROPYLENE GLYCOL

Propylene Glycol

INS: 1520

Function: Adjuvant, Anticaking Agent, Antifoaming Agent, Carrier solvent, Emulsifier, Flour Treatment Agent, Humectant, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|--------------|----------|------|------|
| 01.6.1 | Unripened cheese | 6000 mg/kg | | 7 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 25000 mg/kg | | 7 | |
| 03.0 | Edible ices, including sherbet and sorbet | 25000 mg/kg | | 7 | |
| 04.1.2.2 | Dried fruit | 50000 mg/kg | | 7 | |
| 04.1.2.7 | Candied fruit | 50000 mg/kg | | 7 | |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 200000 mg/kg | | 7 | |
| 04.1.2.11 | Fruit fillings for pastries | 200000 mg/kg | | 7 | |
| 04.2.1 | Fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 50000 mg/kg | | 7 | |
| 04.2.2 | Processed vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 50000 mg/kg | Note 79 | 7 | |
| 05.0 | Confectionery | 240000 mg/kg | | 7 | |
| 06.4.1 | Fresh pastas and noodles and like products | 20000 mg/kg | | 7 | |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 20000 mg/kg | | 4 | |
| 06.6 | Batters (e.g., for breading or batters for fish or poultry) | 500 mg/kg | Note 72 | 7 | |
| 07.1 | Bread and ordinary bakery wares | 10000 mg/kg | | 7 | |

PROPYLENE GLYCOL

Function: Adjuvant, Anticaking Agent, Antifoaming Agent, Carrier solvent, Emulsifier, Flour Treatment Agent, Humectant, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|--------------|----------|------|------|
| 07.2.1 | Cakes, cookies and pies (e.g., fruit-filled or custard types) | 50000 mg/kg | | 7 | |
| 07.2.2 | Other fine bakery products (e.g., doughnuts, sweet rolls, scones, and muffins) | 10000 mg/kg | | 7 | |
| 07.2.3 | Mixes for fine bakery wares (e.g., cakes, pancakes) | 10000 mg/kg | | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | 20000 mg/kg | Note 22 | 7 | |
| 11.6 | Table-top sweeteners, including those containing high-intensity sweeteners | GMP | | 7 | |
| 12.2.2 | Seasonings and condiments | 970000 mg/kg | | 7 | |
| 12.4 | Mustards | 15000 mg/kg | | 7 | |
| 12.5.2 | Mixes for soups and broths | 500 mg/kg | Note 127 | 7 | |
| 12.6.1 | Emulsified sauces (e.g., mayonnaise, salad dressing) | 800 mg/kg | | 7 | |
| 12.6.2 | Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy) | 500 mg/kg | | 7 | |
| 13.6 | Food supplements | 2000 mg/kg | | 4 | |
| 14.1.4.1 | Carbonated water-based flavoured drinks | 3000 mg/kg | | 7 | |
| 14.1.4.2 | Non-carbonated water-based flavoured drinks, including punches and ades | 3000 mg/kg | | 7 | |
| 14.1.4.3 | Concentrates (liquid or solid) for water-based flavoured drinks | 200000 mg/kg | | 7 | |
| 14.2 | Alcoholic beverages, including alcohol-free and low-alcoholic counterparts | 50000 mg/kg | | 7 | |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 300 mg/kg | | 7 | |
| 15.2 | Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit) | 50000 mg/kg | | 7 | |

PROPYLENE GLYCOL ALGINATE

Propylene Glycol Alginate

INS: 405

Function: Adjuvant, Bulking Agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 01.1.1.2 | Buttermilk (plain) | 3000 mg/kg | | 7 | |
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 10000 mg/kg | | 4 | |
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | 10000 mg/kg | | 4 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | 5000 mg/kg | | 7 | |
| 01.3.2 | Beverage whiteners | 5000 mg/kg | | 7 | |
| 01.4.3 | Clotted cream (plain) | 5000 mg/kg | | 7 | |
| 01.4.4 | Cream analogues | 2500 mg/kg | | 7 | |
| 01.6.1 | Unripened cheese | 9000 mg/kg | | 7 | |

PROPYLENE GLYCOL ALGINATE

Function: Adjuvant, Bulking Agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|------|------|
| 01.6.2.1 | Ripened cheese, includes rind | 9000 mg/kg | | 7 | |
| 01.6.2.2 | Rind of ripened cheese | 9000 mg/kg | | 7 | |
| 01.6.2.3 | Cheese powder (for reconstitution; e.g., for cheese sauces) | 16000 mg/kg | | 7 | |
| 01.6.4 | Processed cheese | 9000 mg/kg | | 7 | |
| 01.6.5 | Cheese analogues | 9000 mg/kg | | 7 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 10000 mg/kg | | 7 | |
| 02.1.2 | Vegetable oils and fats | 11000 mg/kg | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 11000 mg/kg | | 7 | |
| 02.2.1.3 | Blends of butter and margarine | 3000 mg/kg | | 7 | |
| 02.2.2 | Emulsions containing less than 80% fat | 10000 mg/kg | | 7 | |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | 3000 mg/kg | | 7 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 10000 mg/kg | | 7 | |
| 03.0 | Edible ices, including sherbet and sorbet | 10000 mg/kg | | 4 | |
| 04.1.1.2 | Surface-treated fresh fruit | 10000 mg/kg | | 4 | |
| 04.1.1.3 | Peeled or cut fresh fruit | 10000 mg/kg | | 4 | |
| 04.1.2.1 | Frozen fruit | 10000 mg/kg | | 7 | |
| 04.1.2.5 | Jams, jellies, marmelades | 20000 mg/kg | | 7 | |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 7500 mg/kg | | 7 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 10000 mg/kg | | 7 | |
| 04.1.2.11 | Fruit fillings for pastries | 7500 mg/kg | | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 10000 mg/kg | | 4 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 10000 mg/kg | | 4 | |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 6000 mg/kg | | 7 | |
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 10000 mg/kg | Note 39 | 7 | |
| 04.2.2.5 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed purees and spreads (e.g., peanut butter) | 10000 mg/kg | | 4 | |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 5000 mg/kg | | 7 | |

PROPYLENE GLYCOL ALGINATE

Function: Adjuvant, Bulking Agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 10000 mg/kg | | 4 | |
| 05.1 | Cocoa products and chocolate products including imitations and chocolate substitutes | 5000 mg/kg | | 7 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 5000 mg/kg | | 7 | |
| 05.3 | Chewing gum | 10000 mg/kg | | 7 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 7500 mg/kg | | 7 | |
| 06.4.1 | Fresh pastas and noodles and like products | 10000 mg/kg | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | 1000 mg/kg | | 4 | |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 5000 mg/kg | | 7 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 10000 mg/kg | | 7 | |
| 07.0 | Bakery wares | 5000 mg/kg | | 7 | |
| 08.3 | Processed comminuted meat, poultry, and game products | 5000 mg/kg | | 7 | |
| 08.4 | Edible casings (e.g., sausage casings) | 20000 mg/kg | | 7 | |
| 10.2.1 | Liquid egg products | 10000 mg/kg | | 4 | |
| 10.2.2 | Frozen egg products | 10000 mg/kg | | 4 | |
| 10.4 | Egg-based desserts (e.g., custard) | 10000 mg/kg | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 5000 mg/kg | | 7 | |
| 12.2.2 | Seasonings and condiments | 6000 mg/kg | | 7 | |
| 12.5 | Soups and broths | 10000 mg/kg | | 4 | |
| 12.6.1 | Emulsified sauces (e.g., mayonnaise, salad dressing) | 10000 mg/kg | | 7 | |
| 12.6.2 | Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy) | 8000 mg/kg | | 7 | |
| 12.6.3 | Mixes for sauces and gravies | 8000 mg/kg | | 7 | |
| 12.6.4 | Clear sauces (e.g., fish sauce) | 8000 mg/kg | | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | 200 mg/kg | | 7 | |
| 13.2 | Complementary foods for infants and young children | 10000 mg/kg | | 4 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 1200 mg/kg | | 7 | |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 1200 mg/kg | | 7 | |
| 13.6 | Food supplements | 1000 mg/kg | | 7 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 500 mg/kg | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 10000 mg/kg | | 4 | |

PROPYLENE GLYCOL ALGINATE

Function: Adjuvant, Bulking Agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|------|------|
| 14.2.1 | Beer and malt beverages | 3000 mg/kg | | 7 | |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | 10000 mg/kg | | 7 | |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 3000 mg/kg | | 7 | |

PROPYLENE GLYCOL ESTERS OF FATTY ACIDS

Propylene Glycol Esters of Fatty Acids INS: 477

Function: Emulsifier, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|--------------|----------|---------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 5000 mg/kg | | Adopted | 2001 |
| 01.3.2 | Beverage whiteners | 1000 mg/kg | | Adopted | 2001 |
| 01.4.4 | Cream analogues | 5000 mg/kg | Note 86 | Adopted | 2001 |
| 01.5.2 | Milk and cream powder analogues | 100000 mg/kg | | Adopted | 2001 |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 5000 mg/kg | | Adopted | 2001 |
| 02.1.2 | Vegetable oils and fats | 10000 mg/kg | | Adopted | 2006 |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 10000 mg/kg | | Adopted | 2006 |
| 02.2.1.2 | Margarine and similar products | 20000 mg/kg | | Adopted | 2001 |
| 02.2.1.3 | Blends of butter and margarine | 10000 mg/kg | Note 134 | Adopted | 2006 |
| 02.2.2 | Emulsions containing less than 80% fat | 20000 mg/kg | | Adopted | 2001 |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | 30000 mg/kg | | Adopted | 2001 |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 40000 mg/kg | | Adopted | 2006 |
| 03.0 | Edible ices, including sherbet and sorbet | 5000 mg/kg | | Adopted | 2001 |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 40000 mg/kg | | Adopted | 2001 |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 40000 mg/kg | | Adopted | 2001 |
| 04.1.2.11 | Fruit fillings for pastries | 40000 mg/kg | | Adopted | 2001 |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 5000 mg/kg | | Adopted | 2001 |
| 05.1.1 | Cocoa mixes (powders) and cocoa mass/cake | 5000 mg/kg | | Adopted | 2006 |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 5000 mg/kg | | Adopted | 2001 |
| 05.3 | Chewing gum | 20000 mg/kg | | Adopted | 2001 |

PROPYLENE GLYCOL ESTERS OF FATTY ACIDS

Function: Emulsifier, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|---------------|---------|------|
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 40000 mg/kg | | Adopted | 2001 |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 5000 mg/kg | Note 2 | 3 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 40000 mg/kg | | Adopted | 2001 |
| 07.0 | Bakery wares | 15000 mg/kg | Notes 11 & 72 | Adopted | 2001 |
| 10.4 | Egg-based desserts (e.g., custard) | 40000 mg/kg | | Adopted | 2001 |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 5000 mg/kg | | Adopted | 2001 |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 5000 mg/kg | | Adopted | 2001 |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 5000 mg/kg | | Adopted | 2001 |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 500 mg/kg | | Adopted | 2001 |

PROTEASE (A. ORYZAE VAR.)Protease (*Aspergillus oryzae* var.) INS: 1101i

Function: Enzyme, Flavour Enhancer, Flour Treatment Agent, Glazing Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|----------|---------|------|
| 06.1 | Whole, broken, or flaked grain, including rice | GMP | | 7 | |
| 06.2.1 | Flours | GMP | | Adopted | 1999 |
| 08.1 | Fresh meat, poultry, and game | GMP | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |
| 14.2.3 | Grape wines | GMP | | 7 | |

QUILLAIA EXTRACT

Quillaia Extract INS: 999

Function: Foaming Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|----------|---------|------|
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 200 mg/kg | Note 132 | 7 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 100 mg/kg | | Adopted | 2004 |

QUINOLINE YELLOW

Quinoline Yellow INS: 104

QUINOLINE YELLOW

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|----------|------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 150 mg/kg | | 7 | |
| 01.6.1 | Unripened cheese | GMP | Note 3 | 7 | |
| 01.6.2.2 | Rind of ripened cheese | GMP | | 7 | |
| 01.6.4 | Processed cheese | 200 mg/kg | | 7 | |
| 01.6.5 | Cheese analogues | GMP | Note 3 | 7 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 150 mg/kg | | 7 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 150 mg/kg | | 7 | |
| 03.0 | Edible ices, including sherbet and sorbet | 150 mg/kg | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | 500 mg/kg | Note 16 | 7 | |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | 200 mg/kg | | 7 | |
| 04.1.2.5 | Jams, jellies, marmelades | 500 mg/kg | | 7 | |
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | 500 mg/kg | | 7 | |
| 04.1.2.7 | Candied fruit | 200 mg/kg | | 7 | |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 500 mg/kg | | 7 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 150 mg/kg | | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 500 mg/kg | Note 16 | 7 | |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 500 mg/kg | | 7 | |
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 200 mg/kg | | 7 | |
| 04.2.2.5 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed purees and spreads (e.g., peanut butter) | 100 mg/kg | | 7 | |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 200 mg/kg | | 7 | |
| 05.1 | Cocoa products and chocolate products including imitations and chocolate substitutes | 300 mg/kg | | 7 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 300 mg/kg | | 7 | |
| 05.3 | Chewing gum | 300 mg/kg | | 7 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 500 mg/kg | | 7 | |
| 06.3 | Breakfast cereals, including rolled oats | 200 mg/kg | | 7 | |

QUINOLINE YELLOW

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|------|------|
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 150 mg/kg | | 7 | |
| 07.2 | Fine bakery wares (sweet, salty, savoury) and mixes | 200 mg/kg | | 7 | |
| 08.0 | Meat and meat products, including poultry and game | 500 mg/kg | Note 16 | 7 | |
| 09.1.1 | Fresh fish | 300 mg/kg | Note 50 | 7 | |
| 09.1.2 | Fresh mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 95 | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | 7 | |
| 09.2.4.1 | Cooked fish and fish products | 500 mg/kg | | 7 | |
| 09.2.4.2 | Cooked mollusks, crustaceans, and echinoderms | 250 mg/kg | | 7 | |
| 09.2.4.3 | Fried fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 22 | 7 | |
| 09.3.1 | Fish and fish products, including mollusks, crustaceans, and echinoderms, marinated and/or in jelly | 500 mg/kg | Note 16 | 7 | |
| 09.3.2 | Fish and fish products, including mollusks, crustaceans, and echinoderms, pickled and/or in brine | 500 mg/kg | Note 16 | 7 | |
| 09.3.3 | Salmon substitutes, caviar, and other fish roe products | 500 mg/kg | | 7 | |
| 09.3.4 | Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms (e.g., fish paste), excluding products of food categories 09.3.1 - 09.3.3 | 500 mg/kg | | 7 | |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | | 7 | |
| 10.1 | Fresh eggs | GMP | Note 4 | 7 | |
| 10.4 | Egg-based desserts (e.g., custard) | 150 mg/kg | | 7 | |
| 12.2.2 | Seasonings and condiments | 500 mg/kg | | 7 | |
| 12.4 | Mustards | 300 mg/kg | | 7 | |
| 12.5 | Soups and broths | 300 mg/kg | | 7 | |
| 12.6 | Sauces and like products | 500 mg/kg | | 7 | |
| 12.9.5 | Other protein products | 100 mg/kg | | 7 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 50 mg/kg | | 7 | |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 50 mg/kg | | 7 | |
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | 300 mg/kg | | 7 | |
| 13.6 | Food supplements | 300 mg/kg | | 7 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 100 mg/kg | | 7 | |

QUINOLINE YELLOW

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|----------|------|------|
| 14.2.2 | Cider and perry | 200 mg/kg | | 7 | |
| 14.2.4 | Wines (other than grape) | 200 mg/kg | | 7 | |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | 200 mg/kg | | 7 | |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 200 mg/kg | | 7 | |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 200 mg/kg | | 7 | |
| 15.2 | Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit) | 100 mg/kg | | 7 | |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 500 mg/kg | | 7 | |

RED 2G

Red 2G

INS: 128

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|----------|------|------|
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 30 mg/kg | Note 12 | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | 25 mg/kg | | 7 | |
| 10.1 | Fresh eggs | GMP | Note 4 | 7 | |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | GMP | | 7 | |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | GMP | | 7 | |

RIBOFLAVINS

Riboflavin 5'-Phosphate, Sodium

INS: 101i

Riboflavin 5'-Phosphate

INS: 101ii

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|----------|---------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, egnog, drinking yoghurt, whey-based drinks) | 300 mg/kg | | Adopted | 2005 |
| 01.3.2 | Beverage whiteners | 300 mg/kg | | Adopted | 2005 |
| 01.5.2 | Milk and cream powder analogues | 300 mg/kg | | Adopted | 2005 |
| 01.6.1 | Unripened cheese | 300 mg/kg | | Adopted | 2005 |
| 01.6.2.1 | Ripened cheese, includes rind | 300 mg/kg | | Adopted | 2005 |
| 01.6.2.2 | Rind of ripened cheese | 300 mg/kg | | Adopted | 2005 |
| 01.6.4 | Processed cheese | 300 mg/kg | | Adopted | 2005 |
| 01.6.5 | Cheese analogues | 300 mg/kg | | Adopted | 2005 |

RIBOFLAVINS

| Function: | Colour | | | | |
|-----------|--|------------|----------|---------|------|
| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 300 mg/kg | | Adopted | 2005 |
| 02.2.1.3 | Blends of butter and margarine | 300 mg/kg | | Adopted | 2005 |
| 02.2.2 | Emulsions containing less than 80% fat | 300 mg/kg | | Adopted | 2005 |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | 300 mg/kg | | 3 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 300 mg/kg | | Adopted | 2005 |
| 03.0 | Edible ices, including sherbet and sorbet | 500 mg/kg | | Adopted | 2005 |
| 04.1.1.2 | Surface-treated fresh fruit | 300 mg/kg | Note 16 | Adopted | 2005 |
| 04.1.2.3 | Fruit in vinegar, oil, or brine | 300 mg/kg | | 3 | |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | 300 mg/kg | | Adopted | 2005 |
| 04.1.2.5 | Jams, jellies, marmelades | 200 mg/kg | | Adopted | 2005 |
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | 500 mg/kg | | Adopted | 2005 |
| 04.1.2.7 | Candied fruit | 300 mg/kg | | Adopted | 2005 |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 300 mg/kg | | Adopted | 2005 |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 300 mg/kg | | Adopted | 2005 |
| 04.1.2.11 | Fruit fillings for pastries | 300 mg/kg | | Adopted | 2005 |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 300 mg/kg | Note 16 | Adopted | 2005 |
| 04.2.2.2 | Dried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 10 mg/kg | | 6 | |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 500 mg/kg | | Adopted | 2005 |
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 300 mg/kg | | 3 | |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 300 mg/kg | | 3 | |
| 05.1.5 | Imitation chocolate, chocolate substitute products | 1000 mg/kg | | Adopted | 2005 |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 1000 mg/kg | | Adopted | 2005 |
| 05.3 | Chewing gum | 1000 mg/kg | | Adopted | 2005 |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 1000 mg/kg | | Adopted | 2005 |
| 06.3 | Breakfast cereals, including rolled oats | 300 mg/kg | | Adopted | 2005 |
| 06.4.2 | Dried pastas and noodles and like products | 300 mg/kg | | 3 | |

RIBOFLAVINS

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|---------|------|
| 06.4.3 | Pre-cooked pastas and noodles and like products | 300 mg/kg | | Adopted | 2005 |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 300 mg/kg | | Adopted | 2005 |
| 06.6 | Batters (e.g., for breading or batters for fish or poultry) | 300 mg/kg | | Adopted | 2005 |
| 07.1 | Bread and ordinary bakery wares | 300 mg/kg | | 3 | |
| 07.2 | Fine bakery wares (sweet, salty, savoury) and mixes | 300 mg/kg | | Adopted | 2005 |
| 08.0 | Meat and meat products, including poultry and game | 1000 mg/kg | | 6 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 95 | 6 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 300 mg/kg | Note 16 | Adopted | 2005 |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | 300 mg/kg | Note 16 | Adopted | 2005 |
| 09.2.4.1 | Cooked fish and fish products | 300 mg/kg | | 3 | |
| 09.2.4.2 | Cooked mollusks, crustaceans, and echinoderms | 300 mg/kg | | 3 | |
| 09.2.4.3 | Fried fish and fish products, including mollusks, crustaceans, and echinoderms | 300 mg/kg | Note 16 | Adopted | 2005 |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | 300 mg/kg | Note 22 | Adopted | 2005 |
| 09.3.1 | Fish and fish products, including mollusks, crustaceans, and echinoderms, marinated and/or in jelly | 300 mg/kg | Note 16 | Adopted | 2005 |
| 09.3.2 | Fish and fish products, including mollusks, crustaceans, and echinoderms, pickled and/or in brine | 300 mg/kg | Note 16 | Adopted | 2005 |
| 09.3.3 | Salmon substitutes, caviar, and other fish roe products | 300 mg/kg | | Adopted | 2005 |
| 09.3.4 | Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms (e.g., fish paste), excluding products of food categories 09.3.1 - 09.3.3 | 300 mg/kg | | Adopted | 2005 |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | | 6 | |
| 10.1 | Fresh eggs | 300 mg/kg | Note 4 | Adopted | 2005 |
| 10.4 | Egg-based desserts (e.g., custard) | 300 mg/kg | | Adopted | 2005 |
| 11.3 | Sugar solutions and syrups, also (partially) inverted, including treacle and molasses, excluding products of food category 11.1.3 | 300 mg/kg | | Adopted | 2005 |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 300 mg/kg | | Adopted | 2005 |
| 12.2.2 | Seasonings and condiments | 350 mg/kg | | Adopted | 2005 |
| 12.4 | Mustards | 300 mg/kg | | Adopted | 2005 |
| 12.5.1 | Ready-to-eat soups and broths, including canned, bottled, and frozen | 200 mg/kg | | Adopted | 2005 |
| 12.5.2 | Mixes for soups and broths | 150 mg/kg | | Adopted | 2005 |
| 12.6 | Sauces and like products | 350 mg/kg | | Adopted | 2005 |
| 12.7 | Salads (e.g., macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories 04.2.2.5 and 05.1.3 | 300 mg/kg | | Adopted | 2005 |

RIBOFLAVINS

| Function: | Colour | | | | |
|-----------|---|------------|----------|---------|------|
| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
| 12.9.5 | Other protein products | 300 mg/kg | | Adopted | 2005 |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 300 mg/kg | | Adopted | 2005 |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 300 mg/kg | | Adopted | 2005 |
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | 300 mg/kg | | Adopted | 2005 |
| 13.6 | Food supplements | 300 mg/kg | | Adopted | 2005 |
| 14.1.3.2 | Vegetable nectar | 300 mg/kg | | 3 | |
| 14.1.3.4 | Concentrates for vegetable nectar | 300 mg/kg | | 3 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 50 mg/kg | | Adopted | 2005 |
| 14.2.2 | Cider and perry | 300 mg/kg | | Adopted | 2005 |
| 14.2.4 | Wines (other than grape) | 300 mg/kg | | Adopted | 2005 |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 100 mg/kg | | Adopted | 2005 |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 1000 mg/kg | | Adopted | 2005 |
| 15.2 | Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit) | 1000 mg/kg | | Adopted | 2005 |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 300 mg/kg | | 3 | |

SACCHARIN (AND SODIUM, POTASSIUM, CALCIUM SALTS)

Saccharin (and Sodium, Potassium, Calcium Salts) INS: 954

| Function: | Flavour Enhancer, Sweetener | | | | |
|-----------|---|-----------|----------|------|------|
| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 400 mg/kg | | 6 | |
| 01.2.1 | Fermented milks (plain) | 200 mg/kg | | 6 | |
| 01.2.2 | Renneted milk (plain) | 100 mg/kg | | 6 | |
| 01.6.1 | Unripened cheese | 100 mg/kg | | 6 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 200 mg/kg | | 6 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 100 mg/kg | | 6 | |
| 03.0 | Edible ices, including sherbet and sorbet | 300 mg/kg | | 6 | |
| 04.1.2.3 | Fruit in vinegar, oil, or brine | 160 mg/kg | | 6 | |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | 200 mg/kg | | 6 | |
| 04.1.2.5 | Jams, jellies, marmelades | 200 mg/kg | | 6 | |

SACCHARIN (AND SODIUM, POTASSIUM,

Function: Flavour Enhancer, Sweetener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|------|------|
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | 200 mg/kg | | 6 | |
| 04.1.2.7 | Candied fruit | 5000 mg/kg | | 3 | |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 200 mg/kg | | 6 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 100 mg/kg | | 6 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 500 mg/kg | | 6 | |
| 04.2.2.2 | Dried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 500 mg/kg | | 6 | |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 2000 mg/kg | | 6 | |
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 500 mg/kg | | 6 | |
| 04.2.2.5 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed purees and spreads (e.g., peanut butter) | 500 mg/kg | | 6 | |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 500 mg/kg | | 6 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 500 mg/kg | | 6 | |
| 04.2.2.8 | Cooked or fried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 500 mg/kg | | 6 | |
| 05.1 | Cocoa products and chocolate products including imitations and chocolate substitutes | 500 mg/kg | | 6 | |
| 05.2.1 | Hard candy | 3000 mg/kg | | 6 | |
| 05.2.2 | Soft candy | 500 mg/kg | | 6 | |
| 05.2.3 | Nougats and marzipans | 500 mg/kg | | 6 | |
| 05.3 | Chewing gum | 3000 mg/kg | | 6 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 500 mg/kg | | 6 | |
| 06.3 | Breakfast cereals, including rolled oats | 100 mg/kg | | 6 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 100 mg/kg | | 6 | |
| 07.1.3 | Other ordinary bakery products (e.g., bagels, pita, English muffins) | 15 mg/kg | | 6 | |
| 07.2 | Fine bakery wares (sweet, salty, savoury) and mixes | 2000 mg/kg | | 6 | |
| 08.2.1.1 | Cured (including salted) non-heat treated processed meat, poultry, and game products in whole pieces or cuts | 2000 mg/kg | | 6 | |

SACCHARIN (AND SODIUM, POTASSIUM,

Function: Flavour Enhancer, Sweetener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|------|--------------|
| 08.2.2 | Heat-treated processed meat, poultry, and game products in whole pieces or cuts | 500 mg/kg | | 6 | |
| 08.3.2 | Heat-treated processed comminuted meat, poultry, and game products | 500 mg/kg | | 6 | |
| 09.2.4.1 | Cooked fish and fish products | 500 mg/kg | | 6 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | 1200 mg/kg | | 6 | |
| 09.3.1 | Fish and fish products, including mollusks, crustaceans, and echinoderms, marinated and/or in jelly | 160 mg/kg | Note 144 | 6 | |
| 09.3.2 | Fish and fish products, including mollusks, crustaceans, and echinoderms, pickled and/or in brine | 160 mg/kg | Note 144 | 6 | |
| 09.3.3 | Salmon substitutes, caviar, and other fish roe products | 160 mg/kg | | 6 | |
| 09.3.4 | Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms (e.g., fish paste), excluding products of food categories 09.3.1 - 09.3.3 | 1200 mg/kg | Note 144 | 6 | |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 200 mg/kg | | 6 | |
| 10.4 | Egg-based desserts (e.g., custard) | 100 mg/kg | | 6 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 300 mg/kg | | 6 | |
| 11.6 | Table-top sweeteners, including those containing high-intensity sweeteners | 4545 mg/kg | | 6 | |
| 12.3 | Vinegars | 300 mg/kg | | 6 | |
| 12.4 | Mustards | 320 mg/kg | | 6 | |
| 12.5 | Soups and broths | 110 mg/kg | | 6 | |
| 12.6.1 | Emulsified sauces (e.g., mayonnaise, salad dressing) | 500 mg/kg | | 6 | |
| 12.6.2 | Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy) | 160 mg/kg | | 6 | |
| 12.6.3 | Mixes for sauces and gravies | 300 mg/kg | | 6 | |
| 12.6.4 | Clear sauces (e.g., fish sauce) | 160 mg/kg | | 6 | |
| 12.7 | Salads (e.g., macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories 04.2.2.5 and 05.1.3 | 200 mg/kg | | 6 | |
| 12.9.1.3 | Other soybean protein products (including non-fermented soy sauce) | 500 mg/kg | | 6 | |
| 13.1.3 | Formulae for special medical purposes for infants | 200 mg/kg | | 3 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 400 mg/kg | | 6 | |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 300 mg/kg | | 6 | |
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | 500 mg/kg | | 6 | |
| 13.6 | Food supplements | 1200 mg/kg | | 6 | |
| 14.1.2.4 | Concentrates for vegetable juice | 300 mg/kg | | 6 | |
| 14.1.3.1 | Fruit nectar | 80 mg/kg | | | Adopted 2005 |

SACCHARIN (AND SODIUM, POTASSIUM,

Function: Flavour Enhancer, Sweetener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|---------|------|
| 14.1.3.3 | Concentrates for fruit nectar | 80 mg/kg | Note 127 | Adopted | 2005 |
| 14.1.3.4 | Concentrates for vegetable nectar | 300 mg/kg | | 6 | |
| 14.1.4.1 | Carbonated water-based flavoured drinks | 500 mg/kg | | 6 | |
| 14.1.4.2 | Non-carbonated water-based flavoured drinks, including punches and ades | 500 mg/kg | | 6 | |
| 14.1.4.3 | Concentrates (liquid or solid) for water-based flavoured drinks | 2000 mg/kg | | 6 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 200 mg/kg | | 6 | |
| 14.2.1 | Beer and malt beverages | 80 mg/kg | | 6 | |
| 14.2.2 | Cider and perry | 80 mg/kg | | 6 | |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 80 mg/kg | | 6 | |
| 15.0 | Ready-to-eat savouries | 100 mg/kg | | 6 | |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 200 mg/kg | | 6 | |

SALTS OF MYRISTIC, PALMITIC & STEARIC ACIDS (NH₄, Ca, K, Na)SALTS OF MYRISTIC, PALMITIC & STEARIC ACIDS (NH₄, Ca, K, Na) INS: 470i

Function: Anticaking Agent, Emulsifier, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|---------------|------|------|
| 01.1.1.2 | Buttermilk (plain) | GMP | | 7 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 7 | |
| 01.2.2 | Renneted milk (plain) | GMP | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Notes 16 & 71 | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Notes 16 & 71 | 7 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 7 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | Notes 16 & 71 | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | Note 71 | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Notes 16 & 71 | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 71 | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Notes 16 & 71 | 7 | |

SALTS OF MYRISTIC, PALMITIC & STEARIC ACIDS

Function: Anticaking Agent, Emulsifier, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|---------------|---------|------|
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | Notes 16 & 71 | 7 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 10.2.1 | Liquid egg products | GMP | | 7 | |
| 10.2.2 | Frozen egg products | GMP | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | Note 71 | 7 | |
| 12.1.1 | Salt | GMP | Note 71 | Adopted | 2006 |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |

SALTS OF OLEIC ACID (Ca, K, Na)

SALTS OF OLEIC ACID (Ca, K, Na) INS: 470ii

Function: Anticaking Agent, Emulsifier, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|------|------|
| 01.1.1.2 | Buttermilk (plain) | GMP | | 7 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 7 | |
| 01.2.2 | Renneted milk (plain) | GMP | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Note 16 | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 16 | 7 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | Note 16 | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 7 | |

SALTS OF OLEIC ACID (Ca, K, Na)

Function: Anticaking Agent, Emulsifier, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|----------|------|------|
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |

SHELLAC

Shellac INS: 904

Function: Bulking Agent, Glazing Agent, Release Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|---------|------|
| 04.1.1.2 | Surface-treated fresh fruit | GMP | | Adopted | 2003 |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 79 | Adopted | 2003 |
| 05.1.4 | Cocoa and chocolate products | GMP | Note 3 | Adopted | 2001 |
| 05.1.5 | Imitation chocolate, chocolate substitute products | GMP | Note 3 | Adopted | 2001 |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | GMP | Note 3 | Adopted | 2001 |
| 05.3 | Chewing gum | GMP | Note 3 | Adopted | 2003 |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | GMP | | Adopted | 2003 |
| 07.2 | Fine bakery wares (sweet, salty, savoury) and mixes | GMP | Note 3 | Adopted | 2001 |
| 13.6 | Food supplements | GMP | Note 3 | Adopted | 2001 |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | Note 108 | Adopted | 2001 |
| 15.0 | Ready-to-eat savouries | GMP | Note 3 | Adopted | 2001 |

SILICON DIOXIDE (AMORPHOUS)

Silicon Dioxide (Amorphous) INS: 551

Function: Anticaking Agent, Filter Aid

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|---------|------|
| 01.8.2 | Dried whey and whey products, excluding whey cheeses | 10000 mg/kg | | Adopted | 2006 |
| 02.2.1.2 | Margarine and similar products | 10 mg/kg | | 4 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 4 | |
| 06.2 | Flours and starches (including soybean powder) | GMP | | 4 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 11.1.2 | Powdered sugar, powdered dextrose | 15000 mg/kg | Note 56 | Adopted | 2006 |

SILICON DIOXIDE (AMORPHOUS)

Function: Anticaking Agent, Filter Aid

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|---------|------|
| 12.1.1 | Salt | GMP | | Adopted | 2006 |
| 12.1.2 | Salt Substitutes | 10000 mg/kg | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 4 | |
| 13.1.3 | Formulae for special medical purposes for infants | 10000 mg/kg | Note 65 | 4 | |
| 13.2 | Complementary foods for infants and young children | 10000 mg/kg | Note 65 | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 15000 mg/kg | Note 2 | 4 | |

SODIUM ACETATE

Sodium Acetate

INS: 262i

Function: Acidity Regulator, Preservative, Sequestrant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|------|------|
| 02.1.2 | Vegetable oils and fats | 5000 mg/kg | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 5000 mg/kg | | 7 | |
| 04.2.1 | Fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 4 | |
| 06.1 | Whole, broken, or flaked grain, including rice | 6000 mg/kg | | 7 | |
| 06.2 | Flours and starches (including soybean powder) | 6000 mg/kg | | 7 | |
| 06.4.1 | Fresh pastas and noodles and like products | GMP | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | 6000 mg/kg | | 7 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | | 7 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 10.2.1 | Liquid egg products | GMP | | 7 | |
| 10.2.2 | Frozen egg products | GMP | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 4 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 4 | |
| 13.1.3 | Formulae for special medical purposes for infants | GMP | | 4 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 4 | |

SODIUM ALGINATE

SODIUM ALGINATE

Sodium Alginate

INS: 401

Function: Bulking Agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|---------------|------|------|
| 01.1.1.1 | Milk (plain) | GMP | | 4 | |
| 01.1.1.2 | Buttermilk (plain) | 6000 mg/kg | | 7 | |
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | GMP | | 4 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | 5000 mg/kg | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | 1000 mg/kg | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | 5000 mg/kg | | 7 | |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | | 7 | |
| 04.1.1.3 | Peeled or cut fresh fruit | GMP | | 4 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 4 | |
| 06.4.1 | Fresh pastas and noodles and like products | GMP | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 7 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | 15000 mg/kg | | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | 8000 mg/kg | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 5000 mg/kg | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Notes 41 & 99 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 10.2.1 | Liquid egg products | GMP | | 4 | |
| 10.2.2 | Frozen egg products | GMP | | 4 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 10000 mg/kg | | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | 1000 mg/kg | | 4 | |
| 13.2 | Complementary foods for infants and young children | 5000 mg/kg | | 7 | |

SODIUM ALGINATE

Function: Bulking Agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|----------|------|------|
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 4 | |

SODIUM ALUMINIUM PHOSPHATES

Sodium Aluminium Phosphate-Acidic

INS: 541i

Sodium Aluminium Phosphate-Basic

INS: 541ii

Function: Acidity Regulator, Emulsifier, Raising Agent, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|--------------|------|------|
| 01.6.1 | Unripened cheese | 670 mg/kg | Note 6 | 4 | |
| 01.6.4 | Processed cheese | 35000 mg/kg | Note 29 | 7 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 2000 mg/kg | Note 6 | 7 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 2000 mg/kg | Note 6 | 7 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 2000 mg/kg | Note 6 | 7 | |
| 05.1.1 | Cocoa mixes (powders) and cocoa mass/cake | 2000 mg/kg | Notes 6 & 72 | 7 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 350 mg/kg | Note 29 | 4 | |
| 06.2.1 | Flours | 45000 mg/kg | Note 29 | 7 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 2000 mg/kg | Note 6 | 7 | |
| 06.6 | Batters (e.g., for breading or batters for fish or poultry) | 1600 mg/kg | Note 6 | 7 | |
| 07.1 | Bread and ordinary bakery wares | 2000 mg/kg | Note 6 | 7 | |
| 07.2.1 | Cakes, cookies and pies (e.g., fruit-filled or custard types) | 2000 mg/kg | Note 6 | 7 | |
| 07.2.2 | Other fine bakery products (e.g., doughnuts, sweet rolls, scones, and muffins) | 2000 mg/kg | Note 6 | 7 | |
| 07.2.3 | Mixes for fine bakery wares (e.g., cakes, pancakes) | 15300 mg/kg | Note 29 | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 190 mg/kg | Notes 6 & 41 | 7 | |
| 10.4 | Egg-based desserts (e.g., custard) | 2000 mg/kg | Note 6 | 7 | |
| 12.5.2 | Mixes for soups and broths | 2000 mg/kg | Note 6 | 7 | |
| 12.6.3 | Mixes for sauces and gravies | 2000 mg/kg | Note 6 | 7 | |
| 14.1.4.3 | Concentrates (liquid or solid) for water-based flavoured drinks | 2000 mg/kg | Note 6 | 7 | |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 190 mg/kg | Note 6 | 7 | |

SODIUM ALUMINOSILICATE

Sodium Aluminosilicate

INS: 554

SODIUM ALUMINOSILICATE

Function: Anticaking Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|---------|------|
| 01.8.2 | Dried whey and whey products, excluding whey cheeses | 10000 mg/kg | | Adopted | 2006 |
| 06.1 | Whole, broken, or flaked grain, including rice | GMP | | 7 | |
| 11.1.2 | Powdered sugar, powdered dextrose | 15000 mg/kg | Note 56 | Adopted | 2006 |
| 12.1.1 | Salt | GMP | | Adopted | 2006 |
| 12.1.2 | Salt Substitutes | 10000 mg/kg | | 7 | |

SODIUM ASCORBATE

Sodium Ascorbate

INS: 301

Function: Antioxidant, Colour Retention Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|------|------|
| 02.1.2 | Vegetable oils and fats | 200 mg/kg | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 200 mg/kg | | 7 | |
| 04.1.1 | Fresh fruit | GMP | | 7 | |
| 04.2.1.3 | Peeled, cut or shredded fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 4 | |
| 06.2 | Flours and starches (including soybean powder) | GMP | | 4 | |
| 06.2.1 | Flours | 300 mg/kg | | 7 | |
| 06.4.1 | Fresh pastas and noodles and like products | 200 mg/kg | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | 200 mg/kg | | 4 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | 500 mg/kg | | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | 200 mg/kg | | 7 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 1000 mg/kg | Note 70 | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | 200 mg/kg | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 4 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 4 | |

SODIUM ASCORBATE

Function: Antioxidant, Colour Retention Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|---------------|---------|------|
| 13.1.2 | Follow-up formulae | 50 mg/kg | Notes 70 & 72 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | 3000 mg/kg | | 4 | |
| 13.2 | Complementary foods for infants and young children | 3000 mg/kg | | 7 | |
| 14.1.2.1 | Fruit juice | GMP | | Adopted | 2005 |
| 14.1.2.3 | Concentrates for fruit juice | GMP | Note 127 | Adopted | 2005 |
| 14.1.3.1 | Fruit nectar | GMP | | Adopted | 2005 |
| 14.1.3.3 | Concentrates for fruit nectar | GMP | Note 127 | Adopted | 2005 |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 4 | |
| 14.2.3 | Grape wines | 200 mg/kg | | 7 | |

SODIUM CARBONATE

Sodium Carbonate

INS: 500i

Function: Acidity Regulator, Anticaking Agent, Raising Agent, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|---------|------|
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 4 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 01.8.2 | Dried whey and whey products, excluding whey cheeses | GMP | | Adopted | 2006 |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 02.2.1.1 | Butter and concentrated butter | GMP | | Adopted | 2006 |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 4 | |
| 06.2 | Flours and starches (including soybean powder) | GMP | | 4 | |
| 06.4.1 | Fresh pastas and noodles and like products | GMP | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | 2600 mg/kg | | 7 | |
| 08.1 | Fresh meat, poultry, and game | GMP | | 4 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | | 7 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 41 | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 4 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 4 | |

SODIUM CARBONATE

Function: Acidity Regulator, Anticaking Agent, Raising Agent, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|----------|------|------|
| 13.1.1 | Infant formulae | GMP | Note 72 | 7 | |
| 13.1.2 | Follow-up formulae | GMP | Note 72 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | GMP | | 4 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |

SODIUM CARBOXYMETHYL CELLULOSE

Sodium Carboxymethyl Cellulose INS: 466

Function: Bulking Agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|---------------|------|------|
| 01.1.1.1 | Milk (plain) | GMP | | 4 | |
| 01.1.1.2 | Buttermilk (plain) | 2000 mg/kg | | 7 | |
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | GMP | | 4 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | 5000 mg/kg | | 7 | |
| 01.2.2 | Renneted milk (plain) | GMP | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | 5000 mg/kg | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | 5000 mg/kg | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Note 16 | 7 | |
| 04.1.1.3 | Peeled or cut fresh fruit | GMP | | 4 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 16 | 7 | |
| 04.2.1.3 | Peeled, cut or shredded fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 4 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 4 | |
| 06.4.1 | Fresh pastas and noodles and like products | 50000 mg/kg | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | 50000 mg/kg | | 4 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | 15000 mg/kg | | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Notes 41 & 61 | 7 | |

SODIUM CARBOXYMETHYL CELLULOSE

Function: Bulking Agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|------|------|
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 10.2.1 | Liquid egg products | GMP | | 4 | |
| 10.2.2 | Frozen egg products | GMP | | 4 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 5000 mg/kg | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | 10000 mg/kg | | 4 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 4 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |

SODIUM DIACETATE

Sodium Diacetate

INS: 262ii

Function: Acidity Regulator, Preservative, Sequestrant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|------|------|
| 02.1.2 | Vegetable oils and fats | 1000 mg/kg | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 1000 mg/kg | | 7 | |
| 02.2.1.3 | Blends of butter and margarine | GMP | | 7 | |
| 02.2.2 | Emulsions containing less than 80% fat | GMP | | 7 | |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | GMP | | 7 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | GMP | | 7 | |
| 04.1.2.3 | Fruit in vinegar, oil, or brine | GMP | | 7 | |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | GMP | | 7 | |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | GMP | | 7 | |
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | GMP | | 7 | |
| 05.1.3 | Cocoa-based spreads, including fillings | GMP | | 4 | |
| 05.1.5 | Imitation chocolate, chocolate substitute products | GMP | | 4 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 3000 mg/kg | | 7 | |

SODIUM DIACETATE

Function: Acidity Regulator, Preservative, Sequestrant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|------|------|
| 06.4.2 | Dried pastas and noodles and like products | 3000 mg/kg | | 7 | |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 3000 mg/kg | | 7 | |
| 07.0 | Bakery wares | 4000 mg/kg | | 7 | |
| 08.2 | Processed meat, poultry, and game products in whole pieces or cuts | 1000 mg/kg | | 7 | |
| 08.3 | Processed comminuted meat, poultry, and game products | 1000 mg/kg | | 7 | |
| 09.2.4.1 | Cooked fish and fish products | 3000 mg/kg | | 7 | |
| 10.2 | Egg products | 1000 mg/kg | | 7 | |
| 10.3 | Preserved eggs, including alkaline, salted, and canned eggs | 1000 mg/kg | | 7 | |
| 10.4 | Egg-based desserts (e.g., custard) | 2000 mg/kg | | 7 | |
| 12.5 | Soups and broths | 500 mg/kg | | 7 | |
| 12.6 | Sauces and like products | 2500 mg/kg | | 7 | |
| 12.7 | Salads (e.g., macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories 04.2.2.5 and 05.1.3 | 3000 mg/kg | | 7 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 150 mg/kg | | 7 | |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 500 mg/kg | | 7 | |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 3000 mg/kg | | 7 | |

SODIUM DIHYDROGEN CITRATE

Sodium Dihydrogen Citrate

INS: 331i

Function: Acidity Regulator, Antioxidant, Emulsifier, Sequestrant, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|----------|---------|------|
| 01.1.1.2 | Buttermilk (plain) | GMP | | 7 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 7 | |
| 01.2.2 | Renneted milk (plain) | GMP | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 01.8.2 | Dried whey and whey products, excluding whey cheeses | GMP | | Adopted | 2006 |
| 02.1.1 | Butter oil, anhydrous milkfat, ghee | GMP | | Adopted | 2006 |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 02.2.1.2 | Margarine and similar products | GMP | | 4 | |

SODIUM DIHYDROGEN CITRATE

Function: Acidity Regulator, Antioxidant, Emulsifier, Sequestrant, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|------|------|
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Note 16 | 7 | |
| 04.2.1 | Fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | Note 16 | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 61 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 10.2.1 | Liquid egg products | GMP | | 7 | |
| 10.2.2 | Frozen egg products | GMP | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 13.1.1 | Infant formulae | GMP | Note 72 | 4 | |
| 13.1.2 | Follow-up formulae | GMP | Note 72 | 4 | |
| 13.1.3 | Formulae for special medical purposes for infants | 2000 mg/kg | | 4 | |
| 13.2 | Complementary foods for infants and young children | 5000 mg/kg | | 4 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |

SODIUM ERYTHORBATE

Sodium Erythorbate

INS: 316

Function: Antioxidant, Colour Retention Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|------|------|
| 02.1.2 | Vegetable oils and fats | 100 mg/kg | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 100 mg/kg | | 7 | |
| 04.1.1.3 | Peeled or cut fresh fruit | GMP | | 7 | |

SODIUM ERYTHORBATE

Function: Antioxidant, Colour Retention Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|------|------|
| 04.2.1.3 | Peeled, cut or shredded fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 4 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 1500 mg/kg | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |
| 14.2.3 | Grape wines | GMP | | 7 | |

SODIUM FUMARATE

Sodium Fumarate

INS: 365

Function: Acidity Regulator

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|------|------|
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 4 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 12.1.2 | Salt Substitutes | GMP | | 4 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 4 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 4 | |

SODIUM GLUCONATE

Sodium Gluconate

INS: 576

Function: Sequestrant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|------|------|
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 4 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |

SODIUM GLUCONATE

Function: Sequestrant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|----------|------|------|
| 12.1.2 | Salt Substitutes | GMP | | 4 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 4 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 4 | |

SODIUM HYDROGEN CARBONATE

Sodium Hydrogen Carbonate INS: 500ii

Function: Acidity Regulator, Anticaking Agent, Raising Agent, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|---------|------|
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 4 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 01.8.2 | Dried whey and whey products, excluding whey cheeses | GMP | | Adopted | 2006 |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 1000 mg/kg | | 7 | |
| 02.2.1.1 | Butter and concentrated butter | GMP | | Adopted | 2006 |
| 06.2.1 | Flours | 45000 mg/kg | | 7 | |
| 06.4.1 | Fresh pastas and noodles and like products | GMP | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 4 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 41 | 7 | |
| 13.1.1 | Infant formulae | GMP | Note 72 | 7 | |
| 13.1.2 | Follow-up formulae | GMP | Note 72 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | GMP | | 4 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |

SODIUM HYDROXIDE

Sodium Hydroxide INS: 524

Function: Acidity Regulator

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|----------|---------|------|
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 4 | |
| 01.8.2 | Dried whey and whey products, excluding whey cheeses | GMP | | Adopted | 2006 |

SODIUM HYDROXIDE

Function: Acidity Regulator

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|---------|------|
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 02.2.1.1 | Butter and concentrated butter | GMP | | Adopted | 2006 |
| 06.2.2 | Starches | GMP | | 7 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | | 7 | |
| 13.1.1 | Infant formulae | GMP | Note 72 | 7 | |
| 13.1.2 | Follow-up formulae | GMP | Note 72 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | GMP | | 4 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |

SODIUM LACTATE

Sodium Lactate

INS: 325

Function: Acidity Regulator, Antioxidant, Bulking Agent, Emulsifier, Humectant, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 01.1.1.2 | Buttermilk (plain) | GMP | | 7 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 02.2.1.2 | Margarine and similar products | GMP | | 4 | |
| 04.2.1 | Fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 4 | |
| 06.4.1 | Fresh pastas and noodles and like products | 2400 mg/kg | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | 2400 mg/kg | | 4 | |
| 08.1 | Fresh meat, poultry, and game | 20000 mg/kg | | 7 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 10.2.1 | Liquid egg products | GMP | | 7 | |
| 10.2.2 | Frozen egg products | GMP | | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | GMP | | 4 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |

SODIUM LACTATE

Function: Acidity Regulator, Antioxidant, Bulking Agent, Emulsifier, Humectant, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|----------|------|------|
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 4 | |

SODIUM MALATE

Sodium Malate INS: 350ii

Function: Acidity Regulator, Humectant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|------|------|
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 4 | |
| 06.4.1 | Fresh pastas and noodles and like products | GMP | | 4 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 4 | |
| 12.1.2 | Salt Substitutes | GMP | | 4 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 4 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 4 | |

SODIUM PROPIONATE

Sodium Propionate INS: 281

Function: Preservative

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---------------------|------------|----------|---------|------|
| 01.6.6 | Whey protein cheese | 3000 mg/kg | Note 70 | Adopted | 2006 |

SODIUM SESQUICARBONATE

Sodium Sesquicarbonate INS: 500iii

Function: Acidity Regulator, Anticaking Agent, Raising Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|---------|------|
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 01.8.2 | Dried whey and whey products, excluding whey cheeses | GMP | | Adopted | 2006 |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 41 | 7 | |

SORBATES

SORBATES

| | | | |
|-------------------|----------|-----------------|----------|
| Sorbic Acid | INS: 200 | Sodium Sorbate | INS: 201 |
| Potassium Sorbate | INS: 202 | Calcium Sorbate | INS: 203 |

Function: Antioxidant, Preservative, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|---------|------|
| 01.1.1 | Milk and buttermilk (plain) | 1000 mg/kg | Note 42 | 7 | |
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 300 mg/kg | Note 42 | 7 | |
| 01.2.1 | Fermented milks (plain) | 300 mg/kg | Note 42 | 7 | |
| 01.2.2 | Renneted milk (plain) | 1000 mg/kg | Note 42 | 7 | |
| 01.3.2 | Beverage whiteners | 200 mg/kg | Note 42 | 7 | |
| 01.6.1 | Unripened cheese | 3000 mg/kg | Note 42 | 7 | |
| 01.6.2 | Ripened cheese | 3000 mg/kg | Note 42 | 7 | |
| 01.6.3 | Whey cheese | 1000 mg/kg | Note 42 | Adopted | 2006 |
| 01.6.4 | Processed cheese | 3000 mg/kg | Note 42 | 7 | |
| 01.6.5 | Cheese analogues | 3000 mg/kg | Note 42 | 7 | |
| 01.6.6 | Whey protein cheese | 3000 mg/kg | Note 42 | Adopted | 2006 |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 1000 mg/kg | Note 42 | 7 | |
| 02.2.1.2 | Margarine and similar products | 1000 mg/kg | Note 42 | 7 | |
| 02.2.1.3 | Blends of butter and margarine | 1000 mg/kg | Note 42 | 7 | |
| 02.2.2 | Emulsions containing less than 80% fat | 2000 mg/kg | Note 42 | 7 | |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | 1000 mg/kg | Note 42 | 7 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 1000 mg/kg | Note 42 | 7 | |
| 03.0 | Edible ices, including sherbet and sorbet | 1000 mg/kg | Note 42 | 7 | |
| 04.1.1 | Fresh fruit | 1000 mg/kg | Note 42 | 7 | |
| 04.1.2.1 | Frozen fruit | 1000 mg/kg | Note 42 | 7 | |
| 04.1.2.2 | Dried fruit | 2000 mg/kg | Note 42 | 7 | |
| 04.1.2.3 | Fruit in vinegar, oil, or brine | 2000 mg/kg | Note 42 | 7 | |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | 1000 mg/kg | Note 42 | 7 | |
| 04.1.2.5 | Jams, jellies, marmelades | 1000 mg/kg | Note 42 | 7 | |
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | 1000 mg/kg | Note 42 | 7 | |
| 04.1.2.7 | Candied fruit | 1000 mg/kg | Note 42 | 7 | |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 1500 mg/kg | Note 42 | 7 | |

SORBATES

Function: Antioxidant, Preservative, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|------|------|
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 1000 mg/kg | Note 42 | 7 | |
| 04.1.2.10 | Fermented fruit products | 1000 mg/kg | Note 42 | 7 | |
| 04.1.2.11 | Fruit fillings for pastries | 1000 mg/kg | Note 42 | 7 | |
| 04.1.2.12 | Cooked fruit | 1200 mg/kg | Note 42 | 7 | |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 2000 mg/kg | Note 42 | 7 | |
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 1000 mg/kg | Note 42 | 7 | |
| 04.2.2.5 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed purees and spreads (e.g., peanut butter) | 2000 mg/kg | Note 42 | 7 | |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 2000 mg/kg | Note 42 | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 1000 mg/kg | Note 42 | 7 | |
| 04.2.2.8 | Cooked or fried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 2000 mg/kg | Note 42 | 7 | |
| 05.1.1 | Cocoa mixes (powders) and cocoa mass/cake | 1500 mg/kg | Note 42 | 7 | |
| 05.1.2 | Cocoa mixes (syrops) | 1000 mg/kg | Note 42 | 7 | |
| 05.1.3 | Cocoa-based spreads, including fillings | 1500 mg/kg | Note 42 | 7 | |
| 05.1.4 | Cocoa and chocolate products | 1000 mg/kg | Note 42 | 7 | |
| 05.1.5 | Imitation chocolate, chocolate substitute products | 1500 mg/kg | Note 42 | 7 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 2000 mg/kg | Note 42 | 7 | |
| 05.3 | Chewing gum | 1500 mg/kg | Note 42 | 7 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 1000 mg/kg | Note 42 | 7 | |
| 06.2 | Flours and starches (including soybean powder) | 1000 mg/kg | Note 42 | 7 | |
| 06.4.2 | Dried pastas and noodles and like products | 2000 mg/kg | Note 42 | 7 | |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 2000 mg/kg | Note 42 | 7 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 1000 mg/kg | Note 42 | 7 | |
| 06.6 | Batters (e.g., for breading or batters for fish or poultry) | 2000 mg/kg | Note 42 | 7 | |
| 07.0 | Bakery wares | 2000 mg/kg | Note 42 | 7 | |
| 08.2 | Processed meat, poultry, and game products in whole pieces or cuts | 2000 mg/kg | Note 42 | 7 | |
| 08.3 | Processed comminuted meat, poultry, and game products | 2000 mg/kg | Note 42 | 7 | |

SORBATES

Function: Antioxidant, Preservative, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|---------------|------|------|
| 08.4 | Edible casings (e.g., sausage casings) | GMP | Note 42 | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 2000 mg/kg | Note 42 | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 2000 mg/kg | Note 42 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | 2000 mg/kg | Note 42 | 7 | |
| 09.2.4.1 | Cooked fish and fish products | 2000 mg/kg | Note 42 | 7 | |
| 09.2.4.2 | Cooked mollusks, crustaceans, and echinoderms | 2000 mg/kg | Notes 42 & 82 | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | 2000 mg/kg | Note 42 | 7 | |
| 09.3 | Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms | 2000 mg/kg | Note 42 | 7 | |
| 10.2.1 | Liquid egg products | 5000 mg/kg | Note 42 | 7 | |
| 10.2.2 | Frozen egg products | 1000 mg/kg | Note 42 | 7 | |
| 10.2.3 | Dried and/or heat coagulated egg products | 1000 mg/kg | Note 42 | 7 | |
| 10.4 | Egg-based desserts (e.g., custard) | 1000 mg/kg | Note 42 | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 1000 mg/kg | Note 42 | 7 | |
| 11.6 | Table-top sweeteners, including those containing high-intensity sweeteners | 1000 mg/kg | Note 42 | 7 | |
| 12.2 | Herbs, spices, seasonings and condiments (e.g., seasoning for instant noodles) | 1000 mg/kg | Note 42 | 7 | |
| 12.3 | Vinegars | 1000 mg/kg | Note 42 | 7 | |
| 12.4 | Mustards | 1500 mg/kg | Note 42 | 7 | |
| 12.5 | Soups and broths | 1000 mg/kg | Note 42 | 7 | |
| 12.6.1 | Emulsified sauces (e.g., mayonnaise, salad dressing) | 3350 mg/kg | Note 42 | 7 | |
| 12.6.2 | Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy) | 2000 mg/kg | Note 42 | 7 | |
| 12.6.3 | Mixes for sauces and gravies | 2000 mg/kg | Note 42 | 7 | |
| 12.6.4 | Clear sauces (e.g., fish sauce) | 2000 mg/kg | Note 42 | 7 | |
| 12.7 | Salads (e.g., macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories 04.2.2.5 and 05.1.3 | 1500 mg/kg | Note 42 | 7 | |
| 12.9.1.3 | Other soybean protein products (including non-fermented soy sauce) | 1000 mg/kg | Note 42 | 7 | |
| 12.10.3 | Fermented soybean paste (e.g., miso) | 1000 mg/kg | Note 42 | 7 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 1500 mg/kg | Note 42 | 7 | |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 1500 mg/kg | Note 42 | 7 | |
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | 2000 mg/kg | Note 42 | 7 | |
| 13.6 | Food supplements | 2000 mg/kg | Note 42 | 7 | |

SORBATES

Function: Antioxidant, Preservative, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|-------------------------|---------|------|
| 14.1.2.1 | Fruit juice | 1000 mg/kg | Notes 42, 91 & 122 | Adopted | 2005 |
| 14.1.2.2 | Vegetable juice | 1000 mg/kg | Note 42 | 7 | |
| 14.1.2.3 | Concentrates for fruit juice | 1000 mg/kg | Notes 42, 91, 122 & 127 | Adopted | 2005 |
| 14.1.2.4 | Concentrates for vegetable juice | 1000 mg/kg | Note 42 | 7 | |
| 14.1.3.1 | Fruit nectar | 1000 mg/kg | Notes 42, 91 & 122 | Adopted | 2005 |
| 14.1.3.2 | Vegetable nectar | 1000 mg/kg | Note 42 | 7 | |
| 14.1.3.3 | Concentrates for fruit nectar | 1000 mg/kg | Notes 42, 91, 122 & 127 | Adopted | 2005 |
| 14.1.3.4 | Concentrates for vegetable nectar | 1000 mg/kg | Note 42 | 7 | |
| 14.1.4.1 | Carbonated water-based flavoured drinks | 1000 mg/kg | Note 42 | 7 | |
| 14.1.4.2 | Non-carbonated water-based flavoured drinks, including punches and ades | 1000 mg/kg | Note 42 | 7 | |
| 14.1.4.3 | Concentrates (liquid or solid) for water-based flavoured drinks | 1500 mg/kg | Note 42 | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 1000 mg/kg | Note 42 | 7 | |
| 14.2.1 | Beer and malt beverages | 500 mg/kg | Note 42 | 7 | |
| 14.2.2 | Cider and perry | 1000 mg/kg | Note 42 | 7 | |
| 14.2.3 | Grape wines | 2000 mg/kg | Note 42 | 7 | |
| 14.2.4 | Wines (other than grape) | 1000 mg/kg | Note 42 | 7 | |
| 14.2.5 | Mead | 1000 mg/kg | Note 42 | 7 | |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | 600 mg/kg | Note 42 | 7 | |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 500 mg/kg | Note 42 | 7 | |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 1000 mg/kg | Note 42 | 7 | |
| 15.2 | Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit) | 1000 mg/kg | Note 42 | 7 | |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 1000 mg/kg | Note 42 | 7 | |

SORBITAN ESTERS OF FATTY ACIDS

| | | | |
|------------------------|----------|----------------------|----------|
| Sorbitan Monostearate | INS: 491 | Sorbitan Tristearate | INS: 492 |
| Sorbitan Monolaurate | INS: 493 | Sorbitan Monooleate | INS: 494 |
| Sorbitan Monopalmitate | INS: 495 | | |

Function: Emulsifier, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--------------|----------|----------|------|------|
|-----------|--------------|----------|----------|------|------|

SORBITAN ESTERS OF FATTY ACIDS

Function: Emulsifier, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 5000 mg/kg | | 7 | |
| 01.3.2 | Beverage whiteners | 5000 mg/kg | | 7 | |
| 01.4.4 | Cream analogues | 5000 mg/kg | | 7 | |
| 01.5.2 | Milk and cream powder analogues | 4000 mg/kg | | 7 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 5000 mg/kg | | 7 | |
| 02.1.2 | Vegetable oils and fats | 10000 mg/kg | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 10000 mg/kg | | 7 | |
| 02.2.1.2 | Margarine and similar products | 10000 mg/kg | | 7 | |
| 02.2.1.3 | Blends of butter and margarine | 20000 mg/kg | | 7 | |
| 02.2.2 | Emulsions containing less than 80% fat | 20000 mg/kg | | 7 | |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | 10000 mg/kg | | 7 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 10000 mg/kg | | 7 | |
| 03.0 | Edible ices, including sherbet and sorbet | 1200 mg/kg | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | 5000 mg/kg | Note 16 | 4 | |
| 04.1.2.5 | Jams, jellies, marmelades | 25 mg/kg | | 7 | |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 5000 mg/kg | | 7 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 5000 mg/kg | | 7 | |
| 04.1.2.11 | Fruit fillings for pastries | 10000 mg/kg | | 7 | |
| 04.2.2.2 | Dried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 5000 mg/kg | | 7 | |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 5000 mg/kg | | 7 | |
| 05.0 | Confectionery | 20000 mg/kg | | 7 | |
| 06.4.2 | Dried pastas and noodles and like products | 5000 mg/kg | Note 11 | 4 | |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 5000 mg/kg | Note 11 | 4 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 5000 mg/kg | | 7 | |
| 07.1.1 | Breads and rolls | 10000 mg/kg | | 7 | |
| 07.1.2 | Crackers, excluding sweet crackers | 5000 mg/kg | Note 11 | 7 | |
| 07.1.3 | Other ordinary bakery products (e.g., bagels, pita, English muffins) | 10000 mg/kg | Note 11 | 7 | |
| 07.1.4 | Bread-type products, including bread stuffing and bread crumbs | 5000 mg/kg | Note 11 | 7 | |

SORBITAN ESTERS OF FATTY ACIDS

Function: Emulsifier, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 07.1.5 | Steamed breads and buns | 5000 mg/kg | Note 11 | 7 | |
| 07.1.6 | Mixes for bread and ordinary bakery wares | 5000 mg/kg | Note 11 | 7 | |
| 07.2 | Fine bakery wares (sweet, salty, savoury) and mixes | 10000 mg/kg | | 7 | |
| 08.4 | Edible casings (e.g., sausage casings) | 3500 mg/kg | | 7 | |
| 09.2.4.3 | Fried fish and fish products, including mollusks, crustaceans, and echinoderms | 1000 mg/kg | | 4 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | 100 mg/kg | | 4 | |
| 10.2 | Egg products | 500 mg/kg | | 7 | |
| 10.4 | Egg-based desserts (e.g., custard) | 5000 mg/kg | | 7 | |
| 12.5.2 | Mixes for soups and broths | 250 mg/kg | Note 127 | 7 | |
| 12.6.1 | Emulsified sauces (e.g., mayonnaise, salad dressing) | 10000 mg/kg | | 7 | |
| 12.6.2 | Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy) | 4000 mg/kg | | 7 | |
| 12.6.3 | Mixes for sauces and gravies | 5000 mg/kg | | 7 | |
| 12.8 | Yeast and like products | 15000 mg/kg | Note 104 | 7 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 5000 mg/kg | | 7 | |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 5000 mg/kg | | 7 | |
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | 5000 mg/kg | | 4 | |
| 13.6 | Food supplements | 20000 mg/kg | | 4 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 5000 mg/kg | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 5000 mg/kg | | 7 | |
| 14.2.3 | Grape wines | 1000 mg/kg | | 4 | |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 5000 mg/kg | | 4 | |

SORBITOL (INCLUDING SORBITOL SYRUP)

Sorbitol and Sorbitol Syrup

INS: 420

Function: Bulking Agent, Emulsifier, Humectant, Sequestrant, Stabilizer, Sweetener, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|--------------|----------|------|------|
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 7 | |
| 01.2.2 | Renneted milk (plain) | GMP | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | 200000 mg/kg | | 4 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | 200000 mg/kg | | 4 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Note 16 | 7 | |

SORBITOL (INCLUDING SORBITOL SYRUP)

Function: Bulking Agent, Emulsifier, Humectant, Sequestrant, Stabilizer, Sweetener, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 16 | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 70000 mg/kg | | 4 | |
| 06.4.1 | Fresh pastas and noodles and like products | 35000 mg/kg | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 7 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | Note 16 | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | 5000 mg/kg | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2 | Processed fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | | 4 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.4.1 | Cooked fish and fish products | 35000 mg/kg | | 7 | |
| 09.2.4.2 | Cooked mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.4.3 | Fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 10.2.2 | Frozen egg products | GMP | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 4 | |

STANNOUS CHLORIDE

Stannous Chloride

INS: 512

Function: Antioxidant, Colour Retention Agent, Preservative, Sequestrant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|---------|------|
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | 20 mg/kg | Note 43 | Adopted | 2001 |
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 25 mg/kg | Note 43 | Adopted | 2001 |

STANNOUS CHLORIDE

Function: Antioxidant, Colour Retention Agent, Preservative, Sequestrant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|----------|---------|------|
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 20 mg/kg | Note 43 | Adopted | 2001 |

STARCH ACETATE

Starch Acetate INS: 1420

Function: Binder, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | GMP | | 4 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 41 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | 50000 mg/kg | | 4 | |
| 13.2 | Complementary foods for infants and young children | 50000 mg/kg | | 7 | |

STARCH SODIUM OCTENYL SUCCINATE

Starch Sodium Octenyl Succinate INS: 1450

Function: Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | GMP | | 4 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | 20000 mg/kg | | 4 | |
| 13.2 | Complementary foods for infants and young children | 50000 mg/kg | | 7 | |

STEAROYL-2-LACTYLATES

Sodium Stearoyl Lactylate INS: 481i Calcium Stearoyl Lactylate INS: 482i

Function: Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--------------|----------|----------|------|------|
|-----------|--------------|----------|----------|------|------|

STEAROYL-2-LACTYLATES

Function: Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 5000 mg/kg | | 7 | |
| 01.3.2 | Beverage whiteners | 5000 mg/kg | | 7 | |
| 01.4.4 | Cream analogues | 10000 mg/kg | Note 2 | 7 | |
| 01.5.1 | Milk powder and cream powder (plain) | 2000 mg/kg | | 7 | |
| 01.6.5 | Cheese analogues | 2000 mg/kg | | 7 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 5000 mg/kg | | 7 | |
| 02.1.2 | Vegetable oils and fats | 3000 mg/kg | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 3000 mg/kg | | 7 | |
| 02.2.1.3 | Blends of butter and margarine | 10000 mg/kg | | 7 | |
| 02.2.2 | Emulsions containing less than 80% fat | 10000 mg/kg | | 7 | |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | 20000 mg/kg | | 7 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 5000 mg/kg | | 7 | |
| 03.0 | Edible ices, including sherbet and sorbet | 5000 mg/kg | Note 15 | 7 | |
| 04.1.2.7 | Candied fruit | 2000 mg/kg | | 7 | |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 200 mg/kg | | 7 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 10000 mg/kg | | 7 | |
| 04.1.2.11 | Fruit fillings for pastries | 5000 mg/kg | | 7 | |
| 04.2.2.2 | Dried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 5000 mg/kg | Note 76 | 7 | |
| 04.2.2.5 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed purees and spreads (e.g., peanut butter) | 5000 mg/kg | Note 2 | 7 | |
| 05.1.1 | Cocoa mixes (powders) and cocoa mass/cake | 2000 mg/kg | | 7 | |
| 05.1.3 | Cocoa-based spreads, including fillings | 5000 mg/kg | | 7 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 5000 mg/kg | | 7 | |
| 05.3 | Chewing gum | 20000 mg/kg | | 7 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 5000 mg/kg | | 7 | |
| 06.1 | Whole, broken, or flaked grain, including rice | 4000 mg/kg | | 7 | |
| 06.2.1 | Flours | 5000 mg/kg | | 7 | |
| 06.3 | Breakfast cereals, including rolled oats | 5000 mg/kg | | 7 | |
| 06.4.2 | Dried pastas and noodles and like products | 5000 mg/kg | | 4 | |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 5000 mg/kg | | 4 | |

STEAROYL-2-LACTYLATES

Function: Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|------|------|
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 6000 mg/kg | | 7 | |
| 06.6 | Batters (e.g., for breading or batters for fish or poultry) | 7500 mg/kg | Note 2 | 7 | |
| 07.1 | Bread and ordinary bakery wares | 5000 mg/kg | | 7 | |
| 07.2.1 | Cakes, cookies and pies (e.g., fruit-filled or custard types) | 5500 mg/kg | | 7 | |
| 07.2.2 | Other fine bakery products (e.g., doughnuts, sweet rolls, scones, and muffins) | 5000 mg/kg | | 7 | |
| 07.2.3 | Mixes for fine bakery wares (e.g., cakes, pancakes) | 8000 mg/kg | | 7 | |
| 08.2.2 | Heat-treated processed meat, poultry, and game products in whole pieces or cuts | 4000 mg/kg | | 7 | |
| 08.3.2 | Heat-treated processed comminuted meat, poultry, and game products | 4000 mg/kg | | 7 | |
| 10.2.1 | Liquid egg products | 500 mg/kg | | 7 | |
| 10.2.2 | Frozen egg products | 500 mg/kg | | 7 | |
| 10.2.3 | Dried and/or heat coagulated egg products | 5000 mg/kg | | 7 | |
| 10.4 | Egg-based desserts (e.g., custard) | 5000 mg/kg | | 7 | |
| 12.4 | Mustards | 2500 mg/kg | | 7 | |
| 12.6.1 | Emulsified sauces (e.g., mayonnaise, salad dressing) | 10000 mg/kg | | 7 | |
| 12.6.2 | Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy) | 2500 mg/kg | | 7 | |
| 12.6.3 | Mixes for sauces and gravies | 2500 mg/kg | | 7 | |
| 12.6.4 | Clear sauces (e.g., fish sauce) | 2500 mg/kg | | 7 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 2000 mg/kg | | 7 | |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 2000 mg/kg | | 7 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 2000 mg/kg | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 2000 mg/kg | Note 2 | 7 | |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | 8000 mg/kg | | 7 | |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 8000 mg/kg | | 7 | |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 5000 mg/kg | | 7 | |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 5000 mg/kg | | 7 | |

STEARYL CITRATE

Stearyl Citrate

INS: 484

Function: Antifoaming Agent, Emulsifier, Sequestrant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--------------|----------|----------|------|------|
|-----------|--------------|----------|----------|------|------|

STEARYL CITRATE

Function: Antifoaming Agent, Emulsifier, Sequestrant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|---------|------|
| 02.1.2 | Vegetable oils and fats | GMP | | Adopted | 2006 |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | Adopted | 2006 |
| 02.2.1.2 | Margarine and similar products | 100 mg/kg | Note 15 | Adopted | 1999 |
| 05.3 | Chewing gum | 15000 mg/kg | | Adopted | 1999 |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 500 mg/kg | | Adopted | 1999 |

SUCRALOSE

Sucralose

INS: 955

Function: Sweetener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 300 mg/kg | | 6 | |
| 01.2.1 | Fermented milks (plain) | 400 mg/kg | | 3 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | 250 mg/kg | | 6 | |
| 01.2.2 | Renneted milk (plain) | GMP | | 6 | |
| 01.3.1 | Condensed milk (plain) | GMP | | 6 | |
| 01.3.2 | Beverage whiteners | 580 mg/kg | | 3 | |
| 01.4 | Cream (plain) and the like | 580 mg/kg | | 3 | |
| 01.5 | Milk powder and cream powder and powder analogues (plain) | GMP | | 6 | |
| 01.6.1 | Unripened cheese | GMP | | 6 | |
| 01.6.2 | Ripened cheese | GMP | | 6 | |
| 01.6.4 | Processed cheese | GMP | | 6 | |
| 01.6.5 | Cheese analogues | GMP | | 6 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 400 mg/kg | | 6 | |
| 01.8.1 | Liquid whey and whey products, excluding whey cheeses | GMP | | 6 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 400 mg/kg | | 3 | |
| 03.0 | Edible ices, including sherbet and sorbet | 400 mg/kg | | 6 | |
| 04.1.2.1 | Frozen fruit | 400 mg/kg | | 3 | |
| 04.1.2.2 | Dried fruit | 1500 mg/kg | | 3 | |
| 04.1.2.3 | Fruit in vinegar, oil, or brine | 180 mg/kg | | 3 | |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | 450 mg/kg | | 6 | |
| 04.1.2.5 | Jams, jellies, marmelades | 1000 mg/kg | | 3 | |

SUCRALOSE

Function: Sweetener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|------|------|
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | 800 mg/kg | | 6 | |
| 04.1.2.7 | Candied fruit | 800 mg/kg | | 6 | |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 450 mg/kg | | 6 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 1250 mg/kg | | 6 | |
| 04.1.2.10 | Fermented fruit products | 150 mg/kg | | 6 | |
| 04.1.2.11 | Fruit fillings for pastries | 400 mg/kg | | 3 | |
| 04.1.2.12 | Cooked fruit | 150 mg/kg | | 6 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 150 mg/kg | | 6 | |
| 04.2.2.2 | Dried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 150 mg/kg | | 6 | |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 450 mg/kg | | 6 | |
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 150 mg/kg | | 6 | |
| 04.2.2.5 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed purees and spreads (e.g., peanut butter) | 1500 mg/kg | | 6 | |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 500 mg/kg | | 6 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 150 mg/kg | | 6 | |
| 04.2.2.8 | Cooked or fried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 150 mg/kg | | 6 | |
| 05.1.1 | Cocoa mixes (powders) and cocoa mass/cake | 1500 mg/kg | | 6 | |
| 05.1.2 | Cocoa mixes (syrups) | 1000 mg/kg | | 6 | |
| 05.1.3 | Cocoa-based spreads, including fillings | 1500 mg/kg | | 6 | |
| 05.1.4 | Cocoa and chocolate products | 1500 mg/kg | | 6 | |
| 05.1.5 | Imitation chocolate, chocolate substitute products | 1500 mg/kg | | 6 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 2400 mg/kg | | 3 | |
| 05.3 | Chewing gum | 5000 mg/kg | | 6 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 1000 mg/kg | | 6 | |
| 06.3 | Breakfast cereals, including rolled oats | 1000 mg/kg | | 6 | |

SUCRALOSE

Function: Sweetener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|------|------|
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 1250 mg/kg | | 6 | |
| 06.6 | Batters (e.g., for breading or batters for fish or poultry) | 600 mg/kg | | 6 | |
| 06.7 | Pre-cooked or processed rice products, including rice cakes (Oriental type only) | 600 mg/kg | | 6 | |
| 07.1 | Bread and ordinary bakery wares | 750 mg/kg | | 6 | |
| 07.2.1 | Cakes, cookies and pies (e.g., fruit-filled or custard types) | 750 mg/kg | | 6 | |
| 07.2.2 | Other fine bakery products (e.g., doughnuts, sweet rolls, scones, and muffins) | 800 mg/kg | | 6 | |
| 07.2.3 | Mixes for fine bakery wares (e.g., cakes, pancakes) | 750 mg/kg | | 6 | |
| 09.3 | Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms | 120 mg/kg | | 3 | |
| 09.3.1 | Fish and fish products, including mollusks, crustaceans, and echinoderms, marinated and/or in jelly | 450 mg/kg | | 6 | |
| 09.3.2 | Fish and fish products, including mollusks, crustaceans, and echinoderms, pickled and/or in brine | 450 mg/kg | | 6 | |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 120 mg/kg | | 3 | |
| 10.4 | Egg-based desserts (e.g., custard) | 400 mg/kg | | 3 | |
| 11.3 | Sugar solutions and syrups, also (partially) inverted, including treacle and molasses, excluding products of food category 11.1.3 | 1500 mg/kg | | 6 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 1500 mg/kg | | 6 | |
| 11.6 | Table-top sweeteners, including those containing high-intensity sweeteners | 12000 mg/kg | | 3 | |
| 12.2.1 | Herbs and spices | 400 mg/kg | | 3 | |
| 12.2.2 | Seasonings and condiments | 700 mg/kg | | 6 | |
| 12.3 | Vinegars | GMP | | 3 | |
| 12.4 | Mustards | 400 mg/kg | | 6 | |
| 12.5 | Soups and broths | 1250 mg/kg | | 6 | |
| 12.6.1 | Emulsified sauces (e.g., mayonnaise, salad dressing) | 450 mg/kg | | 6 | |
| 12.6.2 | Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy) | 450 mg/kg | | 6 | |
| 12.6.3 | Mixes for sauces and gravies | 450 mg/kg | note 127 | 6 | |
| 12.6.4 | Clear sauces (e.g., fish sauce) | 450 mg/kg | | 6 | |
| 12.7 | Salads (e.g., macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories 04.2.2.5 and 05.1.3 | 1250 mg/kg | | 6 | |
| 13.1.3 | Formulae for special medical purposes for infants | 400 mg/kg | | 3 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 400 mg/kg | | 6 | |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 1250 mg/kg | | 6 | |

SUCRALOSE

Function: Sweetener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|---------|------|
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | 800 mg/kg | | 6 | |
| 13.6 | Food supplements | 2400 mg/kg | | 3 | |
| 14.1.2.2 | Vegetable juice | 300 mg/kg | | 3 | |
| 14.1.2.4 | Concentrates for vegetable juice | 1500 mg/kg | | 3 | |
| 14.1.3.1 | Fruit nectar | 300 mg/kg | | Adopted | 2005 |
| 14.1.3.2 | Vegetable nectar | 300 mg/kg | | 3 | |
| 14.1.3.3 | Concentrates for fruit nectar | 300 mg/kg | Note 127 | Adopted | 2005 |
| 14.1.3.4 | Concentrates for vegetable nectar | 1500 mg/kg | | 3 | |
| 14.1.4.1 | Carbonated water-based flavoured drinks | 600 mg/kg | | 6 | |
| 14.1.4.2 | Non-carbonated water-based flavoured drinks, including punches and ades | 600 mg/kg | | 6 | |
| 14.1.4.3 | Concentrates (liquid or solid) for water-based flavoured drinks | 1500 mg/kg | | 3 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 300 mg/kg | | 3 | |
| 14.2 | Alcoholic beverages, including alcohol-free and low-alcoholic counterparts | 700 mg/kg | | 6 | |
| 15.0 | Ready-to-eat savouries | 1000 mg/kg | | 6 | |

SUCROGLYCERIDES

Sucroglycerides

INS: 474

Function: Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 5000 mg/kg | | 7 | |
| 01.3.2 | Beverage whiteners | 20000 mg/kg | | 7 | |
| 01.5.1 | Milk powder and cream powder (plain) | 10000 mg/kg | | 7 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 5000 mg/kg | | 7 | |
| 02.2.1.2 | Margarine and similar products | 10000 mg/kg | | 7 | |
| 02.2.1.3 | Blends of butter and margarine | 10000 mg/kg | | 7 | |
| 02.2.2 | Emulsions containing less than 80% fat | 10000 mg/kg | | 7 | |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | 10000 mg/kg | | 7 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 10000 mg/kg | | 7 | |
| 03.0 | Edible ices, including sherbet and sorbet | 10000 mg/kg | | 4 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | | 7 | |

SUCROGLYCERIDES

Function: Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|------|------|
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 5000 mg/kg | | 7 | |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 5000 mg/kg | | 7 | |
| 05.1.1 | Cocoa mixes (powders) and cocoa mass/cake | 10000 mg/kg | | 7 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 5000 mg/kg | | 7 | |
| 05.3 | Chewing gum | 15000 mg/kg | | 7 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 5000 mg/kg | | 7 | |
| 07.2 | Fine bakery wares (sweet, salty, savoury) and mixes | 10000 mg/kg | | 7 | |
| 08.2.2 | Heat-treated processed meat, poultry, and game products in whole pieces or cuts | 5000 mg/kg | Note 15 | 7 | |
| 08.3.2 | Heat-treated processed comminuted meat, poultry, and game products | 5000 mg/kg | Note 15 | 7 | |
| 10.4 | Egg-based desserts (e.g., custard) | 5000 mg/kg | | 7 | |
| 12.5 | Soups and broths | 2000 mg/kg | | 7 | |
| 12.6 | Sauces and like products | 10000 mg/kg | | 7 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 5000 mg/kg | | 7 | |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 5000 mg/kg | | 7 | |
| 13.6 | Food supplements | GMP | | 7 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 5000 mg/kg | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 1000 mg/kg | | 7 | |
| 14.2.2 | Cider and perry | 5000 mg/kg | | 7 | |
| 14.2.4 | Wines (other than grape) | 5000 mg/kg | | 7 | |
| 14.2.5 | Mead | 5000 mg/kg | | 7 | |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | 5000 mg/kg | | 7 | |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 5000 mg/kg | | 7 | |

SUCROSE ACETATE ISOBUTYRATE

Sucrose Acetate Isobutyrate

INS: 444

Function: Acidity Regulator, Adjuvant, Emulsifier, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|----------|---------|------|
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 500 mg/kg | | Adopted | 1999 |

SUCROSE ESTERS OF FATTY ACIDS

SUCROSE ESTERS OF FATTY ACIDS

Sucrose Esters of Fatty Acids

INS: 473

Function: Adjuvant, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 5000 mg/kg | | 7 | |
| 01.3.2 | Beverage whiteners | 20000 mg/kg | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | 10000 mg/kg | | 4 | |
| 01.4.4 | Cream analogues | 10000 mg/kg | | 4 | |
| 01.5.1 | Milk powder and cream powder (plain) | 10000 mg/kg | | 7 | |
| 01.5.2 | Milk and cream powder analogues | 10000 mg/kg | | 7 | |
| 01.6.4 | Processed cheese | 10000 mg/kg | | 7 | |
| 01.6.5 | Cheese analogues | 10000 mg/kg | | 7 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 10000 mg/kg | | 7 | |
| 02.1.2 | Vegetable oils and fats | 10000 mg/kg | | 7 | |
| 02.2.1.2 | Margarine and similar products | 10000 mg/kg | | 7 | |
| 02.2.1.3 | Blends of butter and margarine | 10000 mg/kg | | 7 | |
| 02.2.2 | Emulsions containing less than 80% fat | 10000 mg/kg | | 7 | |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | 10000 mg/kg | | 7 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 10000 mg/kg | | 7 | |
| 03.0 | Edible ices, including sherbet and sorbet | 5000 mg/kg | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | 1000 mg/kg | | 4 | |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 1500 mg/kg | | 7 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 5000 mg/kg | | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 1000 mg/kg | | 4 | |
| 04.2.1.3 | Peeled, cut or shredded fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 3000 mg/kg | | 7 | |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 5000 mg/kg | | 7 | |
| 05.1 | Cocoa products and chocolate products including imitations and chocolate substitutes | 10000 mg/kg | | 7 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 20000 mg/kg | | 7 | |

SUCROSE ESTERS OF FATTY ACIDS

Function: Adjuvant, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 05.3 | Chewing gum | 15000 mg/kg | | 7 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 10000 mg/kg | | 7 | |
| 06.3 | Breakfast cereals, including rolled oats | 10000 mg/kg | | 7 | |
| 06.4 | Pastas and noodles and like products (e.g., rice paper, rice vermicelli, soybean pastas and noodles) | 2000 mg/kg | | 4 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 10000 mg/kg | | 7 | |
| 06.6 | Batters (e.g., for breading or batters for fish or poultry) | 10000 mg/kg | | 7 | |
| 06.7 | Pre-cooked or processed rice products, including rice cakes (Oriental type only) | 10000 mg/kg | | 7 | |
| 07.1 | Bread and ordinary bakery wares | 10000 mg/kg | | 4 | |
| 07.2 | Fine bakery wares (sweet, salty, savoury) and mixes | 10000 mg/kg | | 7 | |
| 08.2.2 | Heat-treated processed meat, poultry, and game products in whole pieces or cuts | 5000 mg/kg | Note 15 | 7 | |
| 08.3.2 | Heat-treated processed comminuted meat, poultry, and game products | 5000 mg/kg | Note 15 | 7 | |
| 08.4 | Edible casings (e.g., sausage casings) | 5000 mg/kg | | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 10000 mg/kg | | 7 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | 10000 mg/kg | | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | 10000 mg/kg | | 7 | |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 10000 mg/kg | | 4 | |
| 10.4 | Egg-based desserts (e.g., custard) | 5000 mg/kg | | 7 | |
| 12.5 | Soups and broths | 5000 mg/kg | | 7 | |
| 12.6 | Sauces and like products | 10000 mg/kg | | 7 | |
| 13.2 | Complementary foods for infants and young children | 5000 mg/kg | | 7 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 5000 mg/kg | | 7 | |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 5000 mg/kg | | 7 | |
| 13.6 | Food supplements | 50000 mg/kg | | 4 | |
| 14.1.4.1 | Carbonated water-based flavoured drinks | 1000 mg/kg | | 7 | |
| 14.1.4.2 | Non-carbonated water-based flavoured drinks, including punches and ades | 5000 mg/kg | | 7 | |
| 14.1.4.3 | Concentrates (liquid or solid) for water-based flavoured drinks | 10000 mg/kg | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 5000 mg/kg | | 7 | |
| 14.2.2 | Cider and perry | 5000 mg/kg | | 7 | |
| 14.2.4 | Wines (other than grape) | 5000 mg/kg | | 7 | |

SUCROSE ESTERS OF FATTY ACIDS

Function: Adjuvant, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|------|------|
| 14.2.5 | Mead | 5000 mg/kg | | 7 | |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | 5000 mg/kg | | 7 | |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 10000 mg/kg | | 7 | |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 10000 mg/kg | | 7 | |

SULPHITES

| | | | |
|---------------------------|----------|-----------------------|----------|
| Sulphur Dioxide | INS: 220 | Sodium Sulphite | INS: 221 |
| Sodium Hydrogen Sulphite | INS: 222 | Sodium Metabisulphite | INS: 223 |
| Potassium Metabisulphite | INS: 224 | Potassium Sulphite | INS: 225 |
| Calcium Hydrogen Sulphite | INS: 227 | Potassium Bisulphite | INS: 228 |
| Sodium Thiosulphate | INS: 539 | | |

Function: Acidity Regulator, Adjuvant, Antioxidant, Bleaching Agent (Not for Flour), Firming Agent, Flour Treatment Agent, Preservative, Sequestrant, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|-------------------------|---------|------|
| 04.1.1.2 | Surface-treated fresh fruit | 50 mg/kg | Note 44 | Adopted | 2006 |
| 04.1.2.1 | Frozen fruit | 500 mg/kg | Note 44 | 6 | |
| 04.1.2.2 | Dried fruit | 1000 mg/kg | Notes 44 & 135 | Adopted | 2006 |
| 04.1.2.3 | Fruit in vinegar, oil, or brine | 100 mg/kg | Note 44 | Adopted | 2006 |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | 350 mg/kg | Note 44 | 6 | |
| 04.1.2.5 | Jams, jellies, marmelades | 500 mg/kg | Note 44 | 6 | |
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | 500 mg/kg | Note 44 | Adopted | 2006 |
| 04.1.2.7 | Candied fruit | 100 mg/kg | Note 44 | Adopted | 2006 |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 500 mg/kg | Note 44 | Adopted | 2006 |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 750 mg/kg | Note 44 | 6 | |
| 04.1.2.11 | Fruit fillings for pastries | 100 mg/kg | Note 44 | Adopted | 2006 |
| 04.2.1.3 | Peeled, cut or shredded fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 50 mg/kg | Notes 44, 76 & 136 | Adopted | 2006 |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 50 mg/kg | Notes 44, 76, 136 & 137 | Adopted | 2006 |
| 04.2.2.2 | Dried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 500 mg/kg | Notes 44 & 105 | Adopted | 2006 |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 100 mg/kg | Note 44 | Adopted | 2006 |

SULPHITES

Function: Acidity Regulator, Adjuvant, Antioxidant, Bleaching Agent (Not for Flour), Firming Agent, Flour Treatment Agent, Preservative, Sequestrant, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|----------------|---------|------|
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 50 mg/kg | Note 44 | Adopted | 2006 |
| 04.2.2.5 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed purees and spreads (e.g., peanut butter) | 500 mg/kg | Notes 44 & 138 | Adopted | 2006 |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 500 mg/kg | Note 44 | Adopted | 2006 |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 500 mg/kg | Note 44 | Adopted | 2006 |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 50 mg/kg | Note 44 | 6 | |
| 06.2.1 | Flours | 200 mg/kg | Note 44 | Adopted | 2006 |
| 06.2.2 | Starches | 50 mg/kg | Note 44 | Adopted | 2006 |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 20 mg/kg | Note 44 | Adopted | 2006 |
| 07.1.1 | Breads and rolls | 50 mg/kg | Note 44 | 6 | |
| 07.1.3 | Other ordinary bakery products (e.g., bagels, pita, English muffins) | 50 mg/kg | Note 44 | 6 | |
| 07.1.4 | Bread-type products, including bread stuffing and bread crumbs | 50 mg/kg | Note 44 | 6 | |
| 07.2 | Fine bakery wares (sweet, salty, savoury) and mixes | 50 mg/kg | Note 44 | Adopted | 2006 |
| 09.1.2 | Fresh mollusks, crustaceans, and echinoderms | 100 mg/kg | Note 44 | Adopted | 2006 |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 100 mg/kg | Notes 44 & 139 | Adopted | 2006 |
| 09.2.4.2 | Cooked mollusks, crustaceans, and echinoderms | 30 mg/kg | Note 44 | 6 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | 30 mg/kg | Note 44 | 6 | |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 300 mg/kg | Notes 44 & 140 | 6 | |
| 11.1.1 | White sugar, dextrose anhydrous, dextrose monohydrate, fructose | 15 mg/kg | Note 44 | Adopted | 2005 |
| 11.1.2 | Powdered sugar, powdered dextrose | 15 mg/kg | Note 44 | Adopted | 2005 |
| 11.1.3 | Soft white sugar, soft brown sugar, glucose syrup, dried glucose syrup, raw cane sugar | 20 mg/kg | Notes 44 & 111 | Adopted | 2006 |
| 11.1.5 | Plantation or mill white sugar | 70 mg/kg | Note 44 | Adopted | 2005 |
| 11.2 | Brown sugar excluding products of food category 11.1.3 | 40 mg/kg | Note 44 | Adopted | 2006 |
| 11.3 | Sugar solutions and syrups, also (partially) inverted, including treacle and molasses, excluding products of food category 11.1.3 | 70 mg/kg | Note 44 | 6 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 40 mg/kg | Note 44 | Adopted | 2006 |
| 12.2.1 | Herbs and spices | 150 mg/kg | Note 44 | Adopted | 2006 |

SULPHITES

Function: Acidity Regulator, Adjuvant, Antioxidant, Bleaching Agent (Not for Flour), Firming Agent, Flour Treatment Agent, Preservative, Sequestrant, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|---------------------|---------|------|
| 12.2.2 | Seasonings and condiments | 200 mg/kg | Note 44 | Adopted | 2006 |
| 12.3 | Vinegars | 100 mg/kg | Note 44 | Adopted | 2006 |
| 12.4 | Mustards | 250 mg/kg | Notes 44 & 106 | 6 | |
| 12.5 | Soups and broths | 1000 mg/kg | Note 44 | 6 | |
| 12.6 | Sauces and like products | 300 mg/kg | Note 44 | 6 | |
| 14.1.2.1 | Fruit juice | 50 mg/kg | Notes 44 & 122 | Adopted | 2005 |
| 14.1.2.2 | Vegetable juice | 50 mg/kg | Notes 44 & 122 | Adopted | 2006 |
| 14.1.2.3 | Concentrates for fruit juice | 50 mg/kg | Notes 44, 122 & 127 | Adopted | 2005 |
| 14.1.2.4 | Concentrates for vegetable juice | 50 mg/kg | Notes 44, 122 & 127 | Adopted | 2006 |
| 14.1.3.1 | Fruit nectar | 50 mg/kg | Notes 44 & 122 | Adopted | 2005 |
| 14.1.3.2 | Vegetable nectar | 50 mg/kg | Notes 44 & 122 | Adopted | 2006 |
| 14.1.3.3 | Concentrates for fruit nectar | 50 mg/kg | Notes 44, 122 & 127 | Adopted | 2005 |
| 14.1.3.4 | Concentrates for vegetable nectar | 50 mg/kg | Notes 44, 122 & 127 | Adopted | 2006 |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 70 mg/kg | Notes 44, 127 & 143 | Adopted | 2006 |
| 14.2.1 | Beer and malt beverages | 50 mg/kg | Note 44 | Adopted | 2006 |
| 14.2.2 | Cider and perry | 200 mg/kg | Note 44 | Adopted | 2006 |
| 14.2.3 | Grape wines | 350 mg/kg | Notes 44 & 103 | Adopted | 2006 |
| 14.2.4 | Wines (other than grape) | 200 mg/kg | Note 44 | Adopted | 2006 |
| 14.2.5 | Mead | 200 mg/kg | Note 44 | Adopted | 2006 |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | 200 mg/kg | Note 44 | Adopted | 2006 |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 350 mg/kg | Note 44 | 6 | |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 50 mg/kg | Note 44 | Adopted | 2006 |
| 15.2 | Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit) | 500 mg/kg | Note 44 | 6 | |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 350 mg/kg | Note 44 | 6 | |

SUNSET YELLOW FCF

Sunset Yellow FCF

INS: 110

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--------------|----------|----------|------|------|
|-----------|--------------|----------|----------|------|------|

SUNSET YELLOW FCF

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|----------|------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 300 mg/kg | | 6 | |
| 01.6.1 | Unripened cheese | GMP | Note 3 | 6 | |
| 01.6.2.2 | Rind of ripened cheese | 100 mg/kg | | 6 | |
| 01.6.4 | Processed cheese | 200 mg/kg | | 6 | |
| 01.6.5 | Cheese analogues | GMP | Note 3 | 6 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 300 mg/kg | | 6 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 6 | |
| 02.2.1.2 | Margarine and similar products | GMP | | 6 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 300 mg/kg | | 6 | |
| 03.0 | Edible ices, including sherbet and sorbet | 300 mg/kg | | 6 | |
| 04.1.1.2 | Surface-treated fresh fruit | 500 mg/kg | Note 16 | 6 | |
| 04.1.2.2 | Dried fruit | 50 mg/kg | | 6 | |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | 200 mg/kg | | 6 | |
| 04.1.2.5 | Jams, jellies, marmelades | 500 mg/kg | | 6 | |
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | 500 mg/kg | | 6 | |
| 04.1.2.7 | Candied fruit | 300 mg/kg | | 6 | |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 500 mg/kg | | 6 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 300 mg/kg | | 6 | |
| 04.1.2.11 | Fruit fillings for pastries | 400 mg/kg | | 6 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 500 mg/kg | Note 16 | 6 | |
| 04.2.2.2 | Dried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 300 mg/kg | Note 76 | 6 | |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 500 mg/kg | | 6 | |
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 200 mg/kg | | 6 | |
| 04.2.2.5 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed purees and spreads (e.g., peanut butter) | 100 mg/kg | | 6 | |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 200 mg/kg | | 6 | |

SUNSET YELLOW FCF

| Function: | Colour | | | | |
|-----------|---|-----------|----------|------|------|
| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 200 mg/kg | | 6 | |
| 05.1.1 | Cocoa mixes (powders) and cocoa mass/cake | 50 mg/kg | | 6 | |
| 05.1.2 | Cocoa mixes (syrups) | 50 mg/kg | | 6 | |
| 05.1.3 | Cocoa-based spreads, including fillings | 100 mg/kg | | 6 | |
| 05.1.4 | Cocoa and chocolate products | 400 mg/kg | | 6 | |
| 05.1.5 | Imitation chocolate, chocolate substitute products | 400 mg/kg | | 6 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 400 mg/kg | | 6 | |
| 05.3 | Chewing gum | 300 mg/kg | | 6 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 500 mg/kg | | 6 | |
| 06.3 | Breakfast cereals, including rolled oats | 350 mg/kg | | 6 | |
| 06.4.2 | Dried pastas and noodles and like products | 300 mg/kg | | 6 | |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 300 mg/kg | | 6 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 300 mg/kg | | 6 | |
| 07.0 | Bakery wares | 300 mg/kg | | 6 | |
| 08.1 | Fresh meat, poultry, and game | 500 mg/kg | Note 16 | 6 | |
| 08.2 | Processed meat, poultry, and game products in whole pieces or cuts | 500 mg/kg | Note 16 | 6 | |
| 08.3.1.1 | Cured (including salted) non-heat treated processed comminuted meat, poultry, and game products | 500 mg/kg | Note 16 | 6 | |
| 08.3.1.2 | Cured (including salted) and dried non-heat treated processed comminuted meat, poultry, and game products | 135 mg/kg | | 6 | |
| 08.3.1.3 | Fermented non-heat treated processed comminuted meat, poultry, and game products | 500 mg/kg | Note 16 | 6 | |
| 08.3.2 | Heat-treated processed comminuted meat, poultry, and game products | 500 mg/kg | Note 16 | 6 | |
| 08.3.3 | Frozen processed comminuted meat, poultry, and game products | 500 mg/kg | Note 16 | 6 | |
| 08.4 | Edible casings (e.g., sausage casings) | 500 mg/kg | Note 16 | 6 | |
| 09.1.1 | Fresh fish | 300 mg/kg | Note 50 | 6 | |
| 09.1.2 | Fresh mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | 6 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | | 6 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | 6 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | 6 | |
| 09.2.4.1 | Cooked fish and fish products | 500 mg/kg | | 6 | |
| 09.2.4.2 | Cooked mollusks, crustaceans, and echinoderms | 250 mg/kg | | 6 | |

SUNSET YELLOW FCF

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|------|------|
| 09.2.4.3 | Fried fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | 6 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 22 | 6 | |
| 09.3.1 | Fish and fish products, including mollusks, crustaceans, and echinoderms, marinated and/or in jelly | 500 mg/kg | Note 16 | 6 | |
| 09.3.2 | Fish and fish products, including mollusks, crustaceans, and echinoderms, pickled and/or in brine | 500 mg/kg | Note 16 | 6 | |
| 09.3.3 | Salmon substitutes, caviar, and other fish roe products | 500 mg/kg | | 6 | |
| 09.3.4 | Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms (e.g., fish paste), excluding products of food categories 09.3.1 - 09.3.3 | 500 mg/kg | | 6 | |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | | 6 | |
| 10.1 | Fresh eggs | GMP | Note 4 | 6 | |
| 10.4 | Egg-based desserts (e.g., custard) | 300 mg/kg | | 6 | |
| 11.3 | Sugar solutions and syrups, also (partially) inverted, including treacle and molasses, excluding products of food category 11.1.3 | 300 mg/kg | | 6 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 300 mg/kg | | 6 | |
| 11.6 | Table-top sweeteners, including those containing high-intensity sweeteners | 300 mg/kg | | 6 | |
| 12.2.1 | Herbs and spices | 300 mg/kg | | 6 | |
| 12.2.2 | Seasonings and condiments | 500 mg/kg | | 6 | |
| 12.4 | Mustards | 300 mg/kg | | 6 | |
| 12.5 | Soups and broths | 300 mg/kg | | 6 | |
| 12.6 | Sauces and like products | 500 mg/kg | | 6 | |
| 12.9.5 | Other protein products | 200 mg/kg | | 6 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 50 mg/kg | | 6 | |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 50 mg/kg | | 6 | |
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | 300 mg/kg | | 6 | |
| 13.6 | Food supplements | 300 mg/kg | | 6 | |
| 14.1.2.2 | Vegetable juice | GMP | | 6 | |
| 14.1.4.1 | Carbonated water-based flavoured drinks | 300 mg/kg | | 6 | |
| 14.1.4.2 | Non-carbonated water-based flavoured drinks, including punches and ades | 300 mg/kg | | 6 | |
| 14.1.4.3 | Concentrates (liquid or solid) for water-based flavoured drinks | 391 mg/kg | | 6 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 70 mg/kg | | 3 | |
| 14.2.2 | Cider and perry | 200 mg/kg | | 6 | |

SUNSET YELLOW FCF

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|----------|------|------|
| 14.2.4 | Wines (other than grape) | 200 mg/kg | | 6 | |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | 300 mg/kg | | 6 | |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 200 mg/kg | | 6 | |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 550 mg/kg | | 3 | |
| 15.2 | Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit) | 100 mg/kg | | 6 | |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 500 mg/kg | | 6 | |

TALC

Talc INS: 553iii

Function: Anticaking Agent

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|---------|------|
| 01.8.2 | Dried whey and whey products, excluding whey cheeses | 10000 mg/kg | | Adopted | 2006 |
| 06.1 | Whole, broken, or flaked grain, including rice | GMP | | 7 | |
| 12.1.2 | Salt Substitutes | 10000 mg/kg | Note 51 | 7 | |

TARA GUM

Tara Gum INS: 417

Function: Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|------|------|
| 01.1.1 | Milk and buttermilk (plain) | GMP | | 7 | |
| 01.2.1.1 | Fermented milks (plain), not heat-treated after fermentation | GMP | | 4 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 7 | |
| 01.2.2 | Renneted milk (plain) | GMP | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | | 7 | |
| 04.1.1.3 | Peeled or cut fresh fruit | GMP | | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |

TARA GUM

Function: Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|----------|----------|------|------|
| 04.2.1.3 | Peeled, cut or shredded fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 06.1 | Whole, broken, or flaked grain, including rice | GMP | | 7 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 7 | |
| 08.1 | Fresh meat, poultry, and game | GMP | | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 73 | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 73 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 10.2.1 | Liquid egg products | GMP | | 7 | |
| 10.2.2 | Frozen egg products | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |
| 14.2.3 | Grape wines | GMP | | 7 | |

TARTRATES

| | | | |
|-----------------------|------------|---------------------------|-----------|
| Tartaric Acid (L(+)-) | INS: 334 | Monosodium Tartrate | INS: 335i |
| Disodium Tartrate | INS: 335ii | Monopotassium Tartrate | INS: 336i |
| Dipotassium Tartrate | INS: 336ii | Potassium Sodium Tartrate | INS: 337 |

Function: Acidity Regulator, Adjuvant, Anticaking Agent, Antioxidant, Bulking Agent, Emulsifier, Flour Treatment Agent, Humectant, Preservative, Raising Agent, Sequestrant, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|------|------|
| 01.2.1 | Fermented milks (plain) | GMP | Note 45 | 7 | |
| 01.6.1 | Unripened cheese | 1500 mg/kg | Note 45 | 4 | |
| 01.6.2 | Ripened cheese | GMP | Note 45 | 7 | |
| 01.6.4 | Processed cheese | 34900 mg/kg | Note 45 | 7 | |
| 01.6.5 | Cheese analogues | GMP | Note 45 | 7 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 2000 mg/kg | Note 45 | 7 | |
| 02.1.2 | Vegetable oils and fats | 5000 mg/kg | Note 45 | 4 | |

TARTRATES

Function: Acidity Regulator, Adjuvant, Anticaking Agent, Antioxidant, Bulking Agent, Emulsifier, Flour Treatment Agent, Humectant, Preservative, Raising Agent, Sequestrant, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-------------|----------|------|------|
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 5000 mg/kg | Note 45 | 4 | |
| 02.2.1.2 | Margarine and similar products | GMP | Note 45 | 7 | |
| 02.2.1.3 | Blends of butter and margarine | GMP | Note 45 | 7 | |
| 02.2.2 | Emulsions containing less than 80% fat | GMP | Note 45 | 7 | |
| 02.2.2 | Emulsions containing less than 80% fat | 5000 mg/kg | Note 45 | 4 | |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | GMP | Note 45 | 7 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | GMP | Note 45 | 7 | |
| 03.0 | Edible ices, including sherbet and sorbet | 2000 mg/kg | Note 45 | 7 | |
| 04.1.2.1 | Frozen fruit | GMP | Note 45 | 7 | |
| 04.1.2.2 | Dried fruit | GMP | Note 45 | 7 | |
| 04.1.2.3 | Fruit in vinegar, oil, or brine | GMP | Note 45 | 7 | |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | 1300 mg/kg | Note 45 | 7 | |
| 04.1.2.5 | Jams, jellies, marmelades | 3000 mg/kg | Note 45 | 7 | |
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | 3000 mg/kg | Note 45 | 7 | |
| 04.1.2.7 | Candied fruit | GMP | Note 45 | 7 | |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | GMP | Note 45 | 7 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 20000 mg/kg | Note 45 | 4 | |
| 04.1.2.10 | Fermented fruit products | GMP | Note 45 | 7 | |
| 04.1.2.11 | Fruit fillings for pastries | 10000 mg/kg | Note 45 | 7 | |
| 04.1.2.12 | Cooked fruit | GMP | Note 45 | 7 | |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 15000 mg/kg | Note 45 | 7 | |
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 10000 mg/kg | Note 45 | 7 | |
| 04.2.2.5 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed purees and spreads (e.g., peanut butter) | GMP | Note 45 | 7 | |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 2000 mg/kg | Note 45 | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 10000 mg/kg | Note 45 | 4 | |
| 05.1.1 | Cocoa mixes (powders) and cocoa mass/cake | 5000 mg/kg | Note 45 | 7 | |
| 05.1.2 | Cocoa mixes (syrups) | 2000 mg/kg | Note 45 | 7 | |

TARTRATES

Function: Acidity Regulator, Adjuvant, Anticaking Agent, Antioxidant, Bulking Agent, Emulsifier, Flour Treatment Agent, Humectant, Preservative, Raising Agent, Sequestrant, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|--------------------------|---------|------|
| 05.1.3 | Cocoa-based spreads, including fillings | 5000 mg/kg | Note 45 | 4 | |
| 05.1.4 | Cocoa and chocolate products | 10000 mg/kg | Note 45 | 7 | |
| 05.1.5 | Imitation chocolate, chocolate substitute products | 10000 mg/kg | Note 45 | 7 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 20000 mg/kg | Note 45 | 7 | |
| 05.3 | Chewing gum | 30000 mg/kg | Note 45 | 7 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 8000 mg/kg | Note 45 | 7 | |
| 06.2 | Flours and starches (including soybean powder) | 6000 mg/kg | Note 45 | 4 | |
| 06.4.1 | Fresh pastas and noodles and like products | GMP | Note 45 | 7 | |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 7500 mg/kg | Note 45 | 4 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 2860 mg/kg | Note 45 | 7 | |
| 07.0 | Bakery wares | 10000 mg/kg | Note 45 | 7 | |
| 08.0 | Meat and meat products, including poultry and game | GMP | Note 45 | 7 | |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 45 | 4 | |
| 10.4 | Egg-based desserts (e.g., custard) | 2000 mg/kg | Note 45 | 7 | |
| 11.6 | Table-top sweeteners, including those containing high-intensity sweeteners | GMP | Note 45 | 7 | |
| 12.2.2 | Seasonings and condiments | 7500 mg/kg | Note 45 | 7 | |
| 12.4 | Mustards | 5000 mg/kg | Note 45 | 7 | |
| 12.5 | Soups and broths | 5000 mg/kg | Note 45 | 7 | |
| 12.6.1 | Emulsified sauces (e.g., mayonnaise, salad dressing) | 2860 mg/kg | Note 45 | 7 | |
| 12.6.2 | Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy) | 5000 mg/kg | Note 45 | 7 | |
| 12.6.3 | Mixes for sauces and gravies | GMP | Note 45 | 7 | |
| 12.6.4 | Clear sauces (e.g., fish sauce) | 200 mg/kg | Note 45 | 4 | |
| 13.1.3 | Formulae for special medical purposes for infants | 5000 mg/kg | Note 45 | 4 | |
| 13.2 | Complementary foods for infants and young children | 5000 mg/kg | Note 45 | 7 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | GMP | Note 45 | 4 | |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | GMP | Note 45 | 4 | |
| 13.6 | Food supplements | GMP | Note 45 | 4 | |
| 14.1.2.1 | Fruit juice | 4000 mg/kg | Notes 45, 128 & 129 | Adopted | 2005 |
| 14.1.2.2 | Vegetable juice | 4000 mg/kg | Note 45 | 7 | |
| 14.1.2.3 | Concentrates for fruit juice | 4000 mg/kg | Notes 45, 127, 128 & 129 | Adopted | 2005 |

TARTRATES

Function: Acidity Regulator, Adjuvant, Anticaking Agent, Antioxidant, Bulking Agent, Emulsifier, Flour Treatment Agent, Humectant, Preservative, Raising Agent, Sequestrant, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|---------------------|---------|------|
| 14.1.2.4 | Concentrates for vegetable juice | 4000 mg/kg | Note 45 | 7 | |
| 14.1.3.1 | Fruit nectar | 4000 mg/kg | Notes 45 & 128 | Adopted | 2005 |
| 14.1.3.2 | Vegetable nectar | 1600 mg/kg | Note 45 | 7 | |
| 14.1.3.3 | Concentrates for fruit nectar | 4000 mg/kg | Notes 45, 127 & 128 | Adopted | 2005 |
| 14.1.3.4 | Concentrates for vegetable nectar | 1600 mg/kg | Note 45 | 7 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 5000 mg/kg | Note 45 | 7 | |
| 14.2.1 | Beer and malt beverages | 2000 mg/kg | Note 45 | 7 | |
| 14.2.2 | Cider and perry | 2000 mg/kg | Note 45 | 7 | |
| 14.2.3.1 | Still grape wine | 9000 mg/kg | Note 45 | 7 | |
| 14.2.3.2 | Sparkling and semi-sparkling grape wines | 4000 mg/kg | Note 45 | 4 | |
| 14.2.3.3 | Fortified grape wine, grape liquor wine, and sweet grape wine | 4000 mg/kg | Note 45 | 4 | |
| 14.2.4 | Wines (other than grape) | GMP | Note 45 | 7 | |
| 14.2.5 | Mead | GMP | Note 45 | 7 | |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | 3000 mg/kg | Note 45 | 7 | |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 3000 mg/kg | Note 45 | 7 | |
| 15.0 | Ready-to-eat savouries | 2000 mg/kg | Note 45 | 4 | |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 600 mg/kg | Notes 2 & 45 | 7 | |

TARTRAZINE

Tartrazine

INS: 102

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 300 mg/kg | | 7 | |
| 01.3.2 | Beverage whiteners | 300 mg/kg | | 7 | |
| 01.6.1 | Unripened cheese | 300 mg/kg | Note 3 | 4 | |
| 01.6.2.2 | Rind of ripened cheese | 100 mg/kg | | 7 | |
| 01.6.4 | Processed cheese | 200 mg/kg | | 7 | |
| 01.6.5 | Cheese analogues | 300 mg/kg | Note 3 | 4 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 300 mg/kg | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 300 mg/kg | | 4 | |

TARTRAZINE

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|----------|------|------|
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 300 mg/kg | | 7 | |
| 03.0 | Edible ices, including sherbet and sorbet | 300 mg/kg | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | 500 mg/kg | Note 16 | 7 | |
| 04.1.2.2 | Dried fruit | 200 mg/kg | | 7 | |
| 04.1.2.4 | Canned or bottled (pasteurized) fruit | 200 mg/kg | | 7 | |
| 04.1.2.5 | Jams, jellies, marmelades | 500 mg/kg | | 7 | |
| 04.1.2.6 | Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5 | 500 mg/kg | | 7 | |
| 04.1.2.7 | Candied fruit | 300 mg/kg | | 7 | |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 500 mg/kg | | 7 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 300 mg/kg | | 7 | |
| 04.1.2.11 | Fruit fillings for pastries | 300 mg/kg | | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 500 mg/kg | Note 16 | 7 | |
| 04.2.2.2 | Dried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 300 mg/kg | | 7 | |
| 04.2.2.3 | Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soy sauce | 500 mg/kg | | 7 | |
| 04.2.2.4 | Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 200 mg/kg | | 7 | |
| 04.2.2.6 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5 | 200 mg/kg | | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 500 mg/kg | | 4 | |
| 05.1 | Cocoa products and chocolate products including imitations and chocolate substitutes | 300 mg/kg | | 7 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 300 mg/kg | | 7 | |
| 05.3 | Chewing gum | 300 mg/kg | | 7 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 500 mg/kg | | 7 | |
| 06.3 | Breakfast cereals, including rolled oats | 300 mg/kg | | 7 | |
| 06.4.2 | Dried pastas and noodles and like products | 300 mg/kg | | 7 | |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 300 mg/kg | | 7 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 300 mg/kg | | 7 | |

TARTRAZINE

| Function: | Colour | | | | |
|-----------|---|-----------|----------|------|------|
| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
| 07.0 | Bakery wares | 300 mg/kg | | 7 | |
| 08.0 | Meat and meat products, including poultry and game | 500 mg/kg | Note 16 | 7 | |
| 09.1.1 | Fresh fish | 300 mg/kg | Note 50 | 7 | |
| 09.1.2 | Fresh mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | 7 | |
| 09.2.4.1 | Cooked fish and fish products | 500 mg/kg | | 7 | |
| 09.2.4.2 | Cooked mollusks, crustaceans, and echinoderms | 250 mg/kg | | 7 | |
| 09.2.4.3 | Fried fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 16 | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | Note 22 | 7 | |
| 09.3.1 | Fish and fish products, including mollusks, crustaceans, and echinoderms, marinated and/or in jelly | 500 mg/kg | Note 16 | 7 | |
| 09.3.2 | Fish and fish products, including mollusks, crustaceans, and echinoderms, pickled and/or in brine | 500 mg/kg | Note 16 | 7 | |
| 09.3.3 | Salmon substitutes, caviar, and other fish roe products | 500 mg/kg | | 7 | |
| 09.3.4 | Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms (e.g., fish paste), excluding products of food categories 09.3.1 - 09.3.3 | 500 mg/kg | | 7 | |
| 09.4 | Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms | 500 mg/kg | | 7 | |
| 10.1 | Fresh eggs | 500 mg/kg | Note 4 | 4 | |
| 10.4 | Egg-based desserts (e.g., custard) | 300 mg/kg | | 7 | |
| 11.3 | Sugar solutions and syrups, also (partially) inverted, including treacle and molasses, excluding products of food category 11.1.3 | 300 mg/kg | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 300 mg/kg | | 7 | |
| 11.6 | Table-top sweeteners, including those containing high-intensity sweeteners | 300 mg/kg | | 7 | |
| 12.2.1 | Herbs and spices | 300 mg/kg | | 7 | |
| 12.2.2 | Seasonings and condiments | 500 mg/kg | | 7 | |
| 12.4 | Mustards | 300 mg/kg | | 7 | |
| 12.5 | Soups and broths | 300 mg/kg | | 7 | |
| 12.6 | Sauces and like products | 500 mg/kg | | 7 | |
| 12.9.5 | Other protein products | 100 mg/kg | | 7 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 50 mg/kg | | 7 | |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 50 mg/kg | | 7 | |

TARTRAZINE

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|------|------|
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | 300 mg/kg | | 7 | |
| 13.6 | Food supplements | 300 mg/kg | | 7 | |
| 14.1.2.2 | Vegetable juice | 500 mg/kg | | 4 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 300 mg/kg | | 7 | |
| 14.2.1 | Beer and malt beverages | 500 mg/kg | | 4 | |
| 14.2.2 | Cider and perry | 200 mg/kg | | 7 | |
| 14.2.4 | Wines (other than grape) | 200 mg/kg | | 7 | |
| 14.2.6 | Distilled spirituous beverages containing more than 15% alcohol | 300 mg/kg | | 7 | |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 200 mg/kg | | 7 | |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 300 mg/kg | | 7 | |
| 15.2 | Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit) | 100 mg/kg | | 7 | |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 500 mg/kg | | 7 | |

TBHQ

Tertiary Butylhydroquinone

INS: 319

Function: Antioxidant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|---------------------|---------|------|
| 01.3.2 | Beverage whiteners | 100 mg/kg | Notes 15 & 130 | 3 | |
| 02.1.2 | Vegetable oils and fats | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 02.2.1.2 | Margarine and similar products | 200 mg/kg | Notes 15 & 130 | Adopted | 2005 |
| 02.2.1.3 | Blends of butter and margarine | 200 mg/kg | Notes 15 & 130 | Adopted | 2005 |
| 02.2.2 | Emulsions containing less than 80% fat | 200 mg/kg | Notes 15 & 130 | Adopted | 2005 |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | 200 mg/kg | Notes 15 & 130 | Adopted | 2005 |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 200 mg/kg | Notes 15 & 130 | Adopted | 2005 |
| 03.0 | Edible ices, including sherbet and sorbet | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 05.1.4 | Cocoa and chocolate products | 200 mg/kg | Notes 15, 130 & 141 | Adopted | 2006 |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |

TBHQ

Function: Antioxidant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|----------------|---------|------|
| 05.3 | Chewing gum | 400 mg/kg | Note 130 | Adopted | 2006 |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 07.1.1 | Breads and rolls | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 07.1.2 | Crackers, excluding sweet crackers | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 07.1.3 | Other ordinary bakery products (e.g., bagels, pita, English muffins) | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 07.1.4 | Bread-type products, including bread stuffing and bread crumbs | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 08.2 | Processed meat, poultry, and game products in whole pieces or cuts | 100 mg/kg | Notes 15 & 130 | 6 | |
| 08.3 | Processed comminuted meat, poultry, and game products | 100 mg/kg | Notes 15 & 130 | 6 | |
| 12.2 | Herbs, spices, seasonings and condiments (e.g., seasoning for instant noodles) | 200 mg/kg | Notes 15 & 130 | Adopted | 2005 |
| 12.4 | Mustards | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 12.5 | Soups and broths | 200 mg/kg | Notes 15 & 130 | Adopted | 2006 |
| 12.6 | Sauces and like products | 200 mg/kg | Notes 15 & 130 | Adopted | 2005 |
| 15.0 | Ready-to-eat savouries | 200 mg/kg | Notes 15 & 130 | Adopted | 2005 |

THAUMATIN

Thaumatococcus

INS: 957

Function: Flavour Enhancer, Sweetener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|------|------|
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | GMP | | 4 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 4 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 500 mg/kg | | 7 | |
| 12.1.2 | Salt Substitutes | 400 mg/kg | Note 51 | 7 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 4 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 4 | |

THIODIPROPIONATES

THIODIPROPIONATES

Thiodipropionic Acid

INS: 388

Dilauryl Thiodipropionate

INS: 389

Function: Antioxidant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|---------------|---------|------|
| 02.1.2 | Vegetable oils and fats | 200 mg/kg | Note 46 | Adopted | 2006 |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 200 mg/kg | Note 46 | Adopted | 2006 |
| 02.2.1.2 | Margarine and similar products | 200 mg/kg | Note 46 | Adopted | 1999 |
| 02.2.2 | Emulsions containing less than 80% fat | 200 mg/kg | Note 46 | Adopted | 1999 |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 200 mg/kg | Notes 15 & 46 | Adopted | 1999 |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 1000 mg/kg | Notes 15 & 46 | Adopted | 1999 |
| 15.0 | Ready-to-eat savouries | 200 mg/kg | Note 46 | Adopted | 1999 |

TITANIUM DIOXIDE

Titanium Dioxide

INS: 171

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|------|------|
| 01.2.2 | Renneted milk (plain) | GMP | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Note 16 | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 16 | 7 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | Note 16 | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | 1000 mg/kg | Note 94 | 7 | |
| 09.1.1 | Fresh fish | GMP | Note 50 | 7 | |
| 09.1.2 | Fresh mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 95 | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.4.1 | Cooked fish and fish products | GMP | | 7 | |
| 09.2.4.2 | Cooked mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.4.3 | Fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 22 | 7 | |

TITANIUM DIOXIDE

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|----------|----------|------|------|
| 10.1 | Fresh eggs | GMP | Note 4 | 7 | |
| 14.2.3.2 | Sparkling and semi-sparkling grape wines | GMP | | 7 | |

TOCOPHEROLS

Mixed Tocopherols Concentrate

INS: 306

Alpha-Tocopherol

INS: 307

Function: Antioxidant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|---------|------|
| 01.1 | Milk and dairy-based drinks | 200 mg/kg | | 7 | |
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | 200 mg/kg | | 7 | |
| 01.3 | Condensed milk and analogues (plain) | 200 mg/kg | | 7 | |
| 01.4 | Cream (plain) and the like | 200 mg/kg | | 7 | |
| 01.5.1 | Milk powder and cream powder (plain) | 5000 mg/kg | | 7 | |
| 01.5.2 | Milk and cream powder analogues | 200 mg/kg | | 7 | |
| 01.6.1 | Unripened cheese | 200 mg/kg | | 7 | |
| 01.6.2 | Ripened cheese | 200 mg/kg | | 7 | |
| 01.6.4 | Processed cheese | 200 mg/kg | | 7 | |
| 01.6.5 | Cheese analogues | 200 mg/kg | | 7 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 500 mg/kg | | 7 | |
| 01.8.1 | Liquid whey and whey products, excluding whey cheeses | 200 mg/kg | | 7 | |
| 02.1.1 | Butter oil, anhydrous milkfat, ghee | 500 mg/kg | | Adopted | 2006 |
| 02.1.2 | Vegetable oils and fats | 300 mg/kg | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 300 mg/kg | | 7 | |
| 02.2.1.2 | Margarine and similar products | 500 mg/kg | | 7 | |
| 02.2.1.3 | Blends of butter and margarine | GMP | | 7 | |
| 02.2.2 | Emulsions containing less than 80% fat | 500 mg/kg | | 7 | |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | 200 mg/kg | | 7 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 200 mg/kg | | 7 | |
| 03.0 | Edible ices, including sherbet and sorbet | 500 mg/kg | Note 15 | 7 | |
| 04.1.2.2 | Dried fruit | 200 mg/kg | | 7 | |
| 04.1.2.8 | Fruit preparations, including pulp, purees, fruit toppings and coconut milk | 150 mg/kg | | 7 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 150 mg/kg | | 7 | |
| 04.1.2.11 | Fruit fillings for pastries | 150 mg/kg | | 7 | |

TOCOPHEROLS

Function: Antioxidant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|------|------|
| 04.2.2.2 | Dried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 200 mg/kg | | 7 | |
| 04.2.2.5 | Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed purees and spreads (e.g., peanut butter) | 25 mg/kg | | 7 | |
| 04.2.2.8 | Cooked or fried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds | 200 mg/kg | | 7 | |
| 05.1.1 | Cocoa mixes (powders) and cocoa mass/cake | 500 mg/kg | Note 15 | 7 | |
| 05.1.2 | Cocoa mixes (syrops) | 500 mg/kg | Note 15 | 7 | |
| 05.1.3 | Cocoa-based spreads, including fillings | 500 mg/kg | Note 15 | 7 | |
| 05.1.4 | Cocoa and chocolate products | 750 mg/kg | Note 15 | 7 | |
| 05.1.5 | Imitation chocolate, chocolate substitute products | 500 mg/kg | Note 15 | 7 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 500 mg/kg | Note 15 | 7 | |
| 05.3 | Chewing gum | 1500 mg/kg | | 7 | |
| 05.4 | Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces | 500 mg/kg | Note 15 | 7 | |
| 06.2 | Flours and starches (including soybean powder) | 600 mg/kg | | 7 | |
| 06.3 | Breakfast cereals, including rolled oats | 85 mg/kg | | 7 | |
| 06.4.2 | Dried pastas and noodles and like products | 2000 mg/kg | | 4 | |
| 06.4.3 | Pre-cooked pastas and noodles and like products | 200 mg/kg | | 4 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 150 mg/kg | | 7 | |
| 06.6 | Batters (e.g., for breading or batters for fish or poultry) | 5 mg/kg | | 7 | |
| 07.0 | Bakery wares | 200 mg/kg | | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | 300 mg/kg | Note 15 | 7 | |
| 08.2 | Processed meat, poultry, and game products in whole pieces or cuts | 3000 mg/kg | | 7 | |
| 08.3 | Processed comminuted meat, poultry, and game products | 3000 mg/kg | | 7 | |
| 08.4 | Edible casings (e.g., sausage casings) | 5000 mg/kg | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 15 | 7 | |
| 10.4 | Egg-based desserts (e.g., custard) | 150 mg/kg | | 7 | |
| 12.2 | Herbs, spices, seasonings and condiments (e.g., seasoning for instant noodles) | 1000 mg/kg | | 7 | |
| 12.4 | Mustards | 200 mg/kg | | 7 | |
| 12.5 | Soups and broths | 200 mg/kg | | 7 | |
| 12.6.1 | Emulsified sauces (e.g., mayonnaise, salad dressing) | 600 mg/kg | | 7 | |
| 12.6.2 | Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy) | 600 mg/kg | | 7 | |

TOCOPHEROLS

Function: Antioxidant

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|------|------|
| 12.6.3 | Mixes for sauces and gravies | 300 mg/kg | | 7 | |
| 12.6.4 | Clear sauces (e.g., fish sauce) | 300 mg/kg | | 7 | |
| 12.7 | Salads (e.g., macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories 04.2.2.5 and 05.1.3 | 200 mg/kg | | 7 | |
| 12.8 | Yeast and like products | 200 mg/kg | | 7 | |
| 13.1.1 | Infant formulae | 10 mg/kg | Note 72 | 7 | |
| 13.1.2 | Follow-up formulae | 30 mg/kg | Note 72 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | 1000 mg/kg | | 7 | |
| 13.2 | Complementary foods for infants and young children | 1000 mg/kg | | 7 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | GMP | | 4 | |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | GMP | | 4 | |
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | GMP | | 4 | |
| 13.6 | Food supplements | 150 mg/kg | | 4 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 1000 mg/kg | Note 15 | 7 | |
| 14.2.7 | Aromatized alcoholic beverages (e.g., beer, wine and spirituous cooler-type beverages, low alcoholic refreshers) | 150 mg/kg | | 7 | |
| 15.1 | Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes) | 200 mg/kg | | 7 | |
| 15.2 | Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit) | 1500 mg/kg | | 7 | |

TOSOM

Thermally Oxidized Soya Bean Oil with Mono- and Di-Glycerides of Fatty Acids (TOSOM) INS: 479

Function: Emulsifier

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|---------|------|
| 02.2.1.2 | Margarine and similar products | 5000 mg/kg | | Adopted | 1999 |
| 02.2.2 | Emulsions containing less than 80% fat | 5000 mg/kg | | Adopted | 1999 |

TRAGACANTH GUM

Tragacanth Gum INS: 413

Function: Bulking Agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--------------------|----------|----------|------|------|
| 01.1.1.2 | Buttermilk (plain) | GMP | | 7 | |

TRAGACANTH GUM

Function: Bulking Agent, Emulsifier, Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 7 | |
| 01.2.2 | Renneted milk (plain) | GMP | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | GMP | | 7 | |
| 02.1.2 | Vegetable oils and fats | 13000 mg/kg | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 13000 mg/kg | | 7 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Note 16 | 7 | |
| 04.1.1.3 | Peeled or cut fresh fruit | GMP | | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 16 | 7 | |
| 04.2.1.3 | Peeled, cut or shredded fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 06.4.1 | Fresh pastas and noodles and like products | GMP | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 7 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | Note 16 | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |
| 14.2.3 | Grape wines | GMP | | 7 | |

TRIETHYL CITRATE

Triethyl Citrate

INS: 1505

TRIETHYL CITRATE

Function: Antifoaming Agent, Carrier solvent, Sequestrant, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|---------|------|
| 10.2.1 | Liquid egg products | 2500 mg/kg | Note 47 | Adopted | 1999 |
| 10.2.3 | Dried and/or heat coagulated egg products | 2500 mg/kg | Note 47 | Adopted | 1999 |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 200 mg/kg | | Adopted | 1999 |

TRIPOTASSIUM CITRATE

Tripotassium Citrate

INS: 332ii

Function: Acidity Regulator, Antioxidant, Emulsifier, Sequestrant, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|---------|------|
| 01.1.1.2 | Buttermilk (plain) | GMP | | 7 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 7 | |
| 01.2.2 | Renneted milk (plain) | GMP | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | 5000 mg/kg | | 7 | |
| 01.8.2 | Dried whey and whey products, excluding whey cheeses | GMP | | Adopted | 2006 |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 02.2.1.2 | Margarine and similar products | GMP | | 4 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Note 16 | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 16 | 7 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | Note 16 | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 61 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 7 | |

TRIPOTASSIUM CITRATE

Function: Acidity Regulator, Antioxidant, Emulsifier, Sequestrant, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|------|------|
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 13.1.1 | Infant formulae | GMP | Note 72 | 7 | |
| 13.1.2 | Follow-up formulae | GMP | Note 72 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | 2000 mg/kg | | 4 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |

TRISODIUM CITRATE

Trisodium Citrate

INS: 331iii

Function: Acidity Regulator, Antioxidant, Emulsifier, Sequestrant, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|------------|----------|------|--------------|
| 01.1.1 | Milk and buttermilk (plain) | GMP | | 7 | |
| 01.2.1 | Fermented milks (plain) | 1500 mg/kg | Note 63 | 7 | |
| 01.2.2 | Renneted milk (plain) | GMP | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | 1000 mg/kg | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | 5000 mg/kg | | 7 | |
| 01.8.2 | Dried whey and whey products, excluding whey cheeses | GMP | | | Adopted 2006 |
| 02.1.1 | Butter oil, anhydrous milkfat, ghee | GMP | | | Adopted 2006 |
| 02.1.2 | Vegetable oils and fats | GMP | | 7 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | GMP | | 7 | |
| 02.2.1.2 | Margarine and similar products | GMP | | 4 | |
| 04.1.1 | Fresh fruit | 2000 mg/kg | | 7 | |
| 04.2.1 | Fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | 2000 mg/kg | | 7 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 4 | |
| 06.2 | Flours and starches (including soybean powder) | GMP | | 4 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | 5000 mg/kg | | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |

TRISODIUM CITRATE

Function: Acidity Regulator, Antioxidant, Emulsifier, Sequestrant, Stabilizer

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|------------|----------|------|------|
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 61 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 10.2.1 | Liquid egg products | GMP | | 7 | |
| 10.2.2 | Frozen egg products | GMP | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 13.1.1 | Infant formulae | GMP | Note 72 | 7 | |
| 13.1.2 | Follow-up formulae | GMP | Note 72 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | 2000 mg/kg | | 4 | |
| 13.2 | Complementary foods for infants and young children | 5000 mg/kg | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |

XANTHAN GUM

Xanthan Gum

INS: 415

Function: Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 01.1.1.1 | Milk (plain) | GMP | | 7 | |
| 01.1.1.2 | Buttermilk (plain) | 3000 mg/kg | | 7 | |
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | GMP | | 4 | |
| 01.2.1.1 | Fermented milks (plain), not heat-treated after fermentation | GMP | | 7 | |
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | 5000 mg/kg | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | GMP | | 7 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | 5000 mg/kg | | 7 | |
| 02.1.2 | Vegetable oils and fats | 10000 mg/kg | | 4 | |
| 02.1.3 | Lard, tallow, fish oil, and other animal fats | 10000 mg/kg | | 4 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | | 7 | |
| 04.1.1.3 | Peeled or cut fresh fruit | GMP | | 7 | |

XANTHAN GUM

Function: Stabilizer, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|---------------|------|------|
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.1.3 | Peeled, cut or shredded fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.2.1 | Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | GMP | | 4 | |
| 06.4.1 | Fresh pastas and noodles and like products | 10000 mg/kg | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | 10000 mg/kg | | 4 | |
| 08.1 | Fresh meat, poultry, and game | GMP | | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | 160 mg/kg | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Notes 41 & 61 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.4 | Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 10.2.1 | Liquid egg products | GMP | | 7 | |
| 10.2.2 | Frozen egg products | GMP | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | 5000 mg/kg | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | 1200 mg/kg | | 4 | |
| 13.2 | Complementary foods for infants and young children | 20000 mg/kg | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | GMP | | 7 | |
| 14.2.3 | Grape wines | GMP | | 7 | |

XYLITOL

Xylitol

INS: 967

Function: Bulking Agent, Emulsifier, Humectant, Stabilizer, Sweetener, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | 30000 mg/kg | | 7 | |

XYLITOL

Function: Bulking Agent, Emulsifier, Humectant, Stabilizer, Sweetener, thickener

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-------------|----------|------|------|
| 01.2.1.2 | Fermented milks (plain), heat-treated after fermentation | GMP | | 7 | |
| 01.2.2 | Renneted milk (plain) | GMP | | 7 | |
| 01.4.1 | Pasteurized cream (plain) | 30000 mg/kg | | 4 | |
| 01.4.2 | Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain) | 30000 mg/kg | | 4 | |
| 04.1.1.2 | Surface-treated fresh fruit | GMP | Note 16 | 7 | |
| 04.2.1.2 | Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds | GMP | Note 16 | 7 | |
| 04.2.2.7 | Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10 | 10000 mg/kg | | 4 | |
| 06.4.2 | Dried pastas and noodles and like products | GMP | | 7 | |
| 08.1.1 | Fresh meat, poultry, and game, whole pieces or cuts | GMP | Note 16 | 7 | |
| 08.1.2 | Fresh meat, poultry, and game, comminuted | GMP | | 7 | |
| 09.1 | Fresh fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.1 | Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.2 | Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.3 | Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.4.1 | Cooked fish and fish products | GMP | | 7 | |
| 09.2.4.2 | Cooked mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 09.2.4.3 | Fried fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | Note 16 | 7 | |
| 09.2.5 | Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms | GMP | | 7 | |
| 11.4 | Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings) | GMP | | 7 | |
| 12.1.2 | Salt Substitutes | GMP | | 7 | |
| 12.2.1 | Herbs and spices | GMP | Note 51 | 7 | |
| 13.1.3 | Formulae for special medical purposes for infants | 20000 mg/kg | | 4 | |
| 13.2 | Complementary foods for infants and young children | GMP | | 7 | |
| 14.1.5 | Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa | 30000 mg/kg | | 4 | |

ZEAXANTHIN (SYNTHETIC)

Zeaxanthin (synthetic)

INS: 161hi

Function: Colour

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--------------|----------|----------|------|------|
|-----------|--------------|----------|----------|------|------|

ZEAXANTHIN (SYNTHETIC)

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|---|-----------|----------|------|------|
| 01.1.2 | Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog, drinking yoghurt, whey-based drinks) | 100 mg/kg | | 4 | |
| 01.2 | Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks) | 100 mg/kg | | 4 | |
| 01.6.1 | Unripened cheese | 100 mg/kg | | 4 | |
| 01.6.2 | Ripened cheese | 100 mg/kg | | 4 | |
| 01.6.4 | Processed cheese | 100 mg/kg | | 4 | |
| 01.6.5 | Cheese analogues | 100 mg/kg | | 4 | |
| 01.7 | Dairy-based desserts (e.g., pudding, fruit or flavoured yoghurt) | 150 mg/kg | | 4 | |
| 02.2.2 | Emulsions containing less than 80% fat | 100 mg/kg | | 4 | |
| 02.3 | Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions | 50 mg/kg | | 4 | |
| 02.4 | Fat-based desserts excluding dairy-based dessert products of food category 01.7 | 150 mg/kg | | 4 | |
| 03.0 | Edible ices, including sherbet and sorbet | 150 mg/kg | | 4 | |
| 04.1.2.7 | Candied fruit | 200 mg/kg | | 4 | |
| 04.1.2.9 | Fruit-based desserts, including fruit-flavoured water-based desserts | 150 mg/kg | | 4 | |
| 05.2 | Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4 | 300 mg/kg | | 4 | |
| 05.3 | Chewing gum | 100 mg/kg | | 4 | |
| 06.3 | Breakfast cereals, including rolled oats | 100 mg/kg | | 4 | |
| 06.5 | Cereal and starch based desserts (e.g., rice pudding, tapioca pudding) | 100 mg/kg | | 4 | |
| 07.1.2 | Crackers, excluding sweet crackers | 50 mg/kg | | 4 | |
| 07.2 | Fine bakery wares (sweet, salty, savoury) and mixes | 100 mg/kg | | 4 | |
| 08.4 | Edible casings (e.g., sausage casings) | GMP | | 4 | |
| 10.2 | Egg products | 100 mg/kg | | 4 | |
| 10.4 | Egg-based desserts (e.g., custard) | 100 mg/kg | | 4 | |
| 12.2.2 | Seasonings and condiments | 500 mg/kg | | 4 | |
| 12.5 | Soups and broths | 50 mg/kg | | 4 | |
| 12.6.1 | Emulsified sauces (e.g., mayonnaise, salad dressing) | 50 mg/kg | | 4 | |
| 12.6.2 | Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy) | 50 mg/kg | | 4 | |
| 12.9 | Protein products | 100 mg/kg | | 4 | |
| 13.3 | Dietetic foods intended for special medical purposes (excluding products of food category 13.1) | 50 mg/kg | | 4 | |
| 13.4 | Dietetic formulae for slimming purposes and weight reduction | 50 mg/kg | | 4 | |
| 13.5 | Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6 | 100 mg/kg | | 4 | |

ZEAXANTHIN (SYNTHETIC)

| FoodCatNo | FoodCategory | MaxLevel | Comments | Step | Year |
|-----------|--|-----------|----------|------|------|
| 13.6 | Food supplements | 300 mg/kg | | 4 | |
| 14.1.3.2 | Vegetable nectar | 100 mg/kg | | 4 | |
| 14.1.3.4 | Concentrates for vegetable nectar | 100 mg/kg | | 4 | |
| 14.1.4 | Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks | 100 mg/kg | | 4 | |
| 15.0 | Ready-to-eat savouries | 100 mg/kg | | 4 | |
| 16.0 | Composite foods - foods that could not be placed in categories 01 - 15 | 100 mg/kg | | 4 | |

Notes to the Comments for the Revised General Standard for Food Additives (39th CCFAC)

- Note 1 As adipic acid
- Note 2 On dry ingredient, dry weight, dry mix or concentrate basis.
- Note 3 Surface treatment.
- Note 4 For decoration, stamping, marking or branding the product.
- Note 5 Used in raw materials for manufacture of the finished food.
- Note 6 As aluminium.
- Note 7 Use level not in finished food.
- Note 8 As bixin.
- Note 9 As total bixin or norbixin.
- Note 10 As ascorbyl stearate.
- Note 11 Flour basis.
- Note 12 Carryover from flavouring substances.
- Note 13 As benzoic acid.
- Note 14 Served at greater than 5-fold dilution.
- Note 15 Fat or oil basis.
- Note 16 For use in glaze, coatings or decorations for fruit, vegetables, meat or fish.
- Note 17 As cyclamic acid.
- Note 18 Added level; residue not detected in ready-to-eat food.
- Note 19 Used in cocoa fat; use level on ready-to-eat basis.
- Note 20 On total amount of stabilizers, thickeners and/or gums.
- Note 21 As anhydrous calcium disodium EDTA.
- Note 22 For use in smoked fish products only.
- Note 23 As iron.
- Note 24 As anhydrous sodium ferrocyanide.
- Note 25 As formic acid.
- Note 26 For use in baking powder only.
- Note 27 As p-hydroxybenzoic acid.
- Note 28 ADI conversion: if a typical preparation contains 0.025 µg/U, then the ADI of 33,000 U/kg bw becomes: $[(33000 \text{ U/kg bw}) \times (0.025 \text{ µg/U}) \times (1 \text{ mg}/1000 \text{ µg})] = 0.825 \text{ mg/kg bw}$
- Note 29 Reporting basis not specified.
- Note 30 As residual NO₃ ion.
- Note 31 Of the mash used.
- Note 32 As residual NO₂ ion.
- Note 33 As phosphorus.
- Note 34 Anhydrous basis.
- Note 35 For use in cloudy juices only.
- Note 36 Residual level.
- Note 37 As weight of nonfat milk solids.
- Note 38 Level in creaming mixture.
- Note 39 Only when product contains butter or other fats and oils.
- Note 40 INS 451i (pentasodium triphosphate) only, to enhance the effectiveness of benzoates and sorbates.
- Note 41 Use in breading or batter coatings only.
- Note 42 As sorbic acid
- Note 43 As tin.
- Note 44 As residual SO₂.
- Note 45 As tartaric acid.
- Note 46 As thiodipropionic acid.
- Note 47 On egg yolk weight, dry basis.
- Note 48 For olives only.
- Note 49 For use on citrus fruits only.

- Note 50 For use in fish roe only.
- Note 51 For use in herbs only.
- Note 52 Excluding chocolate milk.
- Note 53 For use in coatings only.
- Note 54 For use in cocktail cherries and candied cherries only.
- Note 55 Added level.
- Note 56 Provided starch is not present.
- Note 57 GMP is 1 part benzoyl peroxide and not more than 6 parts of the subject additive by weight.
- Note 58 As calcium.
- Note 59 Use as packing gas.
- Note 60 If used as a carbonating agent, the CO₂ in the finished wine shall not exceed 39.2 mg/kg.
- Note 61 For use in minced fish only.
- Note 62 As copper.
- Note 63 On amount of dairy ingredients.
- Note 64 Level added to dry beans; 200 mg/kg in ready-to-eat food, anhydrous basis.
- Note 65 Carryover from nutrient preparations.
- Note 66 As formaldehyde. For use in provolone cheese only.
- Note 67 Except for use in liquid egg whites at 8800 mg/kg as phosphorus, and in liquid whole eggs at 14,700 mg/kg as phosphorus.
- Note 68 For use in products with no added sugar only.
- Note 69 Use as carbonating agent.
- Note 70 As the acid.
- Note 71 Calcium, potassium and sodium salts only.
- Note 72 Ready-to-eat basis.
- Note 73 Except whole fish.
- Note 74 Use level for deep orange coloured cheeses; 25 mg/kg for orange coloured cheeses; 10 mg/kg for normal coloured cheeses.
- Note 75 Use in milk powder for vending machines only.
- Note 76 Use in potatoes only.
- Note 77 For special nutritional uses only.
- Note 78 For use in tocino (fresh, cured sausage) only.
- Note 79 For use on nuts only.
- Note 80 Equivalent to 2 mg/dm² surface application to a maximum depth of 5 mm.
- Note 81 Equivalent to 1 mg/dm² surface application to a maximum depth of 5 mm.
- Note 82 For use in shrimp; 6000 mg/kg for Crangon crangon and Crangon vulgaris.
- Note 83 L(+)-form only.
- Note 84 For infants over 1 year of age only.
- Note 85 Excluding use in surimi and fish roe products at 500 mg/kg.
- Note 86 Use in whipped dessert toppings other than cream only.
- Note 87 Treatment level.
- Note 88 Carryover from the ingredient.
- Note 89 Except for use in dried tangle (KONBU) at 150 mg/kg.
- Note 90 For use in milk-sucrose mixtures used in the finished product.
- Note 91 Benzoates and sorbates, singly or in combination.
- Note 92 Excluding tomato-based sauces.
- Note 93 Except natural wine produced from Vitis Vinifera grapes.
- Note 94 For use in loganiza (fresh, uncured sausage) only.
- Note 95 For use in surimi and fish roe products only.
- Note 96 On a dried weight basis of the high intensity sweetener.
- Note 97 In cocoa and chocolate products.
- Note 98 For dust control.
- Note 99 For use in fish fillets and minced fish only.
- Note 100 For use as a dispersing agent in dill oil used in the final food.

- Note 101 Level based on the maximum recommended daily dose of 475 mg/dose, assuming one 600 mg tablet is consumed per day.
- Note 102 For use as a surfactant or wetting agent for colours in the food.
- Note 103 Except for use in special white wines at 400 mg/kg.
- Note 104 Maximum 5000 mg/kg residue in bread and yeast-leavened bakery products.
- Note 105 Except for use in dried gourd strips (KAMPYO) at 5000 mg/kg.
- Note 106 Except for use in Dijon mustard at 500 mg/kg.
- Note 107 Except for use of sodium ferrocyanide (INS 535) in food-grade dendritic salt at 29 mg/kg as anhydrous sodium ferrocyanide
- Note 108 For use on coffee beans only.
- Note 109 Use level reported as $25 \text{ lbs}/1000 \text{ gal} \times (0.45 \text{ kg}/\text{lb}) \times (1 \text{ gal}/3.75 \text{ L}) \times (1 \text{ L}/\text{kg}) \times (106 \text{ mg}/\text{kg}) = 3000 \text{ mg}/\text{kg}$
- Note 110 For use in frozen French fried potatoes only.
- Note 111 Excluding dried glucose syrup used in the manufacture of sugar confectionery at 150 mg/kg and glucose syrup used in the manufacture of sugar confectionery at 400 mg/kg
- Note 112 For use in grated cheese only.
- Note 113 Use level reported as acesulfame potassium equivalents.
- Note 114 Excluding cocoa powder.
- Note 115 For use in pineapple juice only.
- Note 116 For use in doughs only.
- Note 117 Except for use in loganiza (fresh, uncured sausage) at 1000 mg/kg.
- Note 118 Except for use in tocino (fresh, cured sausage) at 1000 mg/kg.
- Note 119 Use level reported as aspartame equivalents.
- Note 120 Except for use in caviar at 2500 mg/kg.
- Note 121 Excluding fermented fish products at 1000 mg/kg.
- Note 122 Subject to national legislation of the importing country.
- Note 123 1000 mg/kg for beverages with pH greater than 3.5.
- Note 124 Only for products containing less than 7% ethanol.
- Note 125 For use as a release agent for baking pans in a mixture with vegetable oil.
- Note 126 For releasing dough in dividing or baking only.
- Note 127 As served to the consumer.
- Note 128 INS 334 (Tartaric Acid) only.
- Note 129 For use as an acidity regulator in grape juice.
- Note 130 Singly or in combination: Butylated Hydroxyanisole (BHA, INS 320), Butylated Hydroxytoluene (BHT, INS 321), Tertiary Butylated Hydroquinone (TBHQ, INS 319), and Propyl Gallate (INS 310).
- Note 131 As a result of use as a flavour carrier.
- Note 132 Except for use at 500 mg/kg (dried basis) in semi-frozen beverages.
- Note 133 Any combination of Butylated Hydroxyanisole (BHA, INS 320), Butylated Hydroxytoluene (BHT, INS 321), and Propyl Gallate (INS 310) at 200 mg/kg, provided that single use limits are not exceeded.
- Note 134 For baking purposes only.
- Note 135 Except for use in dried apricots at 2000 mg/kg, bleached raisins at 1500 mg/kg, and dessicated coconut at 50 mg/kg.
- Note 136 For use in white vegetables only.
- Note 137 Except for use in frozen avocado at 300 mg/kg.
- Note 138 For use in energy-reduced products only.
- Note 139 For use in mollusks, crustaceans, and echinoderms only.
- Note 140 Except for use in canned abalone (PAUA) at 1000 mg/kg.
- Note 141 For use in white chocolate only.
- Note 142 Excluding coffee and tea.
- Note 143 For use in fruit juice-based drinks and dry ginger ale only.
- Note 144 For use in sweet and sour products only.
- Note 145 Products are energy reduced or with no added sugar.
- Note 146 Use level for synthetic β -Carotene (INS 160ai); 35 mg/kg for β -Apo-8-carotenal (INS 160e) and β -Apo-8-carotenoic acid, methyl or ethyl ester (INS 160f).

Note 147 Excluding whey powders for infant food.

Note 148 Use as an antioxidant synergist.

Note 149 Use temporarily endorsed.

Note 150 Use level for soy-based formula; 25,000 mg/kg for hydrolyzed protein and/or amino acid-based formula.

Note 151 Use level for soy-based formula; 1,000 mg/kg for hydrolyzed protein and/or amino acid-based formula.

Note 152 For frying purposes only.