#### <sup>18</sup>[APPENDIX A:

#### I.FOOD CATEGORY SYSTEM

The food category system is a tool for assigning food additive uses in these Regulations. The food category system applies to all foodstuffs. The food category descriptors are not to be legal product designations nor are they intended for labelling purposes. The food category system is based on the following principles:

- (a) The food category system is hierarchical, meaning that when an additive is recognised for use in a general category, it is recognised for use in all its sub-categories, unless otherwise stated. Similarly, when an additive is recognised for use in a sub-category, its use is recognised in any further subcategories or individual foodstuffs mentioned in a sub-category. The food category system is based on product descriptors of foodstuffs as marketed, unless otherwise stated.
- (b) The food category system takes into consideration the carry-over principle. By doing so, the food category system does not need to specifically mention compound foodstuffs (e.g. prepared meals, such as pizza, because they may contain, pro rata, all the additives endorsed for use in their components), unless the compound foodstuff needs an additive that is not endorsed for use in any of its components.

#### 1.0Dairy products and analogues, excluding products of food category 2.0

- 1.1 Milk and dairy-based drinks
  - 1.1.1 Milk and buttermilk (plain)
    - 1.1.1.1 Milk (plain)
    - 1.1.1.2 Buttermilk (plain)
  - 1.1.2Dairy-based drinks, flavoured and/or fermented

- 1.2 Fermented and renneted milk products (plain), excluding food category (dairybased drinks)
  - 1.2.1 Fermented milks (plain)
    - 1.2.1.1 Fermented milks (plain), not heat-treated after fermentation
    - 1.2.1.2 Fermented milks (plain), heat-treated after fermentation
  - 1.2.2 Renneted milk (plain)
- 1.3 Condensed milk and analogues (plain)
  - 1.3.1 Condensed milk (plain)
  - 1.3.2 Beverage whiteners
    - <sup>52</sup>[1.3.2.1 Non dairy based beverage whitener]

#### 1.4 Cream (plain) and the like

- 1.4.1 Pasteurized cream (plain)
- 1.4.2 Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams(plain)
- 1.4.3 Clotted cream (plain)
- 1.4.4 Cream analogues
- 1.5 Milk powder and cream powder and powder analogues (plain)
  - 1.5.1 Milk powder and cream powder (plain)
     <sup>52</sup>[1.5.1.1 Dairy based dairy whitener]
  - 1.5.2 Milk and cream powder analogues

#### 1.6 Cheese and analogues

- 1.6.1 Unripened cheese
- 1.6.2 Ripened cheese
  - 1.6.2.1 Ripened cheese, includes rind
  - 1.6.2.2 Rind of ripened cheese
  - 1.6.2.3 Cheese powder
- 1.6.3 Whey cheese
- 1.6.4 Processed cheese
  - 1.6.4.1 Plain processed cheese
  - 1.6.4.2 Flavoured processed cheese, including containing fruit, vegetables, meat etc.
- 1.6.5 Cheese analogues
- 1.6.6 Whey protein cheese
- 1.7 Dairy-based desserts
- 1.8 Whey and whey products, excluding whey cheeses
  - 1.8.1 Liquid whey and whey products, excluding whey cheeses

#### 1.8.2 Dried whey and whey products, excluding whey cheeses.

#### 2.0 Fats and oils, and fat emulsions

2.1 Fats and oils essentially free from water

#### 2.1.1 Butter oil, anhydrous milk fat, ghee

2.1.2 Vegetable oils and fats

2.1.3 Lard, tallow, fish oil, and other animal fats

2.2 Fat emulsions mainly of type water-in-oil

2.2.1 Butter

2.2.2 Fat spreads, dairy fat spreads and blended spreads

2.3 Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions

2.4 Fat-based desserts excluding dairy-based dessert products of food category 1.7

2.4.1 Coco based spreads, including fillings

#### **3.0Edible ices, including sherbet and sorbet**

### 4.0Fruits and vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds

4.1 Fruit

4.1.1 Fresh fruit

4.1.1.1 Untreated fresh fruit

4.1.1.2 Surface-treated fresh fruit

<sup>52</sup>[4.1.1.3 Peeled or cut, minimally processed fruit]

4.1.2 Processed fruit

4.1.2.1 Frozen fruit

4.1.2.2 Dried fruit, nuts and seeds

4.1.2.3 Fruit in vinegar, oil, or brine

- 4.1.2.4 Canned or bottled (pasteurized) fruit
- 4.1.2.5 Jams, jellies, marmalades, fruit bar/toffee and fruit cheese
- <sup>52</sup>[4.1.2.6 Fruit-based spreads (e.g. chutney) excluding products of food-category 4.1.2.5]
- 4.1.2.7 Candied fruit
- 4.1.2.8 Fruit preparations, including pulp, purees, fruit toppings and coconut milk
- 4.1.2.9 Fruit-based desserts, including fruit-flavoured water-based desserts
- 4.1.2.10 Fermented fruit products
- 4.1.2.11 Fruit fillings for pastries
- 4.1.2.12 Cooked fruit
- 4.2 Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloevera), seaweeds, and nuts and seeds

4.2.1 Fresh vegetables, (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds and nuts and seeds

- 4.2.1.1 Untreated fresh vegetables, (including mushrooms and fungi, roots and tubers, pulses and legumes including soybeans, and aloe vera), seaweeds and nuts and seeds
- 4.2.1.2 Surface-treated fresh vegetables, (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds and nuts and seeds
- <sup>52</sup>[4.2.1.3 Peeled, cut or shredded minimally processed vegetables [(including mushrooms and fungi, roots and tubers, fresh

pulses and legumes, and aloe vera) sea weeds, nuts and seeds]]

4.2.2 Processed vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds

- 4.2.2.1 Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds and nuts and seeds
- 4.2.2.2 Dried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds
- 4.2.2.3 Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds in vinegar, oil, brine, or soybean sauce
- 4.2.2.4 Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloevera), and seaweeds
- 4.2.2.5 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)
- 4.2.2.6 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 4.2.2.5
- 4.2.2.7 Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweed products, excluding fermented soybean products of food categories 6.8.6, 06.8.7, 12.9.1, 12.9.2.1 and 12.9.2.3

4.2.2.8 Cooked or fried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds

#### **5.0** Confectionery

- 5.1 Cocoa products and chocolate products including imitations and chocolate substitutes
  - 5.1.1 Cocoa mixes (powders) and cocoa mass/cake
  - 5.1.2 Cocoa mixes (syrups)
  - 5.1.3 Cocoa and chocolate products
  - 5.1.4 Imitation chocolate, chocolate substitute products
- 5.2 Confectionery including hard and soft candy, nougats, etc. other than food categories 5.1,5.3, and 5.4
  - 5.2.1 Hard candy
  - 5.2.2 Soft candy
  - 5.2.3 Nougats and marzipans
- 5.3Chewing gum

5.4 Decorations (e.g. for fine bakery wares), toppings (non-fruit), and sweet sauces

## 6.0 Cereals and cereal products, derived from cereal grains, from roots and tubers, pulses, legumes and pith or soft core of palm tree, excluding bakery wares of food category 7.0

6.1 Whole, broken, or flaked grain, including rice

6.2 Flours and starches (including soybean powder)

6.2.1 Flours

6.2.2 Starches

- 6.3 Breakfast cereals, including rolled oats
- 6.4 Pastas and noodles and like products
  - 6.4.1 Fresh pastas and noodles and like products
  - 6.4.2 Dried pastas and noodles and like products
  - 6.4.3 Pre-cooked pastas and noodles and like products
- 6.5 Cereal and starch based desserts

#### 6.6 Batters

- 6.7 Pre-cooked or processed cereal/grain/legume products
- 6.8 Soybean products (excluding soybean-based seasonings and condiments of food category12.9)
  - 6.8.1 Soybean-based beverages
  - 6.8.2 Soybean-based beverage film
  - 6.8.3 Soybean curd (tofu)
  - 6.8.4 Semi-dehydrated soybean curd
    - 6.8.4.1 Thick gravy-stewed semi-dehydrated soybean curd
    - 6.8.4.2 Deep fried semi-dehydrated soybean curd
    - 6.8.4.3Semi-dehydrated soybean curd, other than food categories 6.8.4.1 and 6.8.4.2

- 6.8.5 Dehydrated soybean curd
- 6.8.6 Fermented soybeans
- 6.8.7 Fermented soybean curd
- 6.8.8 Other soybean protein products

#### 7.0 Bakery wares

- 7.1 Bread and ordinary bakery wares and mixes
  - 7.1.1 Breads and rolls
    - 7.1.1.1 Yeast-leavened breads and specialty breads
    - 7.1.1.2 Soda breads
  - 7.1.2 Crackers
  - 7.1.3 Other ordinary bakery products
  - 7.1.4 Bread-type products, including bread stuffing and bread crumbs
  - 7.1.5 Steamed breads and buns
  - 7.1.6 Mixes for bread and ordinary bakery wares
- 7.2 Fine bakery wares (sweet, salty, savoury) and mixes
  - 7.2.1 Cakes, cookies and pies
  - 7.2.2 Other fine bakery products
  - 7.2.3 Mixes for fine bakery wares

#### 8.0 Meat and meat products including poultry

- 8.1 Fresh meat and poultry,
  - 8.1.1 Fresh meat and poultry whole pieces or cuts
  - 8.1.2 Fresh meat and poultry comminuted
- 8.2 Processed meat and poultry products in whole pieces or cuts
  - 8.2.1 Non-heat treated processed meat and poultry products in whole pieces or cuts
    - 8.2.1.1 Cured (including salted) non-heat treated processed meat and poultry products in whole pieces or cuts
    - 8.2.1.2 Cured (including salted) and dried non-heat treated processed meat and poultry products in whole pieces or cuts
    - 8.2.1.3 Fermented non-heat treated processed meat and poultry products in whole pieces or cuts
  - 8.2.2 Heat-treated processed meat and poultry products in whole pieces or cuts
  - 1.2.3 <sup>77</sup>[Frozen raw, flavoured/marinated, processed meat and poultry products in whole pieces or cuts]
- 8.3 Processed comminuted meat and poultry products
  - 8.3.1 Non-heat treated processed comminuted meat and poultry products
    - 8.3.1.1 Cured (including salted) non-heat treated processed comminuted meat and poultry products
    - 8.3.1.2 Cured (including salted) and dried non-heat treated processed comminuted meat and poultry products

### 8.3.1.3 Fermented non-heat treated processed comminuted meat and poultry products

- 8.3.2 Heat-treated processed comminuted meat and poultry products
- 8.3.3 Frozen processed comminuted meat and poultry products
- 8.4 Edible casings

#### 9.0 Fish and fish products, including molluscs, crustaceans, and echinoderms

- 9.1 Fresh fish and fish products, including molluscs, crustaceans, and echinoderms
  - 9.1.1 Fresh fish
  - 9.1.2 Fresh molluscs, crustaceans, and echinoderms

9.2 Processed fish and fish products, including molluscs, crustaceans, and echinoderms

- 9.2.1 Frozen fish, fish fillets, and fish products, including molluscs, crustaceans, and echinoderms
- 09.2.2 Frozen battered fish, fish fillets and fish products, including molluscs, crustaceans, and echinoderms
- 9.2.3 Frozen minced and creamed fish products, including molluscs, crustaceans, and echinoderms
- 9.2.4 Cooked and/or fried fish and fish products, including molluscs, crustaceans, and echinoderms
  - 9.2.4.1 Cooked fish and fish products
  - 9.2.4.2 Cooked molluscs, crustaceans, and echinoderms

### 9.2.4.3 Fried fish and fish products, including molluscs, crustaceans, and Echinoderms

- 9.2.5 Smoked, dried, fermented, and/or salted fish and fish products, including molluscs, crustaceans, and echinoderms
- 9.3 Semi-preserved fish and fish products, including molluscs, crustaceans, and echinoderms
  - 9.3.1 Fish and fish products, including molluscs, crustaceans, and echinoderms, marinated and/or in jelly
  - 9.3.2 Fish and fish products, including molluscs, crustaceans and echinoderms, pickled and/or in brine
  - 9.3.3 Salmon substitutes, caviar and other fish roe products
  - 9.3.4 Semi-preserved fish and fish products, including molluscs, crustaceans and echinoderms (e.g. fish paste), excluding products of food categories 9.3.1 9.3.3
- 9.4 Fully preserved, including canned or fermented fish and fish products, including molluscs, crustaceans, and echinoderms

#### 10.0 Eggs and egg products

- 10.1 Fresh eggs
- 10.2 Egg products
  - 10.2.1 Liquid egg products
  - 10.2.2 Frozen egg products
  - 10.2.3 Dried and/or heat coagulated egg products

- 10.3 Preserved eggs, including alkaline, salted, and canned eggs
- 10.4 Egg-based desserts

#### 11.0 Sweeteners, including honey

- 11.1 Refined and raw sugars
  - 11.1.1 White sugar, dextrose anhydrous, dextrose monohydrate, fructose
  - 11.1.2 Powdered sugar, powdered dextrose
  - 11.1.3 Soft white sugar, soft brown sugar, glucose syrup, dried glucose syrup, raw cane sugar

11.1.3.1 Dried glucose syrup used to manufacture sugar confectionery

11.1.3.2 Glucose syrup used to manufacture sugar confectionery

11.1.4 Lactose

11.1.5 Plantation or mill white sugar
<sup>52</sup>[11.1.6 Gur or Jaggery
11.1.6.1 Cane Jaggery or Gur
11.1.6.2 Palm Jaggery or Gur
11.1.6.3 Date Jaggery or Gur]

- 11.2 Brown sugar excluding products of food category 11.1.3
- 11.3 Sugar solutions and syrups, also (partially) inverted, including treacle and molasses, excluding products of food category 11.1.3
- 11.4 Other sugars and syrups 11.5 Honey

11.6 Table-top sweeteners, including those containing high-intensity sweeteners

#### 12.0 Salts, spices, soups, sauces, salads and protein products

12.1 Salt and salt substitutes

12.1.1 Salt

12.1.2 Salt substitutes

12.2 Herbs, spices, seasonings, and condiments

<sup>52</sup>[12.2.1 Herbs, spices, masalas, spice mixtures including oleoresins or extracts/derivatives thereof]

12.2.2 Seasonings and condiments

12.3 Vinegars

12.4 Mustards

12.5 Soups and broths

12.5.1 Ready-to-eat soups and broths, including canned, bottled, and frozen

12.5.2 Mixes for soups and broths

12.6 Sauces and like products

12.6.1 Emulsified sauces and dips

12.6.2 Non-emulsified sauces

12.6.3 Mixes for sauces and gravies

12.6.4 Clear sauces

12.7 Salads and sandwich spreads excluding cocoa-and nut based spreads of food categories 4.2.2.5 and 5.1.3

- 12.8 Yeast and like products
- 12.9 Soybean-based seasonings and condiments
  - 12.9.1 Fermented soybean paste
  - 12.9.2 Soybean sauce
    - 12.9.2.1 Fermented soybean sauce
    - 12.9.2.2 Non-fermented soybean sauce
    - 12.9.2.3 Other soybean sauces
- 12.10 Protein products other than from soybeans

#### 13.0 Foodstuffs intended for particular nutritional uses

- 13.1 Infant formulae, follow-on formulae, and formulae for special medical purposes for infants
  - 13.1.1 Infant formulae
  - 13.1.2 Follow-up formulae
  - 13.1.3 Formulae for special medical purposes for infants
- 13.2 Complementary foods for infants and young children
- 13.3 Dietetic foods intended for special medical purposes (excluding products of food category 13.1)
- 13.4 Dietetic formulae for slimming purposes and weight reduction
- 13.5 Dietetic foods (e.g. supplementary foods for dietary use) excluding products of food categories13.1- 13.4 and 13.6
- **15** | Version 1 (01.09.2023)

#### 13.6 Food supplements

#### 14.0 Beverages, excluding dairy products

14.1 Non-alcoholic ("soft") beverages

14.1.1 Waters

- 14.1.1.1 Natural mineral waters and source waters
- 14.1.1.2 Table waters and soda waters

14.1.2 Fruit and vegetable juices

- 14.1.2.1 Fruit juices
- 14.1.2.2 Vegetable juices
- 14.1.2.3 Concentrates of fruit juices
- 14.1.2.4 Concentrates of vegetable juices
- 14.1.3 Fruit and vegetable nectars
  - 14.1.3.1 Fruit nectar
  - 14.1.3.2 Vegetable nectar
  - 14.1.3.3 Concentrates of fruit nectar
  - 14.1.3.4 Concentrates of vegetable nectar
- 14.1.4 Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and articulated drinks

14.1.4.1 Carbonated water-based flavoured drinks

### 14.1.4.2 Non-carbonated water-based flavoured drinks, including punches and ades

14.1.4.3 Concentrates (liquid or solid) for water-based flavoured drinks

14.1.5 Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa

14.2 Alcoholic beverages, including alcohol-free and low-alcoholic counterparts

14.2.1 Beer and malt beverages

14.2.2 Cider and Perry

14.2.3 Grape wines

14.2.3.1 Still grape wine

14.2.3.2 Sparkling and semi-sparkling grape wines

14.2.3.3 Fortified grape wine, grape liquor wine, and sweet grape wine

14.2.4 Wines (other than grape)

14.2.5 Mead

14.2.6 Distilled spirituous beverages containing more than 15% alcohol

14.2.7 Aromatized alcoholic beverages

#### 15.0 Ready-to-eat savouries

15.1 Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes)

15.2 Processed nuts, including coated nuts and nut mixtures 15.3 Snacks - fish based

#### **II. FOOD CATEGORY DESCRIPTIONS**

The examples wherever given below are only indicative and not exhaustive.

#### 1.0 Dairy products and analogues, excluding products of food category 2.0

Includes all types of dairy products that are derived from the milk of healthy milch animal(s) (e.g. cow, sheep, goat, and buffalo). In this category, a "plain" product is one that is not flavoured, nor contains fruit, vegetables or other non-dairy ingredients, nor is mixed with other non-dairy ingredients, unless permitted by relevant standards. Analogues are products in which milk fat has been partially or wholly replaced by vegetable fats or oils.

#### 1.1 Milk and dairy-based drinks

Includes all plain and flavoured fluid milk products based on skim, part-skim, low-fat and whole milk.

#### **1.1.1Milk and buttermilk (plain)**

Includes plain fluid products only. Includes reconstituted plain milk that contains only dairy ingredients.

#### 1.1.1.1 Milk (plain)

Fluid milk obtained from milking animals (e.g. cows, sheep, goats, and buffalo). Milk is usually heat-treated by pasteurization, ultra-high temperature (UHT) treatment or sterilization. Includes skim, part-skim, low-fat and whole milk.

#### 1.1.1.2 Buttermilk (plain)

Buttermilk is the nearly milk fat-free fluid remaining from the butter-making process (i.e. the churning fermented or non-fermented milk and cream) and buttermilk is also produced by fermentation of fluid skim milk, either by spontaneous souring by the action of lactic acid-forming or aroma-forming bacteria, or by inoculation of heated milk with pure bacterial cultures (cultured buttermilk). Buttermilk may be pasteurized or sterilized.

#### <sup>52</sup>[1.1.2 Dairy-based drinks, flavoured or fermented

Includes all ready-to-drink flavoured and aromatised milk-based fluid beverages and their mixes, excluding mixes for cocoa (cocoa-sugar mixtures, category 5.1.1) such as hot chocolate, chocolate malt drinks, strawberry-flavoured yoghurt drink, whey

```
19 | Version 1 (01.09.2023)
```

based drinks, lactic acid bacteria drinks, and lassi (liquid obtained by whipping curd from the lactic acid fermentation of milk, and mixing with sugar or synthetic sweetener)]

#### 1.2 Fermented and renneted milk products (plain), excluding food category 1.1.2 dairy-based drinks)

Includes all plain products based on skim, part-skim, low-fat and whole milk. Flavoured products are included in 1.1.2 (beverages) and 1.7 (desserts).

#### **1.2.1** Fermented milks (plain)

Includes all plain products, including fluid fermented milk, acidified milk and cultured milk. Plain yoghurt, which does not contain flavours or colours, may be found in one of the sub-categories of 1.2.1 depending on whether it is heat-treated after fermentation or not.

#### **1.2.1.1** Fermented milks (plain), not heat-treated after fermentation

Includes fluid and non-fluid plain products such as yoghurt.

#### **1.2.1.2** Fermented milks (plain), heat-treated after fermentation

Products similar to that in 1.2.1.1 except those heat-treated (e.g. sterilized or pasteurized) after fermentation.

#### **1.2.2** Renneted milk (plain)

Plain, coagulated milk produced by the action of milk coagulating enzymes which includes curdled milk. Flavoured - renneted milk products are found in category 1.7.

#### **1.3** Condensed milk and analogues (plain)

Includes plain and sweetened types of condensed milk, evaporated milk, and their analogues (including beverage whiteners) and products based on skim, part-skim, low-fat and whole milk, blends of evaporated skimmed milk and vegetable fat, and blends of sweetened condensed skimmed milk and vegetable fat.

#### **1.3.1 Condensed milk (plain)**

Condensed milk is obtained by partial removal of water from milk to which sugar may have been added. For evaporated milk, the water removal may be accomplished by heating. Includes partially dehydrated milk, evaporated milk, sweetened condensed milk, and khoya (cow or buffalo milk concentrated by boiling).

```
20 | Version 1 (01.09.2023)
```

#### **1.3.2 Beverage whiteners**

#### 1.3.2.1 <sup>52</sup>[Omitted]

#### 1.3.2.2 Non-Dairy based beverage whitener

Milk or cream substitute consisting of a vegetable fat-water emulsion in water with milk protein and lactose or vegetable proteins for use in beverages such as coffee and tea and includes the same type of products in powdered form. Includes condensed milk analogues, blends of evaporated skimmed milk and vegetable fat and blends of sweetened condensed skimmed milk and vegetable fat.

#### **1.4 Cream (plain) and the like**

Cream is a fluid dairy product, relatively high in fat content in comparison to milk. Includes all plain fluid, semi-fluid and semi-solid cream and cream analogue products. Flavoured cream products are found in1.1.2 (beverages) and 1.7 (desserts).

#### **1.4.1 Pasteurized cream (plain)**

Cream subjected to pasteurization by appropriate heat treatment or made from pasteurized milk. Includes milk cream and "half-and-half."

### **1.4.2 Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain)**

Includes every cream, regardless of fat content, which has undergone a higher heattreatment than pasteurization, pasteurized creams with a reduced fat content, as well as every cream intended for whipping or being whipped. Sterilized cream is subjected to appropriate heat-treatment in the container in which it is presented to the consumer. Ultra-heat treated (UHT) or ultra-pasteurized cream is subjected to the appropriate heat treatment (UHT or ultra-pasteurization) in a continuous flow process and aseptically packaged. Cream may also be packaged under pressure (whipped cream). Includes whipping cream, heavy cream, whipped pasteurized cream, and whipped cream-type dairy toppings and fillings. Creams or toppings with partial or total replacement of milk fat by other fats are included in sub-category 1.4.4 (cream analogues).

#### **1.4.3 Clotted cream (plain)**

Thickened, viscous cream formed from the action of milk coagulating enzymes. Includes sour cream (cream subjected to lactic acid fermentation achieved as described for buttermilk (1.1.1.2).

#### **1.4.4 Cream analogues**

Cream substitute consisting of a vegetable fat-water emulsion in liquid or powdered form for use other than as a beverage whitener (1.3.2).Includes instant whipped cream toppings and sour cream substitutes.

#### 1.5 Milk powder and cream powder and powder analogues (plain)

Includes plain milk powders, cream powders, or combination of the two, and their analogues. Includes products based on skim, part-skim, low-fat and whole milk.

#### 1.5.1 Milk powder and cream powder (plain)

Milk products obtained by partial removal of water from milk or cream and produced in a powdered form. Includes casein and caseinates.

#### <sup>52</sup>[1.5.1.1 Dairy based dairy whitener

Milk or cream constituting of milk protein and lactose]

#### 1.5.2 Milk and cream powder analogues

Products based on a fat-water emulsion and dried for use other than as a beverage whitener (1.3.2). Examples include imitation dry cream mix and blends of skimmed milk and vegetable fat in powdered form.

#### 1.6 Cheese and analogues

Cheese and cheese analogues are products that have water and fat included within a coagulated milk protein structure. Products such as cheese sauce (12.6.2), cheese-flavoured snacks (15.1), and composite prepared foods containing cheese as an ingredient (e.g. macaroni and cheese; 16.0) are categorized elsewhere.

#### **1.6.1 Unripened cheese**

Unripened cheese, including fresh cheese, is ready for consumption soon after manufacture. Such as cottage cheese (a soft, unripened, coagulated curd cheese), creamed cottage cheese (cottage cheese covered with a creaming mixture), cream cheese (rahmfrischkase, an uncured, soft spreadable cheese) mozzarella and scamorza cheeses and paneer (milk protein coagulated by the addition of citric acid

from lemon or lime juice or of lactic acid from whey, that is strained into a solid mass, and is used in vegetarian versions of, e.g. hamburgers). Includes the whole unripened cheese and unripened cheese rind (for those unripened cheeses with a "skin" such as mozzarella). Most products are plain, however, some such as cottage cheese and cream cheese, may be flavoured or contain ingredients such as fruit, vegetables or meat. Excludes ripened cream cheese, where cream is a qualifier for a high fat content.

#### 1.6.2 Ripened cheese

Ripened cheese is not ready for consumption soon after manufacture, but is held under such time and temperature conditions so as to allow the necessary biochemical and physical changes that characterize the specific cheese. For mould-ripened cheese, the ripening is accomplished primarily by the development of characteristic mould growth throughout the interior and/or on the surface of the cheese. Ripened cheese may be soft (e.g. camembert), firm (e.g. edam, gouda), hard (e.g. cheddar), or extrahard and includes cheese in brine, which is a ripened semi-hard to soft cheese, white to yellowish in colour with a compact texture, and Without actual rind that has been preserved in brine until presented to the consumer.

#### 1.6.2.1 Ripened cheese, includes rind

Refers to ripened (including mould-ripened) cheese, including rind, or any part thereof, such as cut, shredded, grated or sliced cheesesuch as blue cheese, brie, gouda, havarti, hard grating cheese, and Swiss cheese.

#### 1.6.2.2 Rind of ripened cheese

Refers to the rind only of the cheese and the rind of the cheese is the exterior portion of the cheese mass that initially has the same composition as the interior portion of the cheese, but which may dry after brining and ripening.

#### 1.6.2.3 Cheese powder

Dehydrated product prepared from a variety or processed cheese. Does not include grated or shredded cheese (1.6.2.1 for variety cheese; 1.6.4 for processed cheese). Product is intended either to be reconstituted with milk or water to prepare a sauce, or used as-is as an ingredient (e.g. with cooked macaroni, milk and butter to prepare a macaroni and cheese casserole). Includes spray-dried cheese.

#### 1.6.3 Whey cheese

A solid or semi-solid product obtained by concentration of whey with or without the addition of milk, cream or other materials of milk origin and moulding of the concentrated product which includes the whole cheese and the rind of the cheese and it is different from whey protein cheese (1.6.6).

#### **1.6.4 Processed cheese**

Product with a very long shelf life obtained by melting and emulsifying cheese which includes products manufactured by heating and emulsifying mixtures of cheese, milk fat, milk protein, milk powder, and water indifferent amounts. Products may contain other added ingredients, such as aromas, seasonings and fruit, vegetables and/or meat. Product may be spreadable or cut into slices and pieces. The term "processed" does not mean cutting, grating, shredding, etc. of cheese. Cheeses treated by these mechanical processes are included under food category 1.6.2 (Ripened cheese).

#### **1.6.4.1 Plain processed cheese**

Processed cheese product that does not contain added flavours, seasonings, fruit, vegetables and/or meat. Examples include American cheese, Requeson etc.

### **1.6.4.2** Flavoured processed cheese, including containing fruit, vegetables, meat, etc.

Processed cheese product that contains added flavours, seasonings, fruit, vegetables and/or meat such asNeufchatel cheese spread with vegetables, pepper jack cheese, cheddar cheese spread with wine, and cheese balls (formed processed cheese coated in nuts, herbs or spices).

#### **1.6.5** Cheese analogues

Products that look like cheese, but in which milk fat has been partly or completely replaced by other fats which includes imitation cheese, imitation cheese mixes, and imitation cheese powders.

#### 1.6.6 Whey protein cheese

Product containing the protein extracted from the whey component of milk. These products are principally made by coagulation of whey proteins. Example: ricotta cheese. It is different from whey cheese (1.6.3).

#### **1.7 Dairy-based desserts**

Includes ready-to-eat flavoured dairy dessert products and dessert mixes, frozen dairy confections and novelties, and dairy-based fillings. Includes flavoured voghurt (a milk product obtained by fermentation of milk and milk products to which flavours and ingredients (e.g. fruit, cocoa, coffee) have been added) that may or may not be heat-treated after fermentation. Other examples include ice cream (frozen dessert that may contain whole milk, skim milk products, cream or butter, sugar, vegetable oil, egg products, and fruit, cocoa, or coffee), ice milk (product similar to ice cream with reduced whole or skim milk content, or made with non-fat milk), jellied milk, frozen flavoured yoghurt, junket (sweet custard-like dessert made from flavoured milk set with rennet), dulce de leche (cooked milk with sugar and added ingredients such as coconut or chocolate), butterscotch pudding and chocolate mousse. Includes traditional milk-based sweets prepared from milk concentrated partially, from khoya (cow or buffalo milk concentrated by boiling), or chhena(cow or buffalo milk, heat coagulated aided by acids like citric acid, lactic acid, malic acid, etc), sugar orsynthetic sweetener, and other ingredients (e.g. maida (refined wheat flour), flavours and colours (e.g. peda, burfee, milk cake, gulab jamun, rasgulla, rasmalai, basundi). These products are different from those in food category3.0 (edible ices, including sherbet and sorbet) in that the foods in category 1.7 are dairybased, while those in 3.0 are water-based and contain no dairy ingredients.

#### 1.8 Whey and whey products, excluding whey cheeses

Includes a variety of whey-based products in liquid and powdered forms.

#### 1.8.1 Liquid whey and whey products, excluding whey cheeses

Whey is the fluid separated from the curd after coagulation of milk, cream, skimmed milk or buttermilk with milk coagulating enzymes during the manufacture of cheese, casein or similar products. Acid whey is obtained after the coagulation of milk, cream, skimmed milk or buttermilk, mainly with acids of the type used for the manufacture of fresh cheese.

#### 1.8.2 Dried whey and whey products, excluding whey cheeses

Whey powders are prepared by spray- or roller-drying whey or acid whey from which the major portion of the milk fat has been removed.

#### 2.0 Fats and oils, and fat emulsions

Includes all fat-based products that are derived from vegetable, animal or marine sources, or their mixtures.

#### 2.1 Fats and oils essentially free from water

Edible fats and oils are foods composed mainly of triglycerides of fatty acids from vegetable, animal or marine sources.

#### 2.1.1 Butter oil, anhydrous milk fat, ghee

The milk fat products anhydrous milk fat, anhydrous butter oil and butter oil are products derived exclusively from milk and/or products obtained from milk by a process that almost completely removes water and non-fat solids. Ghee is a product obtained exclusively from milk, cream or butter by a process that almost completely removes water and non-fat solids; it has a specially developed flavour and physical structure.

#### 2.1.2 Vegetable oils and fats

Edible fats and oils obtained from edible plant sources. Products may be from a single plant source or marketed and used as blended oils that are generally designated as edible, cooking, frying, table or salad oils. Virgin oils are obtained by mechanical means (e.g. pressing or expelling), with application of heat only so as not to alter the natural composition of the oil. Virgin oils are suitable for consumption in the natural state. Cold pressed oils are obtained by mechanical means without application of heat. Examples include virgin olive oil, cottonseed oil, peanut oil, and vanaspati.

#### 2.1.3 Lard, tallow, fish oil, and other animal fats

All animal fats and oils should be derived from animals in good health at the time of slaughter and intended for human consumption.

#### 2.2 Fat emulsions mainly of type water-in-oil

Include all emulsified products excluding fat-based counterparts of dairy products and dairy desserts.

#### 2.2.1 Butter

Butter is a fatty product consisting of a primarily water-in-oil emulsion derived exclusively from milk or products obtained from milk or both.

#### 2.2.2 Fat spreads, dairy fat spreads and blended spreads

Includes fat spreads (emulsions principally of the type water and edible fats and oils), dairy fat spreads (emulsions principally of the type water-in-milk fat), and blended

spreads (fat spreads blended with higher amounts of milk fat)such as margarine (a spreadable or fluid water-in-oil emulsion produced mainly from edible fats and oils); products derived from butter (e.g. "butterine," a spreadable butter blend with vegetable oils), blends of butter and margarine; and minarine (a spreadable water-in-oil emulsion produced principally from water and edible fats and oils that are not solely derived from milk). Also includes reduced fat-based products derived from milk fat or from animal or vegetable fats, including reduced-fat counterparts of butter, margarine, and their mixtures.

### 2.3 Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions

Includes fat-based counterparts of dairy-based foods excluding dessert products. The fat portion of these products are derived from sources other than milk fat (e.g. vegetable fats and oils) such as imitation milk (a fat-substituted milk produced from non-fat milk solids by addition of vegetable fats (coconut, safflower or corn oil)); non-dairy whipped cream; non-dairy toppings; and vegetable cream. Mayonnaise is included in food category 12.6.1.

### 2.4 Fat-based desserts excluding dairy-based dessert products of food category 1.7

Includes fat-based counterparts of dairy-based desserts, which are found in category 1.7. Includes ready-to-eat products and their mixes, cocoa based spreads including fillings. Also includes non-dairy fillings for desserts. Examples include ice creamlike products made with vegetable fats

#### **3.0 Edible ices, including sherbet and sorbet**

This category includes water-based frozen desserts, confections and novelties, such as fruit sorbet, and flavoured ice. Frozen desserts containing primarily dairy ingredients are included in food category1.7.

### 4.0 Fruits and vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds

This major category is divided into two categories: 4.1(Fruit) and 4.2 (Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds). Each of these categories is further divided into sub-categories for fresh and processed products.

#### 4.1 Fruits

Includes all fresh (4.1.1) and processed (4.1.2) products.

#### 4.1.1 Fresh fruits

Fresh fruit is generally free of additives.

#### 4.1.1.1 Untreated fresh fruits

Raw fruit presented fresh from harvest.

#### 4.1.1.2 Surface-treated fresh fruits

The surfaces of certain fresh fruit are coated with glazes or waxes or are treated with other food additives that act as protective coatings and/or help to preserve the freshness and quality of the fruit such as apples, oranges, dates, and longans.

#### <sup>52</sup>[4.1.1.3 Peeled or cut, minimally processed fruit]

Fresh fruit that is cut or peeled and presented to the consumer, e.g. in a fruit salad and includes fresh shredded or flaked coconut.

#### 4.1.2 Processed fruits

Includes all forms of processing other than peeling, cutting and surface treating fresh fruits.

#### 4.1.2.1 Frozen fruits

Fruits that may or may not be blanched prior to freezing. The product may be frozen in a juice or sugar syrup. Such as frozen fruit salad and frozen strawberries.

#### 4.1.2.2 Dried fruits, nuts and seeds

Fruit from which water is removed to prevent microbial growth which includes dried fruit leathers (fruit rolls) prepared by drying fruit purees. Such as cashew nut, almond, raisins, dried apple slices, figs, copra (dried coconut whole or cut), dried shredded or flaked coconut, prunes, dehydrated fruits etc.

#### 4.1.2.3 Fruits in vinegar, oil, or brine

Includes pickled products such as mango pickles, lime pickles, pickled gooseberries, plums and pickled watermelon rind. Oriental pickled ("cured" or "preserved") fruit products are sometimes referred to as "candied" fruits. These are not the candied fruit products of category 4.1.2.7 (i.e. dried, sugar coated fruits).

#### 4.1.2.4 Canned or bottled (pasteurized) fruits

Fully preserved product in which fresh fruit is cleaned and placed in cans or jars with natural juice or sugar syrup (including artificially sweetened syrup) and heat-sterilized or pasteurized. Includes products processed in retort pouches such as canned fruit salad, and applesauce in jars.

#### 4.1.2.5 Jams, jellies, marmalades

Jams, preserves and conserves are thick, spreadable products prepared by boiling whole fruit or pieces of fruit, fruit pulp or puree, with or without fruit juice or concentrated fruit juice, and sugar to thicken, and to which pectin and fruit pieces may be added. Jelly is a clear spreadable product prepared similarly to jam, except that it is has a smoother consistency and does not contain fruit pieces. Marmalade is a thick spreadable fruit slurry prepared from whole fruit, fruit pulp or puree (usually citrus), and boiled with sugar to thicken, to which pectin and fruit pieces and fruit peel pieces may be added. Includes dietetic counterparts made with non-nutritive high-intensity sweeteners. Examples include orange marmalade, grape jelly, and strawberry jam.

### 4.1.2.6 Fruit-based spreads (e.g. chutney) excluding products of food category 4.1.2.5

Includes fruit based spreads, condiment-type fruit products such as mango chutney, raisinchutney, fruit and vegetables chutneys and their mixes (dry or paste form).

#### 4.1.2.7 Candied fruits

Includes glazed fruits (fruits treated with a sugar solution and dried), candied fruits (dried glazed fruit immersed in a sugar solution and dried so that the fruit is covered by a candy-like sugar shell), and crystallized fruit is prepared (dried glazed fruit rolled in icing or granulated sugar and dried).

### 4.1.2.8 Fruit preparations, including pulp, purees, fruit toppings and coconut milk

Fruit pulp is not usually intended for direct consumption. It is slurry of lightly steamed and strained fresh fruit, with or without added preservatives. Fruit puree (e.g. mango puree, prune puree) is produced in the same way, but has a smoother, finer texture, and may be used as fillings for pastries, but is not limited to this use. Fruit sauce (e.g. pineapple sauce or strawberry sauce) is made from boiled fruit pulp

with or without added sweeteners and may contain fruit pieces. Fruit sauce may be used as toppings for fine bakery wares and ice cream sundaes. Fruit syrup (e.g. blueberry syrup) is a more liquid form of fruit sauce that may be used as a topping e.g. for pancakes. Non-fruit toppings are included in category 5.4 (sugar- and chocolate-based toppings) and sugar syrups (e.g. maple syrup) are included in category 11.4. Coconut milk and coconut cream are products prepared using a significant amount of separated, whole, disintegrated, macerated or comminuted fresh endosperm (kernel) of coconut palm and expelled, where most filterable fibers and residues are excluded, with or without coconut water, and/or with additional water. Coconut milk and coconut cream are treated by heat pasteurization, sterilization or ultrahigh temperature (UHT) processes. Coconut milk and coconut cream may also be produced in concentrated or skim (or "light") forms. Examples of traditional foods in this sub-category are tamarind concentrate (clean extract of tamarind fruit with not less than 65% total soluble solids), tamarind powder (tamarind paste mixed with tapioca starch), tamarind toffee (mixture of tamarind pulp, sugar, milk solids, antioxidants, flavours, stabilizers and preservatives), and fruit bars (a mixture of fruit (mango, pineapple, or guava) pulp mixed with sugar, flavours and preservatives, dried into a sheet).

#### 4.1.2.9 Fruit-based desserts, including fruit-flavoured water-based desserts

Includes ready-to-eat products and mixes. Includes rote gruze, frutgrod, fruit compote, nata de coco, and *mitsumame* (desserts of agar jelly, fruit pieces and syrup) etc. This category does not include fine bakery wares containing fruit (categories 7.2.1 and 7.2.2), fruit-flavoured edible ices (category 3.0), or fruit-containing frozen dairy desserts (category 1.7).

#### 4.1.2.10 Fermented fruit products

Type of pickled product produced by preservation in salt by lactic acid fermentation. Examples include fermented plums, amla/mango pickles etc.

#### 4.1.2.11 Fruit fillings for pastries

Includes ready-to-eat products and mixes and all type of fillings excluding purees (category4.1.2.8). These fillings usually include whole fruit or fruit pieces such as cherry pie filling and raisin filling for oatmeal cookies.

#### 4.1.2.12 Cooked fruits

Fruit that is steamed, boiled, baked, or fried, with or without a coating, for presentation to the consumer such as baked apples, fried apple rings, and peach dumplings (baked peaches with a sweet dough covering).

### 4.2 Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds

Includes all fresh (4.2.1) and processed (4.2.2) products.

4.2.1 Fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds

Fresh vegetables are generally free of additives.

## **4.2.1.1** Untreated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes (including soybeans), and aloe vera), seaweeds, and nuts and seeds

Raw vegetables presented fresh from harvest.

### 4.2.1.2 Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds

The surfaces of certain fresh vegetables are coated with glazes or waxes or are treated with other food additives that act as protective coatings and/or help to preserve the freshness and quality of the vegetable such as avocados, cucumbers, green peppers and pistachio nuts.

## <sup>52</sup>[4.2.1.3 Peeled, cut or shredded minimally processed vegetables [(including mushrooms and fungi, roots and tubers, fresh pulses and legumes, and aloevera) sea weeds, nuts and seeds]

Fresh vegetables, e.g. peeled raw potatoes that are presented to the consumer to be cooked at home (e.g.in the preparation of hash brown potatoes).

### 4.2.2 Processed vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds

Includes all forms of processing other than peeling, cutting and surface treating of fresh vegetables.

### 4.2.2.1 Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds

Fresh vegetables are usually blanched and frozen. Examples include quick-frozen corn, quick-frozen French-fried potatoes, quick frozen peas, and quick frozen whole processed tomatoes.

### 4.2.2.2 Dried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds

Products in which the natural water content has been reduced below that critical for growth of microorganisms without affecting the important nutrients. The product may or may not be intended for rehydration prior to consumption. Includes vegetable powders that are obtained from drying the juice, such as tomato powder and beet powder etc such as dried potato flakes, dehydrated carrots or peas or cabbage or mushroom or spinach leaf or lentil etc.

### 4.2.2.3 Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds in vinegar, oil, brine, or soybean sauce

Products prepared by treating raw vegetables with salt solution excluding fermented soybean products. Fermented vegetables, which are a type of pickled product, are classified in4.2.2.7. Fermented soybean products are classified in 6.8.6, 6.8.7, 12.9.1, 12.9.2.1 and 12.9.2.3 such as pickled cabbage, pickled cucumber, olives, pickled onions, mushrooms in oil, marinated artichoke hearts, acharetc. Other examples include pickled ginger, pickled garlic, and chilli pickles etc.

## **4.2.2.4** Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds

<sup>77</sup>[Fully preserved product in which fresh vegetables are cleaned, blanched, and placed in cans or jars in liquid (e.g. brine, water, oil or sauce), and heat-sterilized or pasteurized such as canned peas, canned baby corn, asparagus packed in glass jars, canned and/or cooked/baked beans, canned tomato paste/ puree and canned tomatoes (pieces, wedges or whole), canned mushrooms, canned chestnuts etc.]

## 4.2.2.5 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)

Vegetable purees are finely dispersed slurries prepared from the concentration of vegetables, which may have been previously heat-treated (e.g. steamed). The slurries may be filtered prior to packaging. Purees contain lower amounts of solids than pastes (found in category 4.2.2.6). Examples include tomato puree, peanut butter (a spreadable paste made from roasted and ground peanuts by the addition of peanut oil) and other nut butters (e.g. cashew butter) etc.

# 4.2.2.6 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 4.2.2.5

Vegetable pastes and pulps are prepared as described for vegetable purees (category 4.2.2.5). However, pastes and pulps have a higher amount of solids, and are usually used as components of other foods (e.g. sauces)such as potato pulp, horseradish pulp, aloe extract, salsa (e.g. chopped tomato, onion, peppers, spices and herbs), sweet red bean paste (*an*), sweet coffee bean paste (filling), tomato paste, tomato pulp, tomato sauce, crystallized ginger, and bean-based vegetable dessert, sweets (vegetable based):- carrot halwa (gajar halwa/ gajrela), lauki halwa, coconut based sweets like coconut burfee, kaju based sweets etc.

## 4.2.2.7 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 6.8.6, 6.8.7, 12.9.1, 12.9.2.1 and 12.9.2.3

Fermented vegetables are a type of pickled product, formed by the action of lactic acid bacteria, usually in the presence of salt. Traditional Oriental fermented vegetable products are prepared by air-drying vegetables and exposing them to ambient temperatures so as to allow the microorganisms to flourish; the vegetables are then sealed in an anaerobic environment and salt (to generate lactic acid), spices and seasonings are added such as achar, pickled cabbage or carrot or cauliflower, pickled cucumber, olives, pickled onions, mushrooms in oil, marinated artichoke hearts, piccalilli, lemon pickles, soybean sauce-pickled vegetables , vinegar-pickled vegetables, brine-pickled vegetables, pickled ginger, pickled garlic, and chilli pickles, red pepper paste, fermented vegetable products, kimchi and sauerkraut (fermented cabbage) etc. Excludes fermented soybean products that are found in food categories6.8.6 (fermented soybean sauce), and 12.9.2.3 (other soybean sauce) etc.

**<sup>33</sup>** | Version 1 (01.09.2023)

### **4.2.2.8** Cooked or fried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweeds

Vegetables those are steamed, boiled, baked, or fried, with or without a coating, for presentation to the consumer such as simmered beans, pre-fried potatoes, fried okra, and ready-to-eat curries like paneer\_makhani, kadhaipaneer, palakpaneer, baigan-ka-bharta, alootamatar, mixed vegetable, dal makhani, frozen curried vegetables /ready-to-eat vegetables; vegetable gravies, vegetables boiled down in soy sauceetc.

#### **5.0 Confectionery**

Includes all cocoa and chocolate products (5.1), other confectionery products that may or may not contain cocoa (5.2), chewing gum (5.3), and decorations and icings (5.4), or foods produced solely with any combination of foods conforming to these sub-categories.

### 5.1 Cocoa products and chocolate products including imitations and chocolate substitutes

This category is divided to reflect the variety of standardized and non-standardized cocoa- and chocolatebasedproducts.

#### 5.1.1 Cocoa mixes (powders) and cocoa mass/cake

Includes a variety of products that are used in the manufacture of other chocolate products or in the preparation of cocoa-based beverages. Most cocoa products have their origin in the cocoa nib, which is obtained from cocoa beans that have been cleaned and freed from the shells. Cocoa mass is obtained from the mechanical disintegration of the nib. Depending on the desired finished chocolate product, the cocoa nib or mass may be treated by an alkalinization process that mellows the flavour. Cocoa dust is the fraction of the cocoa bean produced as a product during winnowing and degerming. Cocoa powder is produced by reducing the fat content of cocoa mass or liquor by pressing (including expeller pressing) and molding into cocoa press cake. The cocoa press cake is disintegrated and ground to cocoa powder. Cocoa liquor is ahomogeneous flowing paste produced from cocoa nib, which has been roasted, dried, disintegrated and milled. Cocoa-sugar mixtures contain only cocoa powder and sugar. Chocolate powder for beverages is made from cocoa liquor or cocoa powder and sugar etc. Examples include drinking chocolate powder; breakfast cocoa; cocoa dust (fines), nibs, mass, press cake; chocolate liquor; cocoa mixes (powders for preparing the hot beverage); cocoa-sugar mixture; and dry mixes

for sugar-cocoa confectionery. Finished cocoa beverages and chocolate milk are included in category 1.1.2, and most finished chocolate products are included in category 5.1.4.

#### 5.1.2 Cocoa mixes (syrups)

Products that may be produced by adding a bacterial amylase to cocoa liquor. The enzyme prevents the syrup from thickening or setting by solubilizing and dextrinizing cocoa starch. Includes products such as chocolate syrup used to prepare chocolate milk or hot chocolate. Chocolate syrup differs from fudge sauce (e.g. for ice cream sundaes), which is found in category 5.4.

#### **5.1.3** Cocoa and chocolate products

Chocolate is produced from cocoa nibs, mass, press cake, powder, or liquor with or without addition of sugar, cocoa butter, aroma or flavouring substances, and optional ingredients (e.g. nuts). This category is for chocolate as defined in these regulations, and for confectionery that uses chocolate that meets the standard and may contain other ingredients, for example chocolate-covered nuts and fruit (e.g. raisins). This category includes only the chocolate portion of any confectionery within the scope of food category 5.2. Examples include cocoabutter confectionery (composed of cocoa butter, milk solids and sugar), white chocolate, chocolate chips, milk chocolate, cream chocolate, sweet chocolate, bitter chocolate, enrobing chocolate, chocolate covered in a sugar-based "shell" or with coloured decorations, filled chocolate (chocolate with a texturally distinctentre and external coating, excluding flour confectionery and pastry products of categories 7.2.1 and 7.2.2) and chocolate with added edible ingredients. This category does not include yoghurt-, cereal-, and honey-covered nuts (category 15.2).

#### <sup>52</sup>[5.1.4 Imitation chocolate, chocolate substitute products]

Includes chocolate-like products that may or may not be cocoa-based, but have similar organoleptic properties as chocolate, such as carob chips, and cocoa-based products that contain greater than 5% vegetable fat (other than cocoa butter) that are excluded from the scope of the *Standard for Chocolate*. These chocolate-like products may contain additional optional ingredients and may include filled confectionery. This category includes only the chocolate-like portion of any confectionery within the scope of food category 5.2.

### 5.2 Confectionery including hard and soft candy, nougats, etc. other than food categories 5.1, 5.3, and 5.4

Includes all types of products that primarily contain sugar and their dietetic counterparts, and may or may not contain cocoa. Includes hard candy (5.2.1), soft candy (5.2.2), and nougats and marzipans (5.2.3).

#### <sup>52</sup>[5.2.1 Hard candy

Products made from water and sugar (simple syrup), colour and flavour that may or may not have a filling, their dietetic counterparts, and products that may or may not contain cocoa. Includes: pastilles and lozenges (rolled, shaped and filled sweetened candy). These types of products may be used as fillings for chocolate products within the scope of food categories 5.1.3 and 5.1.4.

#### 5.2.2 Soft candy

Products include soft, chewy products such as caramels (containing sugar syrup, fats, colour and flavour) and their dietetic counterparts; products that may or may not contain cocoa and milk (e.g. toffees and chocolate-flavoured caramels); jelly-based candies (e.g. jelly beans, jellied fruit paste covered in sugar, made from pectin, colour and flavour); and licorice. Also included are halwa, and oriental specialties, such as sweet bean jelly etc. These types of products may be used as fillings for chocolate products within the scope of food categories 5.1.3 and 5.1.4.

#### **5.2.3 Nougats and Marzipans**

Nougats consist of roasted ground nuts, sugar and cocoa and their dietetic counterparts, that may be consumed as is, or may be used as a filling for chocolate products within the scope of food categories 5.1.3 and 5.1.4. Marzipan consists of almond paste and sugar and their dietetic counterparts that may be shaped and coloured for direct consumption, or may be used as a filling for chocolate products within the scope of food categories 5.1.3 and 5.1.4.]

#### 5.3 Chewing gum

Product made from natural or synthetic gum base containing flavours, sweeteners (nutritive or non-nutritive), aroma compounds, and other additives. Includes bubble gum and breath-freshener gum products.

#### 5.4 Decorations, toppings (non-fruit) and sweet sauces

Includes ready-to-eat icings and frostings for cakes, cookies, pies and bread and flour confectionery, as well as mixes for these products. Also includes sugar- and chocolate-based coatings for baked goods. Sweet sauces and toppings include butterscotch sauce for use, e.g. on ice cream. These sweet sauces are different than the syrups (e.g. maple, caramel, and flavoured syrups for fine bakery wares and ices) included in category 11.4. Fruit-based toppings are included in 4.1.2.8. Chocolate sauce is included in 5.1.2.

# 6.0 Cereals and cereal products derived from cereal grains, roots and tubers, pulses, legumes and pith or soft core of palm tree, excluding bakery wares of food category 7.0

Includes unprocessed (6.1) and various processed forms of cereal and cereal-based products.

#### 6.1 Whole, broken, or flaked grain, including rice

Includes whole, husked, unprocessed cereals and grains. Examples include rice (including enriched, instant and parboiled), wheat, corn (maize), sorghum, barley, oats, millets, dried peas or legumes etc.

#### 6.2 Flours and starches (including soybean powder)

The basic milled products of cereal grains, roots, tubers, pulses, pith or softy core of palm tree or legumes sold as such or used as ingredients (e.g. in baked goods).

#### 6.2.1 Flour

Flour is produced from the milling of grain, cereals and tubers (e.g. cassava) and seeds, pith or soft core of palm tree. Includes flour pastes for bread and flour confectionery, flour for bread, pastries, noodles and pasta, and flour mixes (physical mixtures of flours from different cereal or grain sources, which are different from mixes for bakery goods (dry mixes containing flour and other ingredients, categories 7.1.6 (mixes for ordinary bakery wares) and 7.2.3 (mixes for fine bakery wares) such as Atta, besan, suji, durum wheat flour, self-rising flour, enriched flour, instantized flour, corn flour, corn meal, kuttu-ka-atta, singhade-ka-atta, roasted soybean flour, konjac flour, and maida (refined wheat flour) and sago flour.

#### 6.2.2 Starches

Starch is a glucose polymer occurring in granular form in certain plant species, notably seeds (e.g. cereals, pulses, corn, wheat, rice, beans, peas) and tubers (e.g.

tapioca, potato). The polymer consists of linkedanhydro-alpha-D-glucose units. Native starch is separated by processes that are specific for each raw material.

#### 6.3 Breakfast cereals, including rolled oats

Includes all ready-to-eat, instant, and regular hot breakfast cereal products. Examples include granola-type breakfast cereals, instant oatmeal, corn flakes, puffed wheat or rice or other cereals (puffed, pounded, popped) like poha, kheel, popcorn, multi-grain (e.g. rice, wheat and corn) breakfast cereals, breakfast cereals made from soy or bran, and extruded-type breakfast cereals made from grain flour or powder etc.

#### 6.4 Pastas and noodles and like products

Includes all pasta, noodles and similar products e.g. rice paper, rice vermicelli, soybean pastas and noodles.

#### 6.4.1 Fresh pastas and noodles and like products

Products that are untreated (i.e. not heated, boiled, steamed, cooked, pre-gelatinized or frozen) and are no dehydrated. These products are intended to be consumed soon after preparation. Examples include unboiled noodles, and "skins" or crusts for spring rolls, wontons, and *shuo mai*.

#### 6.4.2 Dried pastas and noodles and like products

Products that are untreated (i.e. not heated, boiled, steamed, cooked, pre-gelatinized or frozen) and are dehydrated. Examples include dried forms of: spaghetti, bean vermicelli, rice vermicelli, macaroni, and rice noodles.

#### 6.4.3 Pre-cooked pastas and noodles and like products

Products that are treated (i.e. heated, boiled, steamed, cooked, pre-gelatinized or frozen). These products may be sold directly to the consumer (e.g. pre-cooked, chilled gnocchi to be heated prior to consumption), or may be the starch component of prepared meals (e.g. heat-and-serve frozen dinner entrees containing spaghetti, macaroni or noodles; canned spaghetti and meatballs entrée). Also includes instant noodles, e.g. pre-cooked ramen, udon, rice noodles, that are pre-gelatinized, heated and dried prior to sale to the consumer.

#### 6.5 Cereal and starch based desserts

Dessert products containing cereal, starch or grain as the main ingredient. Also includes cereal- or starch based fillings for desserts such as rice pudding, semolina pudding, tapioca pudding, gujiya, balusahi, soan-papdi, patisa, malpua, and starchy pudding based desserts, cereal based desserts, suji or moong dal halwa, jalebi, boondiladdoo, motichoorladdoo, mysorepak, emarti, modak,rice flourdumplings, steamed yeast-fermented wheat flour dough desserts, starchy pudding based dessertsc.

#### 6.6 Batters

Products containing flaked or ground cereal or grain that when combined with other ingredients (e.g. water, milk, egg, fats, milk solids, spices, seasonings etc.) may be used as a coating for fish or poultry and includes products sold as dry mix of cereal or grain component. Examples include idli or vada or dosa batters, upma, idli or vada or dosa mixes, pongal mix, sattu, etc., batters for breading or batters for fish or poultry etc. Doughs (e.g. for bread) are found in 7.1.4, and other mixes (e.g. for bread or cakes) are found in 7.1.6 and 7.2.3, respectively.

#### 6.7 Pre-cooked or processed cereal/grain/legume products

Fermented or non-fermented products prepared from cereals and/or pulse. Including processed cereals, cereal or malt-based food or beverage and/or pulse and enriched cereals and/or pulse products, such as poha, upma, idli, vada, dhokla, khandvi, papad etc. Products prepared from rice that is soaked, drained, steamed, kneaded and shaped into cake forms. Crisp snacks made from rice grains, also called "rice cakes" are categorized in 15.1, and dessert-type rice cakes are in 6.5. Category 6.7 would also include processed rice and enriched rice products, such as pre-cooked products that are sold canned, chilled or frozen; and processed rice products sold in retort pouches. This is to distinguish from category 6.1 (Whole, broken, or flaked grain, including rice) that is intended to include only whole, husked, unprocessed cereals and grains.

### 6.8 Soybean products (excluding soybean-based seasonings, and condiments of food category 12.9)

Includes dried, cooked, fried or fermented soybean products, and soybean curd products.

#### 6.8.1 Soybean-based beverages

Products prepared from dried soybeans that are soaked in water, pureed, boiled and strained, or prepared fromsoybean flour, soybean concentrate, or soybean isolate. Also includes soybean products, such as soybean-based beverage powder.

#### 6.8.2 Soybean-based beverage film

Film formed on the surface of boiling soybean-based beverage that is dried. It may be deep-fried or softened in water prior to use in soups or poached food.

#### 6.8.3 Soybean curd (tofu)

Soybean curd is prepared from dried soybeans that are soaked in water, pureed, and strained to produce soybean-based beverages, which is then made into a curd with a coagulant, and placed in a mould. Soybean curds may be of a variety of textures (e.g. soft, semi-firm, firm).

#### 6.8.4 Semi-dehydrated soybean curd

Soybean curd that has been pressed while being moulded into blocks so that some moisture has been removed, but so that it is not completely dried (see food category 6.8.5). Semi-dehydrated soybean curd typically contains 62% water, and has a chewy texture.

#### 6.8.4.1 Thick gravy-stewed semi-dehydrated soybean curd

Partially dehydrated soybean curd that is cooked (stewed) with a thick sauce (e.g. miso sauce). The partially dehydrated soybean curd typically absorbs the sauce, and so regains its original texture.

#### 6.8.4.2 Deep fried semi-dehydrated soybean curd

Partially dehydrated soybean curd that is deep-fried. It may be consumed as such, or cooked (e.g. stewed in sauce) after frying.

### 6.8.4.3 Semi-dehydrated soybean curd, other than food categories 6.8.4.1 and 6.8.4.2

Partially dehydrated soybean curd prepared other than by stewing in thick (e.g. miso) sauce or by deepfrying. Includes grilled products and mashed products that may be combined with other ingredients (e.g. to make a patty or a loaf).

#### 6.8.5 Dehydrated soybean curd

Soybean curd from which all moisture has been removed through the process of freezing, aging, and dehydrating. It may be reconstituted with water or sauce for consumption, or is used directly in prepared dishes. It may also be deep-fried or simmered in sauce.

#### 6.8.6 Fermented soybeans

The product is prepared from soybeans that have been steamed and fermented with certain fungi or bacteria (starter). The soft, whole beans have a distinctive aroma and taste. It includes products such as Kinema (Darjeeling hills and Sikkim), Turangbai (Meghalaya), Bekang (Mizoram), Peruyyan (Arunachal Pradesh), Hawaijar (Manipur), and Aakhuni (Nagaland) and other like Natto, and Tempe etc.

#### 6.8.7 Fermented soybean curd

The product is prepared by forming soybean curd into a loaf during the fermentation process. It is a soft, flavoured product, either in red, rice-yellow, or grey-green.

#### 6.8.8 Other soybean protein products

Other products from soybeans composed mainly of soybean protein such as extruded, textured, concentrated, and isolated soybean protein.

#### 7.0 Bakery wares

Includes categories for bread and ordinary bakery wares (7.1) and for sweet, salty and savoury fine bakery wares (7.2).

#### 7.1 Bread and ordinary bakery wares and mixes

Includes all types of non-sweet bakery products and bread-derived products.

#### 7.1.1 Breads and rolls

Includes yeast-leavened and specialty breads like white or brown ormultigrain breadandIndian breads (like kulcha, chapatti, roti, parantha, nan, pav etc.), wheat rolls, milk rolls, challa bread, pizza-base or pizza-bread, soda bread etc.

#### 7.1.1.1 Yeast-leavened breads and specialty breads

Includes all types of non-sweet bakery products and bread-derived products such as include white bread, rye bread, pumpernickel bread, raisin bread, whole wheat bread, pain courant francais, malt bread, hamburger rolls, whole wheat rolls, and milk rolls.

#### 7.1.1.2 Soda breads

Includes all soda breads.

#### 7.1.2 Crackers, excluding sweet crackers

The term "cracker" refers to a thin, crisp wafer, usually dough. Flavoured crackers (e.g. cheese flavoured) that are consumed as snacks are in 15.1 such as soda crackers, rye crispsetc.

#### 7.1.3 Other ordinary bakery products

Includes all other ordinary bakery wares, such as combread and biscuits, bagels, pita and muffins. The term "biscuit" in this category refers to a small cake of shortened bread, leavened with baking powder or baking soda. It does not refer tithe British "biscuit," which is a "cookie" or "sweet cracker" included in category 7.2.1.

#### 7.1.4 Bread-type products, including bread stuffing and bread crumbs

Includes bread-based products such as croutons, bread stuffing and stuffing mixes, and prepared doughs (e.g. for biscuits, toasted bread (rusks), prepared doughs for bread/bread-type products including their frozen counterparts etc.). Bread mixes are included in category 7.1.6.

#### 7.1.5 Steamed breads and buns

Oriental-style leavened wheat or rice products that are cooked in a steamer. Products may be made with or without fillingsuch as twisted rolls of various shapes, filled dumplings and steamed bun with meat, jam or other filling.

#### 7.1.6 Mixes for bread and ordinary bakery wares

Includes all the mixes containing the dry ingredients to which wet ingredients (e.g. water, milk, oil, butter, and eggs) are added to prepare dough for baked goods from food categories 7.1.1 to 7.1.5 such as French bread mix, tin bread mix, panettone mix, ciabatta mix, among others. Mixes for fine bakerywares (e.g. cakes, cookies, pancakes) are found in category 7.2.3.

#### 7.2 Fine bakery wares (sweet, salty, savoury) and mixes

Includes sub-categories for ready-to-eat products (7.2.1 and 7.2.2) as well as mixes (7.2.3) for preparing fine baked goods.

#### 7.2.1 Cakes, cookies and pies

The term "sweet cracker" or "sweet biscuit" used in this category refers to a cookielike product that may beaten as a dessert such as butter cake, cheesecake, fruit-filled cereal bars, pound cake, moist cake (type of starchy dessert), western cakes, moon cakes, sponge cake, fruit filled pies (e.g. apple pie), custard types, oatmeal cookies, sugar cookies and British "biscuits" (cookies or sweet crackers).

#### 7.2.2 Other fine bakery products

Includes products that may be eaten as a dessert or as breakfast such as doughnuts, sweet rolls, muffins, pancakes, waffles, filled sweet buns, Danish pastry, wafers or cones for ice cream, flour confectionery, and trifles.

#### 7.2.3 Mixes for fine bakery wares

Mixes containing the dry ingredients to which wet ingredients (e.g. water, milk, oil, butter, eggs) are added to prepare dough for fine baked goods such as cake mix, flour confectionery mix, pancake mix, pie-mix, and waffle mix. Prepared dough is found in category 7.1.4. Mixes for ordinary bakery wares (e.g. bread) is found in category 7.1.6.

#### 8.0 Meat and meat products, including poultry

This category includes all types of meat and poultry products, in pieces and cuts or comminutes fresh (8.1) and processed (8.2 and 8.3).

#### 8.1 Fresh meat and poultry

Fresh products are usually free of additives.

#### 8.1.1 Fresh meat and poultry whole pieces or cuts

Untreated raw meat, and poultry carcasses and cuts.

#### 8.1.2 Fresh meat and poultry comminuted

Untreated raw comminuted or mechanically deboned meat and poultry.

#### 8.2 Processed meat, and poultry products in whole pieces or cuts

Includes various treatments for non-heat treated meat cuts (8.2.1), and heat-treated meat cuts (8.3.2).

### 8.2.1 Non-heat treated processed meat and poultry products in whole pieces or cuts

This category describes several treatment methods (e.g. curing, salting, drying, pickling) that preserve and extend the shelf life of meats.

### 8.2.1.1 Cured (including salted) non-heat treated processed meat and poultry products in whole pieces or cuts

Salted products are treated with sodium chloride. Dry cured (dry pickled) products are prepared by rubbing salt directly on the meat surface. Wet pickle cured products are prepared by submerging the meat in a brine solution. Pump cured products are prepared by injecting brine into the meat. Curing may also be achieved by addition of additives. Smoked products are also included here.

### **8.2.1.2** Cured (including salted) and dried non-heat treated processed meat and poultry products in whole pieces or cuts

The meat cuts may be cured or salted as described for category 8.2.1.1, and then dried, or they may only be dried. Drying is achieved either in hot air or in vacuum.

### 8.2.1.3 Fermented non-heat treated processed meat and poultry products in whole pieces or cuts

Fermented products are a type of pickled product produced by the action of lactic acid bacteria in the presence of salt.

#### 8.2.2 Heat-treated processed meat and poultry products in whole pieces or cuts

Includes cooked (including cured and cooked, and dried and cooked), heat-treated (including sterilized) and canned meat cuts.

### <sup>77</sup>[8.2.3 Frozen raw, flavored/marinated, processed meat and poultry products in whole pieces or cuts –

Includes raw, flavoured/marinated raw and cooked meat cuts that have been frozen.]

#### **8.3 Processed comminuted meat and poultry products**

Includes various treatments for non-heat treated products (8.3.1) and heat-treated products (8.3.2).

#### 8.3.1 Non-heat treated processed comminuted meat and poultry products

This category describes several treatment methods (e.g. curing, salting, drying, pickling) that preserve and extend the shelf life of comminuted and mechanically deboned meat products.

### **8.3.1.1** Cured (including salted) non-heat treated processed comminuted meat and poultry products

Salted products are treated with sodium chloride. Dry cured (dry pickled) products are prepared by rubbing salt directly on the meat surface. Wet pickle cured products are prepared by submerging the meat in a brine solution. Pump cured products are prepared by injecting brine into the meat. Curing may also be achieved by addition of additives. Also includes smoked products.

### 8.3.1.2 Cured (including salted) and dried non-heat treated processed comminuted meat and poultry products

The comminuted or mechanically deboned products may be cured or salted as described for category 8.3.1.1, and then dried, or they may only be dried. Drying is achieved either in hot air or in vacuum.

### 8.3.1.3 Fermented non-heat treated processed comminuted meat and poultry products

Fermented products are a type of pickled product produced by the action of lactic acid bacteria in the presence of salt. Certain types of sausages may be fermented.

#### **8.3.2 Heat-treated processed comminuted meat and poultry products**

Includes cooked (including cured and cooked, and dried and cooked), heat-treated (including sterilized) and canned comminuted products.

#### 8.3.3 Frozen processed comminuted meat and poultry products

Includes raw, partially cooked and fully cooked comminuted or mechanically deboned meat products that have been frozen.

#### 8.4 Edible casings (e.g. sausage casings)

Casings or tubing prepared from collagen, cellulose, or food-grade synthetic material or from natural sources that contain the sausage mix.

#### 9.0 Fish and fish products, including molluscs, crustaceans, and echinoderms

This broad category is divided into categories for fresh fish (9.1) and various processed fish products (9.2-9.4). This category includes aquatic vertebrates (e.g. fish) and aquatic invertebrates (e.g. jellyfish), as well as molluscs (e.g. clams, snails), crustaceans (e.g. shrimp, crab, lobster), and echinoderms (e.g. sea urchins, sea cucumbers). Fish products may be treated with coatings, such as glazes and spice rubs, prior to marketing to the consumer (e.g. glazed frozen fish fillets).

### 9.1 Fresh fish and fish products, including molluscs, crustaceans, and echinoderms

The term "fresh" refers to fish and fish products that are untreated except for refrigeration, storage on ice, or freezing upon catching at sea or in lakes or other bodies of water in order to prevent decomposition and spoilage.

#### 9.1.1. Fresh fish

Includes fresh rohu, catla, hilsa, singhada, trout, pomphret, cod, salmon, fishroe etc

#### 9.1.2 Fresh molluscs, crustaceans and echinoderms

Includes fresh shrimp, clams, crabs, lobster, snails etc.

### 9.2 Processed fish and fish products, including molluscs, crustaceans, and echinoderms

This category refers to fish products that are frozen and may require further cooking, as well as ready-to-eat cooked, smoked, dried, fermented, and salted products.

### 9.2.1 Frozen fish, fish fillets, and fish products, including molluscs, crustaceans, and echinoderms

Fresh, including partially cooked, fish subjected to freezing or quick-freezing at sea and on land for further processing such as frozen or deep frozen clams, cod fillets, crab, finfish, haddock, hake, lobster, minced fish, prawns and shrimp; frozen fish roe; frozen surimietc.

### 9.2.2 Frozen battered fish, fish fillets and fish products, including molluscs, crustaceans, and echinoderms

Uncooked product prepared from fish or fish portions, with dressing in eggs and bread crumbs or batter. Examples include frozen raw breaded or batter-coated shrimp; and frozen or quick-frozen breaded or batter coated fish fillets, fish portions and fish sticks (fish fingers) etc.

### 9.2.3 Frozen minced and creamed fish products, including molluscs, crustaceans, and echinoderms

Uncooked product prepared from minced fish pieces in cream-type sauce.

### 9.2.4 Cooked and/or fried fish and fish products, including molluscs, crustaceans, and echinoderms

Includes all ready-to-eat cooked products as described in the sub-categories.

#### 9.2.4.1 Cooked fish and fish products

Cooked products include steamed, boiled or any other cooking method except frying (see 9.2.4.3). The fish may be whole, in portions or comminuted such as fish sausage; cooked fish products boiled down in soy sauce; cooked surimi products, cooked fish roe; cooked fish and lobster paste (surimi-like products. Other fish paste (Oriental type) is found in 9.3.4.

#### 9.2.4.2 Cooked molluscs, crustaceans, and echinoderms

Cooked products include steamed, boiled or any other cooking method except frying (see 9.2.4.3) such as cooked *Crangon crangon* and *Crangon vulgaris* (brown shrimp; cooked shrimp), clams and crabs.

### 9.2.4.3 Fried fish and fish products, including molluscs, crustaceans, and echinoderms

Ready-to-eat products prepared from fish or fish portions, with or without further dressing in eggs and breadcrumbs or batter, that are fried, baked, roasted or barbecued, and then packaged or canned with or without sauce or oil. Examples include ready-to-eat fried surimi, fried calamari, and fried soft-shell crabs.

### 9.2.5 Smoked, dried, fermented, and/or salted fish and fish products, including molluscs, crustaceans, and echinoderms

Smoked fish are usually prepared from fresh deep frozen or frozen fish that are dried directly or after boiling, with or without salting, by exposing the fish to freshlygenerated sawdust smoke. Dried fish are prepared by exposing the fish to sunlight or drying directly or after boiling in a special installation; the fish may be salted prior to drying. Salted fish are either rubbed with salt or placed in a salt solution. This manufacturing process is different from that described in food category 9.3 for marinated and pickled fish. Cured fish is prepared by salting and then smoking fish

such as salted anchovies, shrimp, and shad; smoked chub, cuttlefish and octopus; fish ham; dried and salted species of the *Gadidae* species; smoked or salted fish paste and fish roe; cured and smoked sablefish, shad, and salmon; dried shellfish, dried bonito, and boiled, dried fish.

### 9.3 Semi-preserved fish and fish products, including molluscs, crustaceans, and echinoderms

Includes products treated by methods such as marinating, pickling and partial cooking that have a limited shelf life.

### **9.3.1** Fish and fish products, including molluscs, crustaceans, and echinoderms, marinated and/or in jelly

Marinated products are manufactured by soaking the fish in vinegar or wine with or without added salt and spices. They are packaged in jars or cans and have a limited shelf life. Products in jelly may be manufactured by tenderizing fish products by cooking or steaming, adding vinegar or wine, salt and preservatives, and solidifying in a jelly such as "roll mops" (a type of marinated herring), sea eel(dogfish) in jelly and fish aspic.

### **9.3.2** Fish and fish products, including molluscs, crustaceans, and echinoderms, pickled and/or in brine

Pickled products are sometimes considered a type of marinated product. Pickling results from the treatment of the fish with a salt and vinegar or alcohol (e.g. wine) solution. Examples include different types of Oriental pickled productse.g. pickled fish, pickled herring and sprat.

#### 9.3.3 Salmon substitutes, caviar, and other fish roe products

The term "caviar" refers only to the roe of the sturgeon species. Caviar substitutes are made of roe of various sea and freshwater fish (e.g. cod and herring) that are salted, spiced, dyed and may be treated with a preservative such as salted salmon roe, processed, salted salmon roe, cod roe, salted cod roe and lumpfish caviar. Occasionally, roe may be pasteurized. In this case, it is included in food category 9.4, since it is a fully preserved product. Roe products that are frozen, cooked or smoked are included in category 9.2.1, 9.2.4.1, and 9.2.5, respectively; fresh fish roe is found in category 9.1.1, 9.3.4. Semi-preserved fish and fish products, including molluscs, crustaceans, and echinoderms (e.g. fish paste), excluding products of food categories 9.3.1 - 9.3.3such as fish or crustacean pates and traditional Oriental fish paste. The

latter is produced from fresh fish or the residue from fish sauce production, which is combined with other ingredients such as wheat flour, rice or soybeans. The product may be further fermented. Cooked fish or crustacean pastes (surimi-like products) are found in 9.2.4.1 and 9.2.4.2, respectively.

### 9.4 Fully preserved, including canned or fermented fish and fish products, including molluscs, crustaceans, and echinoderms

Products with extended shelf life, manufactured by pasteurizing or steam retorting and packaging in vacuum sealed air-tight containers to ensure sterility. Products may be packed in their own juice or in added oil or sauce. This category excludes fully cooked products (see category 9.2.4) such as canned tuna, clams, crab, fish roe and sardines; gefilte fish balls; and surimi (heat-pasteurized).

#### **10.0 Eggs and egg products**

Includes fresh in-shell eggs (10.1), products that may substitute for fresh eggs (10.2) and other egg products (10.3 and 10.4).

#### 10.1 Fresh eggs

Fresh in-shell eggs are free of additives.

#### **10.2 Egg products**

Products that may be used as replacement for fresh eggs in recipes or as a food (e.g. omelette). They are produced from fresh eggs by either (i) mixing and purifying the whole egg; or (ii) separating the egg white and yolk, and then mixing and purifying each separately. The purified whole egg, white or yolk is then further processed to produce liquid, frozen or dried eggs.

#### **10.2.1 Liquid egg products**

The purified whole egg, egg yolk or egg white is pasteurized and chemically preserved (e.g. by addition of salt).

#### **10.2.2 Frozen egg products**

Includes purified, pasteurized and frozen whole egg, egg yolk or egg white.

#### 10.2.3 Dried and/or heat coagulated egg products

De-sugared purified, pasteurized and dried whole egg, egg yolk or egg white.

#### 10.3 Preserved eggs, including alkaline, salted, and canned eggs

Includes traditional Oriental preserved products, such as salt-cured and alkaline treated eggs.

#### **10.4 Egg-based desserts**

Includes ready-to-eat products and products to be prepared from a dry mix such as flan and egg custard. Also includes custard fillings for fine bakery wares (e.g. pies).

#### 11.0 Sweeteners, including honey

Includes all standardized sugars (11.1), non-standardized products (e.g. 11.2, 11.3, 11.4 and 11.6), and natural sweeteners (11.5 - honey).

#### 11.1 Refined and raw sugars

Nutritive sweeteners, such as fully or partially purified sucrose (derived from sugar beet and sugar cane), glucose (derived from starch), or fructose, that are included in sub-categories 11.1.1 to 11.1.5.

#### 11.1.1 White sugar, dextrose anhydrous, dextrose monohydrate, fructose

White sugar is purified and crystallized sucrose. Dextrose anhydrous is purified and crystallized D-glucose without water of crystallization. Dextrose monohydrate is purified and crystallized D-glucose with one molecule of water of crystallization. Fructose is purified and crystallized D-fructose. Examples include refined sugar, cube sugar, mishri etc.

#### 11.1.2 Powdered sugar, powdered dextrose

Powdered sugar (icing sugar) is finely pulverized white sugar with or without added anti-caking agents. Powdered dextrose (icing dextrose) is finely pulverized dextrose anhydrous or dextrose monohydrate, or a mixture of the two, with or without added anti-caking agents.

### 11.1.3 Soft white sugar, soft brown sugar, glucose syrup, dried glucose syrup, raw cane sugar

Soft white sugar is fine grain purified, moist sugar, that is white in colour. Soft brown sugar is fine grain moist sugar that is light to dark brown in colour. Glucose syrup is a purified concentrated aqueous solution of nutritive saccharides derived from starch or inulin or both. Dried glucose syrup is glucose syrup from which water has been partially removed. Raw cane sugar is partially purified sucrose crystallized

```
50 | Version 1 (01.09.2023)
```

from partially purified cane juice without further purification. Examples include Khandsari sugar.

#### 11.1.3.1 Dried glucose syrup used to manufacture sugar confectionery

Dried glucose syrup, as described in 11.1.3, used to manufacture candy products that are included in food category 5.2 (e.g. hard or soft candies).

#### 11.1.3.2 Glucose syrup used to manufacture sugar confectionery

Glucose syrup, as described in 11.1.3, used to manufacture candy products that are included in food category5.2 (e.g. hard or soft candies).

#### 11.1.4 Lactose

A natural constituent of milk normally obtained from whey. It may be anhydrous, or contain one molecule of water of crystallization, or be a mixture of both forms.

#### 11.1.5 Plantation or mill white sugar

Purified and crystallized sucrose.

<sup>52</sup>[**11.1.6 Gur or Jaggery** means the product obtained by boiling or processing juice pressed out of sugarcane or extracted from palmyra palm, date palm or coconut palm.

**11.1.6.1 Cane Jaggery or Gur** means the product obtained by boiling or processing juice pressed out of or extracted from sugarcane.

**11.1.6.2 Palm Jaggery or Gur** means the product obtained by boiling or processing juice pressed out of or extracted from palmyra palm or coconut palm.

**11.1.6.3 Date Jaggery or Gur** means the product obtained by boiling or processing juice pressed out of or extracted from date palm.]

#### **11.2 Brown sugar excluding products of food category 11.1.3**

Includes large-grain, brown or yellow lump sugars, such as demerara sugar, gur and jaggery.

11.3 Sugar solutions and syrups, also (partially) inverted, including treacle and molasses, excluding products of food category 11.1.3

Includes co-products of the sugar refining process (e.g. treacle and molasses), invert sugar (equimolarmixture of glucose and fructose produced from the hydrolysis of sucrose), and other sweeteners, such as high fructose corn syrup, high fructose inulin syrup and corn sugar.

#### **11.4 Other sugars and syrups**

Includes all types of table syrups (e.g. xylose, maple syrup), syrups for fine bakery wares and ices (e.g. caramel syrup, flavoured syrups), and decorative sugar toppings (e.g. coloured sugar crystals for cookies).

#### **11.5 Honey:**

Honey is the natural sweet substance produced by honeybees from the nectar of blossoms or secretions of plants. Examples of honey include wild flora honey, multi-flora honey, rapeseed or mustard honey, clover honey etc.

#### 11.6 Table-top sweeteners, including those containing high-intensity sweeteners

Includes products that are preparations of high-intensity sweeteners (e.g. acesulfame potassium, steviols) and/or ofpolyols (e.g. sorbitol). These products, which are sold to the final consumer, may be in powder, solid (e.g. tablets or cubes), or liquid form.

#### 12.0 Salts, spices, soups, sauces, salads, protein products

This is a broad category that includes substances added to food to enhance its aroma and taste (12.1 - salt and salt substitutes; 12.2 - herbs, spices, seasonings andcondiments (e.g. seasoning for instant noodles);12.3 - vinegars; and 12.4 - mustards),certain prepared foods (12.5 - soups and broths; 12.6 - sauces and like products; and12.7 - salads (e.g. macaroni salad, potato salad) and sandwich spreads, excludingcocoa and nut-based spreads of food categories 4.2.2.5 and 5.1.3)), and productscomposed primarily of protein that are derived from soybeans or from other sources(e.g. milk, cereal, or vegetables) (12.9 -soybean based seasonings and condiments;and 12.10 - protein products other than from soybeans).

#### 12.1 Salt and salt substitutes

Includes salt (12.1.1) and salt substitutes (12.1.2) used as seasoning for food.

#### 12.1.1 Salt

Primarily food-grade sodium chloride. Includes table salt, iodized and fluoride iodized salt, and dendritic salt. This category also includes similar traditional

products like black salt, rock salt (sendhanamak, kala namak, Gumma namak) sea salt etc.

#### 12.1.2 Salt substitutes

Salt substitutes are seasonings with reduced sodium content intended to be used on food in place of salt.

#### <sup>52</sup>[12.2 Herbs, spices, seasonings, and condiments

This category describes items intended to enhance the aroma and taste of food. Spices means any form of spice including curry powders, spice oils, oleoresins and other mixtures where spice content is predominant.]

### <sup>52</sup>[12.2.1 Herbs, spices, masalas, spice mixtures including oleoresins or extracts/derivatives thereof]

Herbs and spices are usually derived from botanical sources, and may be dehydrated, and either ground or whole. Examples include chilli, turmeric, pepper, asafoetida, anise, aniseed (saunf), basil, bay leaf, caraway (shiajeera), cardamom (elaichi), large cardamom, cinnamon, clove, cumin, and carom seeds (ajowain) etc. Spices may also be found as blends in powder or paste form. Examples of spice blends include chilli seasoning, chilli paste, curry paste, curry roux, and dry cures or rub that are applied to external surfaces of meat or fish. Blends of spices with other ingredients (Masalas) include curry powder, sambhar masala, rasam masala, chhole masala, pavbhaji masala etc.

#### **12.2.2 Seasonings and condiments**

Seasonings and condiments are spice mixes with other ingredients which go as toppings to sprinkle on rice and other foods, and include seasonings for noodles, Puliyogare mix, onion salt, garlic salt etc. The term "condiments" as used in the Food Category System does not include condiment sauces (e.g. ketchup, mayonnaise, mustard) or relishes.

#### **12.3 Vinegars**

Liquid produced from fermentation of ethanol from a suitable source (e.g. wine, cider). Examples include cider vinegar, wine vinegar, malt vinegar, spirit vinegar, grain vinegar, raisin vinegar, fruit (wine) vinegar and synthetic vinegar.

#### **12.4 Mustards**

Condiment sauce prepared from ground often defatted mustard seed that is mixed into slurry with water, vinegar, salt, oil and other spices and refined. Examples include Dijon mustard, and "hot" mustard (prepared from seeds with hulls).

#### 12.5 Soups and broths

Includes ready-to-eat soups and mixes. The finished products may be water- (e.g. consommé) or milk-based (e.g. chowder).

#### 12.5.1 Ready-to-eat soups and broths, including canned, bottled, and frozen

Water- or milk-based products consisting of vegetable, meat or fish broth with or without other ingredients (e.g. vegetables, meat, noodles) such as rasam, bouillon, broths, consommés, water- and cream-based soups, chowders, and bisques.

#### 12.5.2 Mixes for soups and broths

Concentrated soup to be reconstituted with water and/or milk, with or without addition of other optional ingredients (e.g. vegetables, meat, noodles) such as rasam powder, bouillon powders and cubes; powdered and condensed soups; and stock cubes and powders etc.

#### **12.6 Sauces and like products**

Includes ready-to-eat sauces, gravies and dressings, and mixes to be reconstituted before consumption. The ready-to-eat products are divided into sub-categories for emulsified (12.6.1) and non-emulsified (12.6.2) products, whereas the sub-category for the mixes (12.6.3) encompasses both emulsified and non-emulsified sauce mixes.

#### 12.6.1 Emulsified sauces and dips

Sauces, gravies, dressings based and dips, at least in part, on a fat- or oil-in water emulsion such as salad dressing (e.g. French, Italian, Greek, ranch style), fat-based sandwich spreads (e.g. mayonnaise with mustard), salad cream, and fatty sauces and snack dips (e.g. bacon and cheddar dip, onion dip).

#### 12.6.2 Non-emulsified sauces

Include water-, coconut milk-, and milk-based sauces, gravies and dressings. Examples include barbecue sauce, tomato ketchup, cheese sauce, Worcestershire sauce, Oriental thick Worcestershire sauce, chilli sauce, sweet and sour dipping sauce, and white (cream-based) sauce (sauce consisting primarily of milk or cream, with little added fat (e.g. butter) and flour, with or without seasoning or spices).

```
54 | Version 1 (01.09.2023)
```

#### 12.6.3 Mixes for sauces and gravies

Concentrated product, usually in powdered form, to be mixed with water, milk, oil or other liquid to prepare a finished sauce or gravy such as mixes for cheese sauce, and salad dressings etc.

#### 12.6.4 Clear sauces

Includes thin, non-emulsified clear sauces that may be water-based. These sauces may be used as condiments or ingredients rather than as finished gravy such as oyster sauce and fish sauce.

### 12.7 Salads and sandwich spreads excluding cocoa- and nut-based spreads of food categories 4.2.2.5 and 5.1.3

Includes prepared salads (e.g. macaroni salad, potato salad), milk-based sandwich spreads, non-standardized mayonnaise-like sandwich spreads, and dressings etc.

#### 12.8 Yeast and like products:

Includes baker's yeast and leaven used in the manufacture of baked goods. Includes the products used in the production of alcoholic beverages.

#### 12.9 Soybean-based seasonings and condiments

Includes products that are derived from soybeans and other ingredients intended for use as seasonings and condiments, such as fermented soybean paste and soybean sauces.

#### 12.9.1 Fermented soybean paste

The product is made of soybeans, salt, water and other ingredients, using the process of fermentation (e.g. miso).

#### 12.9.2 Soybean sauce

A liquid seasoning obtained by fermentation of soybeans, non-fermentation (e.g. hydrolysis) of soybeans, orby hydrolysis of vegetable protein.

#### 12.9.2.1 Fermented soybean sauce

A clear, non-emulsified sauce made of soybeans, cereal, salt and water by the fermentation process.

#### 12.9.2.2 Non-fermented soybean sauces

```
55 | Version 1 (01.09.2023)
```

Non-fermented soybean sauce, which is also known as non-brewed soybean sauce, may be produced from vegetable proteins, such as defatted soybeans that are acid-hydrolyzed (e.g. with hydrochloric acid), neutralized (e.g. with sodium carbonate), and filtered.

#### 12.9.2.3 Other soybean sauce

Non-emulsified sauce made from fermented soybean sauce and/or non-fermented soybean sauce, with or without sugar, with or without caramelization process.

#### 12.10 Protein products other than from soybeans

Includes cereal or legume or vegetable protein products such as wheat gluten, vegetable protein analogues, and proteinaceous meat or milk and fish substitutes. Includes their isolates, concentrates and hydrolystes, single cell protein including Spirulina.

#### **13.0** Foodstuffs intended for particular nutritional uses

13.1 Infant formulae, follow-up formulae, and formulae for special medical purposes for infants

#### **13.1.1 Infant formulae**

#### 13.1.2 Follow-up formulae

#### **13.2** Complementary foods for infants and young children

**13.3 Dietetic foods intended for special medical purposes (excluding products of food category 13.1)** 

#### 13.4 Dietetic formulae for slimming purposes and weight reduction

13.5 Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 -13.4 and 13.6

#### **13.6 Food supplements**

#### 14.0 Beverages, excluding dairy products

#### 14.1 Non-alcoholic ("soft") beverages

This broad category includes waters and carbonated waters (14.1.1), fruit and vegetable juices (14.1.2), fruit and vegetable nectars (14.1.3), water-based flavoured carbonated and non-carbonated drinks (14.1.4), and water-based brewed or steeped beverages such as coffee and tea (14.1.5).

#### 14.1.1 Waters

Includes natural waters (14.1.1.1) and other bottled waters (14.1.1.2), each of which may be non-carbonated or carbonated.

#### 14.1.1.1 Natural mineral waters and source waters

Waters obtained directly at the source and packaged close to the source; are characterized by the presence of certain mineral salts in relative proportions and trace elements or other constituents. Natural mineral water may be naturally carbonated (with carbon dioxide from the source), carbonated (with added carbon dioxide of another origin), decarbonised (with less carbon dioxide than present in the water at the source so it does not spontaneously give off carbon dioxide under conditions of standard temperature and pressure), or fortified (with carbon dioxide from the source), and non-carbonated (contains no free carbon dioxide).

#### 14.1.1.2 Table waters and soda waters

Includes waters other than natural source waters that may be carbonated by addition of carbon dioxide and may be processed by filtration, disinfection, or other suitable means. These waters may contain added mineral salts. Carbonated and noncarbonated waters containing flavours are found in category 14.1.4such as table water, bottled water with or without added minerals, purified water, seltzer water, club soda, and sparkling water.

#### 14.1.2 Fruit and vegetable juices

This category applies only to fruit and vegetable juices. Beverages based on fruit and vegetable juices are found in food category 14.1.4.2. Fruit-vegetable juice blends have separate classifications for each component (i.e. fruit juice (14.1.2.1) and vegetable juice (14.1.2.3).

#### 14.1.2.1 Fruit juices

Fruit juice is the unfermented but fermentable liquid obtained from the edible part of sound, appropriately mature and fresh fruit or of fruit maintained in sound condition by suitable means. The juice is prepared by suitable processes, which maintain the essential physical, chemical, organoleptical and nutritional characteristics of the juices of the fruit from which it comes. The juice may be cloudy or clear, and may have restored (to the normal level attained in the same kind of fruit) aromatic substances and volatile flavour components, all of which must be obtained by suitable physical means, and all of which must have been recovered from the same kind of fruit. Pulp and cells obtained by suitable physical means from the same kind of fruit may be added. A single juice is obtained from one kind of fruit. A mixed juice is obtained by blending two or more juices or juices and purees, from different kinds of fruit. Fruit juice may be obtained, e.g. by directly expressing the juice by mechanical extraction processes, by reconstituting concentrated fruit juice (food category 14.1.2.3) with water, or in limited situations by water extraction of the whole fruit. Examples include orange juice, apple juice, black currant juice, lemon juice, orange-mango juice and coconut water.

#### 14.1.2.2 Vegetable juices

Vegetable juice is the liquid unfermented but fermentable product intended for direct consumption obtained by mechanical expression, crushing, grinding, and/or sieving of one or more sound fresh vegetables or vegetables preserved exclusively by physical means. The juice may be clear, turbid, or pulpy. It may have been concentrated and reconstituted with water. Products may be based on a single vegetable (e.g. carrot) or blends of vegetables (e.g. carrots, celery).

#### 14.1.2.3 Concentrates of fruit juices

Concentrated fruit juice is the product that complies with the definition given in food category 14.1.2.1. It is prepared by the physical removal of water from fruit juice in an amount to increase the Brix level to a value at least 50% greater than that established for reconstituted juice from the same fruit. In the production of juice that is to be concentrated, suitable processes are used, and may be combined; with simultaneous diffusion of the pulp cells or fruit pulp by water, provided that the water-extracted soluble fruit solids are added in-line to the primary juice, before the concentration procedure. Fruit juice concentrates may have restored (to the normal level attained in the same kind of fruit) aromatic substances and volatile flavour components, all of which must be obtained by suitable physical means, and all of which must be recovered from the same kind of fruit. Pulp and cells obtained by

suitable physical means from the same kind of fruit may be added. Sold in liquid, syrup and frozen forms for the preparation of a ready-to-drink juice by addition of water. Examples include frozen orange juice concentrate, and lemon juice concentrate.

#### 14.1.2.4 Concentrates of vegetable juices

Prepared by the physical removal of water from vegetable juice. Sold in liquid, syrup and frozen forms for the preparation of a ready-to-drink juice by addition of water. Includes carrot juice concentrate.

#### 14.1.3 Fruit and vegetable nectars

Fruit and vegetable nectars are beverages produced from purees, juices, or concentrates of either, blended with water and sugar, honey, syrups, and/or sweeteners. Fruit-vegetable nectar blends are reported under their components (i.e. fruit nectar (14.1.3.1) and vegetable nectar (14.1.3.2).

#### 14.1.3.1 Fruit nectar

Fruit nectar is the unfermented but fermentable product obtained by adding water with or without the addition of sugar, honey, syrups, and/or sweeteners to fruit juice, concentrated fruit juice, fruit purees or concentrated fruit purees, or a mixture of those products. Aromatic substances, volatile flavour components, pulp and cells, all of which must have been recovered from the same kind of fruit and obtained by suitable physical means, may be added. Products may be based on a single fruit or on fruit blends such aspear nectar and peach nectar.

#### 14.1.3.2 Vegetable nectar

Product obtained by adding water with or without the addition of sugar, honey, syrups, and/or sweeteners to vegetable juice or concentrated vegetable juice, or a mixture of those products. Products may be based on a single vegetable or on a blend of vegetables.

#### 14.1.3.3 Concentrates of fruit nectar

Prepared by the physical removal of water from fruit nectar or its starting materials. Sold in liquid, syrup and frozen forms for the preparation of a ready-to-drink nectar by addition of water. Examples: pear nectar concentrate and peach nectar concentrate.

#### 14.1.3.4 Concentrates of vegetable nectar

Prepared by the physical removal of water from vegetable nectar. Sold in liquid, syrup and frozen forms forth preparation of ready-to-drink nectars by addition of water.

### 14.1.4 Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulateddrinks

Includes all carbonated and non-carbonated varieties and concentrates, products based on fruit and vegetable juices, coffee-, tea- and herbal-based drinks etc.

#### 14.1.4.1 Carbonated water-based flavoured drinks

Includes water-based flavoured drinks with added carbon dioxide with nutritive, nonnutritive and/or intense sweeteners and other permitted food additives. Includes *gaseosa* (water-based drinks with added carbon dioxide, sweetener, and flavour), and sodas such as colas, pepper-types, root beer, lemon-lime, and citrus types, both diet/light and regular types. These beverages may be clear, cloudy, or may contain particulate matter (e.g. fruit pieces). Includes so-called "energy" drinks that are carbonated and contain high levels of nutrients and other ingredients.

### 14.1.4.2 Non-carbonated water-based flavoured drinks, including punches and Ades

Include water-based flavoured drinks without added carbon dioxide, fruit and vegetable juice-based drinks(e.g. almond, aniseed, coconut-based drinks, and ginseng drink), fruit flavoured ades (e.g. lemonade, orangeade), fruit based soft drinks, capile groselha, lactic acid beverage, ready-to-drink coffee and tea drinks with or without milk or milk solids, and herbal-based drinks (e.g. iced tea, fruit-flavoured iced tea, chilled canned cappuccino drinks) and "sports" drinks containing electrolytes. These beverages may be clear or contain particulated matter (e.g. fruit pieces), and may be unsweetened or sweetened with sugar ora non-nutritive high-intensity sweetener. Includes so-called "energy" drinks that are non-carbonated and contain high levels of nutrients and other ingredients.

#### 14.1.4.3 Concentrates (liquid or solid) for water-based flavoured drinks

Include powder, syrup, liquid and frozen concentrates for the preparation of carbonated or non-carbonated water-based non-alcoholic beverages by addition of water or carbonated water. Examples include squashes, fountain syrups (e.g. cola

syrup), fruit syrups for soft drinks, frozen or powdered concentrate for lemonade and iced tea mixes.

### 14.1.5 Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa

Includes the ready-to-drink products (e.g. canned), and their mixes and concentrates such as chicory-based hot beverages (postum), rice tea, mate tea, and mixes for hot coffee and tea beverages (e.g. instant coffee, powder for hot cappuccino beverages). Treated coffee beans for the manufacture of coffee products are also included. Ready-to-drink cocoa is included in category 1.1.2, and cocoa mixes in 5.1.1.

#### 14.2 Alcoholic beverages, including alcohol-free and low-alcoholic counterparts

The alcohol-free and low-alcoholic counterparts are included in the same category as the alcoholic beverage.

#### 14.2.1 Beer and malt beverages

Alcoholic beverages brewed from germinated barley (malt), hops, yeast, and water such as ale, lager, pilsner, brown beer, weiss beer, oud bruin beer, Obergariges Einfachbier, light beer, table beer, malt liquor, porter, stout, and barley wine.

#### 14.2.2 Cider and Perry

Fruit wines made from apples (cider) and pears (Perry). Also includes cider bouche.

#### 14.2.3 Grape wines

Alcoholic beverage obtained exclusively from the partial or complete alcoholic fermentation of fresh grapes, whether crushed or not, or of grape must (juice).

#### 14.2.3.1 Still grape wine

Grape wine (white, red, rosé, or blush, dry or sweet) that may contain up to a maximum 0.4g/100 ml (4000mg/kg) carbon dioxide at 20°C.

#### 14.2.3.2 Sparkling and semi-sparkling grape wines

Grape wines in which carbonation is produced during the fermentation process, either by bottle fermentation or closed tank fermentation. Also includes carbonated wine whose carbon dioxide is partially or totally of exogenous origin such as spumante, and "cold duck" wine.

#### 14.2.3.3 Fortified grape wine, grape liquor wine, and sweet grape wine

Grape wines produced either by: (i) the fermentation of grape must (juice) of high sugar concentration; or (ii) by the blending of concentrated grape juice with wine; or (iii) the mixture of fermented must with alcohol such as grape dessert wine.

#### **14.2.4 Wines (other than grape)**

Includes wines made from fruit other than grapes, apples and pears, and from other agricultural products, including grain (e.g. rice). These wines may be still or sparkling. Examples include rice wine (*sake*), and sparkling and still fruit wines.

#### 14.2.5 Mead

Alcoholic liquor made from fermented honey, malt and spices, or just of honey. Includes honey wine.

#### 14.2.6 Distilled spirituous beverages containing more than 15% alcohol

Includes all distilled spirituous beverages derived from grain (e.g. corn, barley, rye, wheat), tubers (e.g. potato), fruit (e.g. grapes, berries) or sugar cane that contain greater than 15% alcohol such as aperitifs, brandy (distilled wine), cordials, liqueurs (including emulsified liqueurs), tequila, whiskey, and vodka.

#### 14.2.7 Aromatized alcoholic beverages

Includes all non-standardized alcoholic beverage products. Although most of these products contain less than 15% alcohol, some traditional non-standardized aromatized products may contain up to 24% alcoholsuch as aromatized wine, cider and perry; aperitif wines; and prepared cocktails (mixtures of liquors, liqueurs, wines, essences, fruit and plant extracts, etc. marketed as ready-to-drink products or mixes). Cooler-type beverages are composed of beer, malt beverage, wine or spirituous beverage, low-alcoholic refreshers, fruit juice(s), and soda water (if carbonated) etc.

#### 15.0 Ready-to-Eat savouries

Includes all types of savoury snack foods.

### **15.1 Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes)**

Includes all savoury snacks, with or without added flavourings, <sup>52</sup>[but excludes unsweetened crackers (category 7.1.2). Example includes potato chips], popcorn, pretzels, rice crackers, flavoured crackers (e.g. cheese-flavoured crackers), bhujia (namkeen; snack made of a mixture of flours, maize, potatoes, salt, dried fruit, peanuts, spices, colours, flavours, and antioxidants), and papads(prepared from soaked rice flour or from black gram or cow pea flour, mixed with salt and spices, and formed into balls or flat cakes), khari, kara, murukku, namakpara, chiwda, palakayalu, ribbon or thattupakoda, dalmoth or mixtures, soya nuts, nimki, fali (e.g. cholafali), other fried or baked snacks or savouries, uppuseedai, appam, bhel-mix, sev, gathiya, shankarpali, farsan, kurmura, murmura, papadi, crisps, chakli, etc. Also includes sweet snacks e.g. chikki, gajak, murrunda, gudchana, sugar coated dals and other sweet dal snacks (dals coated with jaggery, sugar, honey and other ingredients).

#### 15.2 Processed nuts, including coated nuts and nut mixtures

Includes all types of whole nuts processed by, e.g. dry-roasting, roasting, marinating or boiling, either in-shellor shelled, salted or unsalted. Yoghurt-, cereal-, and honey-covered nuts, and dried fruit-nut-and-cereal snacks are classified here. <sup>52</sup>[Chocolate-covered nuts are classified in 5.1.3, and nuts covered in imitation chocolate are included in 5.1.4.]

#### 15.3 Snacks - fish based

This describes savoury crackers with fish, fish products or fish flavouring. Dried fish per sethat may be consumed as a snack is assigned to food category 9.2.5, and dried meat snacks are assigned to food category 8.3.1.2.

#### **16.0 Prepared foods**

These foods are not included in the other food categories (1-15) and shall be considered on a case-bycasebasis. Prepared foods are mixtures of multiple components (e.g. meat, sauce, grain, cheese, vegetables); the components are included in other food categories. Prepared foods require minimal preparation by the consumer (e.g. heating, thawing, rehydrating).e.g. pav- bhaji, ready-to-eat dishes, biryani,curried rice, sandwiches (filling with egg /chicken/vegetarian sandwiches etc.), burgers, fish burgers, pizza etc. Provisions for additives will be listed in this food category in these regulations only if the additive is needed: (i) solely to have a technological function in the prepared food as sold to the consumer; or (ii) at a use

level that has an intentional technological function in the prepared food that exceeds the use level that can be accounted for by carry-over from the individual components

#### Reno **Functional** Definition **Technological purpose** Classes • Adjusting pH, acidity, alkalinity, and A food additive, 1 Acidity regulator which controls buffering activity. the acidity or alkalinity of a food. 2 Anti caking agent A food additive. Anticaking, anti-sticking, drying and which reduces dusting. the tendency of components of food to adhere to one another. Antifoamin 3 A food additive. Antifoaming and de-foaming. which prevents g agent reduces or foaming. 4 Antioxidant A food additive, Antioxidant, antioxidant synergist, and which prolongs antibrowning. the shelf-life of foods by protecting against deterioration caused by oxidation. Decolorising, and bleaching. 5 Bleaching A food additive

## III FUNCTIONAL CLASSES, DEFINITIONS AND TECHNOLOGICAL PURPOSES

Reno	Functional	Definition	Technological purpose
•	Classes		
	agent	(non-flour use) used to decolorize food. Bleaching agents do not include pigments.	
6	Bulking agent	A food additive, which contributes to the bulk of a food without contributing significantly to its available energy value.	Bulkingand filling.
7	Carbonating agent	A food additive used to provide carbonation in a food.	Providing carbon dioxide gas.
8	Carrier	A food additive used to dissolve, dilute, disperse or otherwise physically modify a food additive or nutrient without altering its function (and without	Carrier, diluent and encapsulation.

Reno	Functional Classes	Definition	Technological purpose
		exerting any technological effect itself) in order to facilitate its handling, application or use of the food additive or nutrient.	
9	Colour		Colour, decorative pigment, surface colourant for eye appeal
10	Colour retention agent	A food additive, which stabilizes, retains or intensifies the colour of a food	Colour fixation/retention/ stabilization
11	Emulsifier	which forms or maintains a uniform	Emulsification,plasticization,dispersio n, surface action,inhibition of crystallization, density adjustment (flavouring oils in beverages), suspensionand clouding.
12	Emulsifying salt	A food additive, which, in the manufacture of processed food, rearranges	-

Reno	Functional Classes	Definition	Technological purpose
•		proteins in order to prevent fat separation.	
13	Firming agent	A food additive, which makes or keeps tissues of fruit or vegetables firm and crisp, or interacts with gelling agents to produce or strengthen a gel.	Texture retention and strengthening.
14	Flavour enhancer	A food additive, which enhances the existing taste and/or odour of a food.	Enhancement or potentiation of flavours.
15	Flour reatment agent		Flour bleaching, improving, dough conditioning, and strengthening.
16	Foaming agent	A food additive, which makes it possible to form or maintain a uniform dispersion of a	Increased foaming, and aeration,

Reno	Functional Classes	Definition	Technological purpose
		gaseous phase in a liquid or solid food.	
17	Gelling agent	A food additive, which gives a food texture through formation of a gel.	Gel formation
18	Glazing agent	A food additive, which when applied to the external surface of a food, imparts a shiny appearance or provides a protective coating.	Glazing, sealing, coating, surface- finishing, polishing, andfilm-forming.
19	Humectant	A food additive, which prevents food from drying out by counteracting the effect of a dry atmosphere.	Moisture retentionand wetting.
20	Packaging gas	A food additive gas, which is introduced into a container before, during or after filling	Providing inert gaseous atmosphere in packages.

Reno	Functional	Definition	Technological purpose
•	Classes		
		with food with the intention to protect the food, for example, from oxidation or spoilage.	
21	Preservative	A food additive, which prolongs the shelf-life of a food by protecting against deterioration caused by microorganisms	Shelf life extension through antimicrobial action.
22	Propellant	A food additive gas, which expels a food from a container	Expulsion of food from a container
23	Raising agent	A food additive or a combination of food additives, which liberate(s) gas and thereby increase(s) the volume of a dough or batter.	Providing volume and body/texture.

Reno	Functional	Definition	Technological purpose
•	Classes		
24	Sequestrant	A food additive, which controls the availability of a cation.	Chelation of ions.
25	Stabilizer	A food additive, which makes it possible to maintain a uniform dispersion of two or more components.	Stabilizing of foams/ colloids/ emulsions.
26	Sweetener	A food additive (other than a mono- or disaccharide sugar), which imparts a sweet taste to a food.	Reduction of energy as a substitute to mono or disaccharide sugars
27	Thickener	A food additive, which increases the viscosity of a food.	Providing body and texture and binding

#### **IV. USE OF FOOD ADDITIVES IN FOOD PRODUCTS**

Food products may contain additives as specified in these regulations and in the following Tables. (All capital and bold additives in the Tables 1 to 15 refer to the Group of Additives listed with their INS Numbers in Annex-1)

### Table 1

#### Dairy products and analogues, excluding products of category 2.0

Food	Food	Food Additive	INS	Recommen	Note
Categor	Category	(3)	No.	ded	(6)
y System	Name		(4)	Maximum	
(1)	(2)			Level (5)	
1.0	Dairy				
	products and				
	analogues,				
	excluding				
	products of				
	food category				
	2.0				
1.1	Milk and				
	dairy-based				
1 1 1	drinks				
1.1.1	Milk and	NT. 11'.			
	buttermilk	No additives permit			
1.1.1.1	(plain) Milly (plain)	PHOSPHATES		1 500 mg/kg	22 227
1.1.1.1	Milk (plain)	PHOSPHAILS		1,500 mg/kg	33, 227
1.1.1.2	Buttermilk	PHOSPHATES		1,500 mg/kg	33
1.1.0	(plain)	A 10	050	250 /1	100
1.1.2	Dairy-based	Acesulfame	950	350 mg/kg	188
	drinks -	potassium			
	flavoured milk and/or	<sup>75</sup> [Omitted]			
	fermented	Allura red AC	129	100 mg/kg	52
		Aspartame	951	600 mg/kg	191
	-	Aspartame-	962	350 mg/kg	113
		Acesulfame salt			
		Brilliant blue FCF	133	100 mg/kg	52
		CAROTENOID		150 mg/kg	52
	-	S			
	-	Curcumin	100	100 mg/kg	
	-	Canthaxanthin	161g	15 mg/kg	52, 170
		Caramel color	150a	GMP	
		(plain)			

Dairy pro	ducts and ana	logues, excluding pro	ducts of c	ategory 2.0	
Food	Food	Food Additive	INS	Recommen	Note
Categor	Category	(3)	No.	ded	(6)
y System	Name		(4)	Maximum	
(1)	(2)			Level	
				(5)	
		Caramel III -	150c	2,000 mg/kg	52
		ammonia caramel			
		Caramel IV -	150d	2,000 mg/kg	52
		sulfite ammonia			
		caramel			
		Annatto	160b(i),	100 mg/kg	
			(ii)		
		beta-Carotenes,	160a(ii)	1,000 mg/kg	52
		vegetable			
		CHLOROPHYL		50 mg/kg	190, 52
		LS AND			
		CHLOROPHYL			
		LINS, COPPER			
		COMPLEXES			
		Diacetyltartaric	472e	5,000 mg/kg	
		and fatty acid			
		esters of glycerol			
		Fast green FCF	143	100 mg/kg	52
		Grape skin extract	163(ii)	150 mg/kg	181, 52
		<b>IRON OXIDES</b>		20 mg/kg	52
		Indigotine (Indigo	132	100 mg/kg	52
		carmine)			
		Neotame	961	20 mg/kg	
		PHOSPHATES		1,320 mg/kg	33
		POLYSORBAT		3,000 mg/kg	
		ES			
		Ponceau 4R	124	100 mg/kg	52
		Carmoisine	122	100 mg/kg	
		Erythrosine	127	50 mg/kg	

Table 1

Dairy pro	ducts and analog	gues, excluding pro	ducts of	category 2.0	
Food	Food	Food Additive	INS	Recommen	Note
Categor	Category	(3)	No.	ded	(6)
y System	<b>e</b> .		(4)	Maximum	
(1)	(2)			Level	
				(5)	
		Tartrazine	102	100 mg/kg	
	-	Propylene glycol	477	5,000 mg/kg	
		esters of fatty			
		acids			
	-	RIBOFLAVINS		300 mg/kg	52
	-	SACCHARINS		80 mg/kg	
		SORBATES		1,000 mg/kg	220, 42
	-	Steviol glycosides	960	200 mg/kg	26, 201
	-	Sucralose	955	300 mg/kg	
		(Trichlorogalactos			
		ucrose)			
		Sucroglycerides	474	5,000 mg/kg	
		Sunset yellow	110	100 mg/kg	52
		FCF			
		Sodium	554	60 mg/kg	6, 253
		aluminosilicate			
		Hydroxy propyl	464	7.5 g/kg	For
		methyl cellulose			flavoure
					d milk
					only
1.2	Fermented	PHOSPHATES		1,000 mg/kg	33
	and renneted				
	milk products				
	(plain),				
	excluding				
	food category				
	01.1.2 (dairy-				
	based drinks),				
	fermented				

Dairy pro	ducts and analog	gues, excluding pro	ducts of c	ategory 2.0	
Food	Food	Food Additive	INS	Recommen	Note
Categor	Category	(3)	No.	ded	(6)
y System			(4)	Maximum	
(1)	(2)			Level	
				(5)	
	milk				
	products,yog				
	hurt,				
	flavoured				
	yoghurt, dahi,				
	flavoured				
	dahi,mishti				
	dahi				
1.2.1	Fermented	Caramel IV -	150d	150 mg/kg	12
	milks (plain)*	sulfite ammonia			
		caramel	•		
		*No additives	permittee	l in Dahi	
1011	<b>T</b> ( 1	<sup>81</sup> [Omitted]			
1.2.1.1	Fermented				
	milks (plain)	No additives permit	ted		
	not heat				
	treated after fermentation				
1.2.1.2	Fermented	Diacetyltartaric	472e	5,000 mg/kg	
1.2.1.2	milks (plain)	and fatty acid	- <i>12</i> C	5,000 mg/kg	
	heat treated	2			
	after	Acetic and fatty	472a	GMP	234
	fermentation	acid esters of	.,		
		glycerol			
		Acid treated	1401	GMP	234
		starch			
		Alkaline treated	1402	GMP	234
		starch			
		Bleached starch	1403	GMP	234

Table 1

Dairy products and analogues, excluding products of category 2.0								
Food	Food	Food Additive	INS	Recommen	Note			
Categor	Category	(3)	No.	ded	(6)			
y System	Name		(4)	Maximum				
(1)	(2)			Level				
				(5)				
		Gellan gum	418	GMP	234			
		Glucono delta-	575	GMP				
		lactone						
		Guar gum	412	GMP	234			
		Gum arabic	414	GMP	234			
		(Acacia gum)						
		Hydroxypropyl	463	GMP	234			
		cellulose						
		Hydroxypropyl	464	GMP	234			
		methyl cellulose						
		Hydroxypropyl	1440	GMP	234			
		starch						
		Karaya gum	416	GMP	234			
		Konjac flour	425	GMP	234			
		Lactic and fatty	472b	GMP	234			
		acid esters of						
		glycerol						
		Magnesium	504(i)	GMP				
		carbonate						
		Magnesium	511	GMP	234			
		chloride						
		Magnesium	528	GMP				
		hydroxide						
		Magnesium	504(ii)	GMP				
		hydroxide						
		carbonate						
		Malic acid, DL-	296	GMP				
		Methyl cellulose	461	GMP	234			
		Methyl ethyl	465	GMP	234			

Dairy products and analogues, excluding products of category 2.0								
Food	Food	Food Additive	INS	Recommen	Note			
Categor	Category	(3)	No.	ded	(6)			
y System	Name		(4)	Maximum				
(1)	(2)			Level				
				(5)				
		cellulose						
		Microcrystalline	460(i)	GMP	234			
		cellulose						
		(Cellulose gel)						
		Mono and di	471	GMP	234			
		glycerides of fatty						
		acids						
		Nitrogen	941	GMP	59			
		Nitrous oxide	942	GMP	59			
		Pectins	440	GMP	234			
		Alginic acid	400	GMP	234			
		Ammonium	403	GMP	234			
		alginate						
		Ammonium	527	GMP				
		hydroxide						
		Calcium alginate	404	GMP	234			
		Calcium	170(i)	GMP				
		carbonate						
		Calcium	526	GMP				
		hydroxide						
		Calcium lactate	327	GMP				
		Calcium oxide	529	GMP				
		Carbon dioxide	290	GMP	59			
		Carob bean gum	410	GMP	234			
		Citric acid	330	GMP				
		Citric and fatty	472c	GMP	234			
		acid esters of						
		glycerol						
		Potassium	402	GMP	234			

• -	1	logues, excluding pro			
Food	Food	Food Additive	INS	Recommen	Note
Categor	Category	(3)	No.	ded	(6)
y System	Name		(4)	Maximum	
(1)	(2)			Level	
				(5)	
		alginate			
		Potassium	501(i)	GMP	234
		carbonate			
		Potassium	332(i)	GMP	234
		dihydrogen citrate			
		Potassium lactate	326	GMP	
		Powdered	460(ii)	GMP	
		cellulose			
		Salts of myristic,	470(i)	GMP	234
		palmitic and			
		stearic acids with			
		ammonia,			
		calcium,			
		potassium and			
		sodium			
		Salts of oleic acid	470(ii)	GMP	234
		with calcium,			
		potassium and			
		sodium			
		Sodium alginate	401	GMP	234
		Sodium carbonate	500(i)	GMP	
		Carboxymethyl	466	GMP	234
		cellulose			
		Sodium	331(i)	GMP	234
		dihydrogen citrate			
		Sodium hydrogen	500(ii)	GMP	
		carbonate			
		Sodium hydroxide	524	GMP	
		Sodium lactate	325	GMP	

Dairy pro	ducts and ana	logues, excluding pro	ducts of c	ategory 2.0	
Food	Food	Food Additive	INS	Recommen	Note
Categor	Category	(3)	No.	ded	(6)
y System	Name		(4)	Maximum	
(1)	(2)			Level	
				(5)	
		Tara gum	417	GMP	234
		Tragacanth gum	413	GMP	234
		Tripotassium	332(ii)	GMP	234
		citrate			
		Xanthan gum	415	GMP	234
		Curcumin	100	100 mg/kg	
		RIBOFLAVINS		GMP	
		Caramel colour	150a	150 mg/kg	
		(Plain) Caramel I			
		Annatto	160b(i),	100 mg/kg	
			(ii)		
		CAROTENOID		100 mg/kg	INS
		S			160f
					only in
					flavoure
					d and
					fruit
					yoghurt
		Canthaxanthin	161g	100 mg/kg	
		Tartrazine	102	100 mg/kg	
		Sunset yellow	110	100 mg/kg	
		FCF			
		Carmoisine	122	100 mg/kg	
		Ponceau 4R	124	100 mg/kg	
		Erythrosine	127	50 mg/kg	
		Indigotine	132	100 mg/kg	3
		(Indigocarmine)			
		Brilliant blue FCF	133	100 mg/kg	
		Fast green FCF	143	100 mg/kg	

Table 1

Dairy products and analogues, excluding products of category 2.0								
Food	Food	Food Additive	INS	Recommen	Note			
Categor	Category	(3)	No.	ded	(6)			
y System	Name		(4)	Maximum				
(1)	(2)			Level				
				(5)				
1.2.2	Renneted	Caramel IV -	150d	GMP				
	milk (plain)	sulfite ammonia						
		caramel						
		Diacetyltartaric	472e	5,000 mg/kg				
		and fatty acid						
		esters of glycerol						
		SORBATES		1,000 mg/kg	42			
		Calcium	170(i)	GMP				
		carbonate						
		Carbon dioxide	290	GMP	59			
		Lecithins	322(i),(	GMP				
			ii)					
		Carob bean gum	410	GMP				
		Guar gum	412	GMP				
		Gum arabic	414	GMP				
		(Acacia gum)						
		Mannitol	421	GMP				
		Glycerol	422	GMP	1			
		Microcrystalline	460(i)	GMP				
		cellulose						
		(Cellulose gel)						
		Methyl cellulose	461	GMP				
		Hydroxypropyl	463	GMP	1			
		cellulose						
		Hydroxypropyl	464	GMP				
		methyl cellulose						
		Methyl ethyl	465	GMP				
		cellulose						

Table 1

Dairy pro	ducts and ana	logues, excluding pro	ducts of	category 2.0	
Food	Food	Food Additive	INS	Recommen	Note
Categor	Category	(3)	No.	ded	(6)
y System	Name		(4)	Maximum	
(1)	(2)			Level	
				(5)	
		Acetic and fatty	472a	GMP	
		acid esters of			
		glycerol			
		Lactic and fatty	472b	GMP	
		acid esters of			
		glycerol			
		Citric and fatty	472c	GMP	
		acid esters of			
		glycerol			
		Magnesium	511	GMP	
		chloride			
		Nitrogen	941	GMP	
		Dextrins, roasted	1400	GMP	
		starch			
		Acid-treated	1401	GMP	
		starch			
		Alkaline treated	1402	GMP	
		starch			
		Bleached starch	1403	GMP	
		Oxidized starch	1404	GMP	
		Monostarch	1410	GMP	
		phosphate			
		Distarch	1412	GMP	
		phosphate			
		Acetylated	1414	GMP	
		distarch			
		phosphate			
		Acetylated	1422	GMP	
		distarch adipate			

Table 1

Dairy products and analogues, excluding products of category 2.0								
Food	Food	Food Additive	INS	Recommen	Note			
Categor	Category	(3)	No.	ded	(6)			
y System	Name		(4)	Maximum				
(1)	(2)			Level				
				(5)				
		Hydroxypropyl	1440	GMP				
		starch						
		Hydroxypropyl	1442	GMP				
		distarch						
		phosphate						
		Pectins	440	GMP				
		Phosphated	1413	GMP				
		distarch						
		phosphate						
		Potassium	332(i)	GMP				
		dihydrogen citrate						
		Powdered	460(ii)	GMP				
		cellulose						
		Salts of myristic,	470(i)	GMP				
		palmitic and						
		stearic acids with						
		ammonia,						
		calcium,						
		potassium and						
		sodium						
		Salts of oleic acid	470(ii)	GMP				
		with calcium,						
		potassium and						
		sodium						
		Carboxymethyl	466	GMP				
		cellulose						
		Sodium	331(i)	GMP				
		dihydrogen citrate						
		Starch acetate	1420	GMP				

Table 1

Dairy pro	ducts and analog	gues, excluding pro	ducts of c	ategory 2.0	
Food	Food	Food Additive	INS	Recommen	Note
Categor	Category	(3)	No.	ded	(6)
y System	Name		(4)	Maximum	
(1)	(2)			Level	
				(5)	
		Starch sodium	1450	GMP	
		octenyl succinate			
		Starches, enzyme	1405	GMP	
		treated			
		Tara gum	417	GMP	
		Tragacanth gum	413	GMP	
		Tripotassium	332(ii)	GMP	
		citrate			
		Trisodium citrate	331(iii)	GMP	
1.3	Condensed				
	/evaporated				
	milk and				
	analogues				
	(plain)				
1.3.1	Condensed	Calcium	170(i)		Total
	milk (plain),	carbonate		_	salt
	evaporated	Sodium citrates	331		content
	milk(s),	Potassium citrates	332	_	shall not
	sweetened	Calcium citrates	333	2,000 mg/kg	exceed
	condensed	PHOSPHATES		singly or	3,000
	milk(s)	Sodium carbonate	500(i)	3,000 mg/kg	mg/kg
		Potassium	501(i)	in	calculate
		carbonate		combination	d as
		Potassium	508		phospho
		chloride			horus/ca
		Calcium chloride	509		rbonates
					/citrate/
		Clucopo dalta	575	CMD	chloride Dormitto
		Glucono delta	575	GMP	Permitte

Dairy pro	ducts and analo	gues, excluding pro	ducts of	category 2.0	
Food	Food	Food Additive	INS	Recommen	Note
Categor	Category	(3)	No.	ded	(6)
y System	Name		(4)	Maximum	
(1)	(2)			Level	
				(5)	
		lactone			d in
					khoya
					only
		Propionic acid;	280,	2,000 mg/kg	Permitte
		sodium and	281,		d in
		calcium	282		khoya
		propionate			only
		expressed as			
		propionic acid			
		(singly or in			
		combination)			
		SORBATES		2,000 mg/kg	Permitte
					d in
					khoya
					only
		Nisin	234	12.5 mg/kg	Permitte
					d in
					khoya
					only
		Carrageenan	407	150 mg/kg	
1.3.2	Beverage				
	whitener				
1.3.2.1	Non dairy	ASCORBYL		80 mg/kg	10
	based	ESTERS			
	beverage	Acesulfame	950	2,000 mg/kg	188
	whitener	potassium			
		Aspartame	951	6,000 mg/kg	191
		CAROTENOID		100 mg/kg	
		S			

Dairy pro	ducts and ana	logues, excluding pro	ducts of c	ategory 2.0	
Food	Food	Food Additive	INS	Recommen	Note
Categor	Category	(3)	No.	ded	(6)
y System	Name		(4)	Maximum	
(1)	(2)			Level	
				(5)	
		Caramel III -	150c	1,000 mg/kg	
		ammonia caramel			
		Caramel IV -	150d	1,000 mg/kg	
		sulfite ammonia			
		caramel			
		beta-Carotenes,	160a(ii)	1,000 mg/kg	
		vegetable			
		Diacetyl tartaric	472e	5,000 mg/kg	
		and fatty acid			
		esters of glycerol			
		Neotame	961	65 mg/kg	
		PHOSPHATES		13,000	33
				mg/kg	
		POLYSORBAT		4,000 mg/kg	
		ES			
		Propylene glycol	477	1,000 mg/kg	
		esters of fatty			
		acids			
		RIBOFLAVINS		300 mg/kg	
		SORBATES		200 mg/kg	42
		Sodium alumino	554	570 mg/kg	260, 6
		silicate			
		Sucralose	955	580 mg/kg	
		(Trichlorogalactos			
		ucrose)			
		Sucroglycerides	474	20,000	
				mg/kg	
		Tertiary	319	100 mg/kg	15, 195
		butylhydroquinon			

Dairy pro	ducts and analog	gues, excluding pro	ducts of	category 2.0		
Food	Food	Food Additive	INS	Recommen	Note	
Categor	Category	(3)	No.	ded	(6)	
y System	Name		(4)	Maximum		
(1)	(2)			Level		
				(5)		
		e (TBHQ)				
1.4	Cream (plain)					
	and the like					
	cream and					
	malai					
1.4.1	Pasteurized					
	cream (plain),	No additives permit	No additives permitted			
	cream and	100 additives permit				
	malai					
1.4.2		PHOSPHATES		2,200 mg/kg	33	
	UHT creams,	POLYSORBAT		1,000 mg/kg		
	whipping and	ES				
	whipped	Acetic and fatty	472a	GMP		
	creams, and	acid esters of				
	reduced fat	glycerol				
	creams	Acetylated	1422	GMP		
	(plain)	distarch adipate				
		Acetylated	1414	GMP		
		distarch				
		phosphate				
		Acid-treated	1401	GMP	236	
		starch				
		Agar	406	GMP		
		Alginic acid	400	GMP		
		Ammonium	403	GMP		
		alginate				
		Bleached starch	1403	GMP	236	
		Calcium alginate	404	GMP		

Table 1

Dairy pro	ducts and ana	logues, excluding pro	ducts of o	category 2.0	
Food	Food	Food Additive	INS	Recommen	Note
Categor	Category	(3)	No.	ded	(6)
y System	Name		(4)	Maximum	
(1)	(2)			Level	
				(5)	
		Calcium	170(i)	GMP	
		carbonate			
		Calcium chloride	509	GMP	
		Calcium lactate	327	GMP	
		Calcium sulfate	516	GMP	
		Carbon dioxide	290	GMP	278, 59
		Carob bean gum	410	GMP	
		Carrageenan	407	GMP	
		Citric acid	330	GMP	
		Citric and fatty	472c	GMP	
		acid esters of			
		glycerol			
		Dextrins, roasted	1400	GMP	236
		starch			
		Diacetyltarteric	472e	6,000 mg/kg	
		and fatty acid			
		esters of glycerol			
		Distarch	1412	GMP	
		phosphate			
		Gellan gum	418	GMP	
		Guar gum	412	GMP	
		Gum arabic	414	GMP	
		(Acacia gum)			
		Hydroxypropyl	463	GMP	
		cellulose			
		Hydroxypropyl	1442	GMP	
		distarch			
		phosphate			
		Hydroxypropyl	464	GMP	

Table 1

Dairy pro	Dairy products and analogues, excluding products of category 2.0									
Food	Food	Food Additive	INS	Recommen	Note					
Categor	Category	(3)	No.	ded	(6)					
y System	Name		(4)	Maximum						
(1)	(2)			Level						
				(5)						
		methyl cellulose								
		Hydroxypropyl	1440	GMP						
		starch								
		Konjac flour	425	GMP	236					
		Lactic acid, L-, D-	270	GMP						
		and DL-								
		Lactic and fatty	472b	GMP						
		acid esters of								
		glycerol								
		Lecithins	322(i),	GMP						
			(ii)							
		Methyl cellulose	461	GMP						
		Methyl ethyl	465	GMP						
		cellulose								
		Microcrystalline	460(i)	GMP						
		cellulose								
		(Cellulose gel)	471							
		Mono- and di-	471	GMP						
		glycerides of fatty								
		acids Monostarch	1410	GMP						
		phosphate	1410	OMF						
		Nitrogen	941	GMP	278, 59					
		Nitrous oxide	942	GMP	278, 59					
		Oxidized starch	1404	GMP	236					
		Pectins	440	GMP						
		Phosphated	1413	GMP						
		distarch								
		phosphate								

Table 1

Dairy products and analogues, excluding products of category 2.0									
Food	Food	<b>Food Additive</b>	INS	Recommen	Note				
Categor	Category	(3)	No.	ded	(6)				
y System	Name		(4)	Maximum					
(1)	(2)			Level					
				(5)					
		Polydextroses	1200	GMP	236				
		Potassium	402	GMP					
		alginate							
		Potassium	501(i)	GMP					
		carbonate							
		Potassium	508	GMP					
		chloride							
		Potassium	332(i)	GMP	1				
		dihydrogen citrate							
		Potassium	501(ii)	GMP					
		hydrogen							
		carbonate							
		Potassium lactate	326	GMP					
		Powdered	460(ii)	GMP					
		cellulose							
		Processed	407a	GMP					
		eucheuma							
		seaweed							
		Sodium alginate	401	GMP					
		Sodium carbonate	500(i)	GMP					
		Carboxymethyl	466	GMP					
		cellulose							
		Sodium	331(i)	GMP					
		dihydrogen citrate							
		Sodium hydrogen	500(ii)	GMP	1				
		carbonate							
		Sodium lactate	325	GMP	1				
		Sodium	500(iii)	GMP					
		sesquicarbonate	, ,						

Dairy pro	ducts and analog	gues, excluding pro	ducts of c	ategory 2.0	
Food	Food	Food Additive	INS	Recommen	Note
Categor	Category	(3)	No.	ded	(6)
y System	Name		(4)	Maximum	
(1)	(2)			Level	
				(5)	
		Starch acetate	1420	GMP	
		Starch sodium	1450	GMP	
		octenyl succinate			
		Tara gum	417	GMP	236
		Tragacanth gum	413	GMP	236
		Tricalcium citrate	333(iii)	GMP	
		Tripotassium	332(ii)	GMP	
		citrate			
		Trisodium citrate	331(iii)	GMP	
		Xanthan gum	415	GMP	
1.4.3	Clotted cream	Diacetyltartaric	472e	5,000 mg/kg	
	(plain)	and fatty acid			
		esters of glycerol			
		Nisin	234	10 mg/kg	
		PHOSPHATES		2,200 mg/kg	33
		POLYSORBAT		1,000 mg/kg	
		ES			
1.4.4	Cream	Acesulfame	950	1,000 mg/kg	188
	analogues	potassium			
		Aspartame	951	1,000 mg/kg	191
		CAROTENOID		20 mg/kg	
		S			
		Caramel III -	150c	5,000 mg/kg	
		ammonia caramel			
		Caramel IV -	150d	5,000 mg/kg	
		sulfite ammonia			
		caramel			
		beta-Carotenes,	160a(ii)	20 mg/kg	
		vegetable			

Dairy pro	ducts and analog	gues, excluding pro	ducts of c	category 2.0	
Food	Food	Food Additive	INS	Recommen	Note
Categor	Category	(3)	No.	ded	(6)
y System	Name		(4)	Maximum	
(1)	(2)			Level	
				(5)	
		Diacetyltartaric	472e	6,000 mg/kg	
		and fatty acid			
		esters of glycerol			
		Grape skin extract	163(ii)	150 mg/kg	181, 201
		Neotame	961	33 mg/kg	
		PHOSPHATES		2,200 mg/kg	33
		POLYSORBAT		5,000 mg/kg	
		ES			
		Propylene glycol	477	5,000 mg/kg	86
		esters of fatty			
		acids			
		Sucralose	955	580 mg/kg	
		(Trichlorogalactos			
		ucrose)			
1.5	Milk powder				
	and cream				
	powder and				
	powder				
	analogues				
	(plain)				
1.5.1	Milk powder	ASCORBYL		500mg/kg	10
	and cream	ESTERS			
	powder	Butylated			
	(plain)	hydroxyanisole	320	100mg/kg	15, 196
		(BHA)			
		Butylated			
		hydroxytoluene (BHT)	321	200mg/kg	15, 196

Table 1

Dairy pro	Dairy products and analogues, excluding products of category 2.0								
Food	Food	Food Additive	INS	Recommen	Note				
Categor	Category	(3)	No.	ded	(6)				
y System	Name		(4)	Maximum					
(1)	(2)			Level					
				(5)					
		Calcium	556	265 mg/kg	6, 259				
		aluminium silicate							
		Diacetyltartaric	472e	10,000					
		and fatty acid		mg/Kg					
		esters of glycerol							
		PHOSPHATES		3,000 mg/kg	33				
		Polydimethylsilox	900a	10 mg/kg					
		ane							
		Propyl gallate	310	200 mg/kg					
		Sodium alumino	554	265 mg/kg					
		silicate							
		Sucroglycerides	474	10,000					
				mg/kg					
1.5.1.1	Dairy								
	baseddairy								
	whitener								
1.5.2	Powder	ASCORBYL		80 mg/kg	10				
	analogues	ESTERS							
		Acesulfame	950	1,000 mg/kg	188				
		potassium							
		Aspartame	951	2,000 mg/kg	191				
		CAROTENOID		100 mg/kg	209				
		S							
		Calcium	556	570 mg/kg	6, 259				
		aluminium silicate							
		Caramel III -	150c	5,000 mg/kg					
		ammonia caramel							
		Caramel IV -	150d	5,000 mg/kg					
		sulfite ammonia							

Dairy pro	Dairy products and analogues, excluding products of category 2.0								
Food	Food	Food Additive	INS	Recommen	Note				
Categor	Category	(3)	No.	ded	(6)				
y System	Name		(4)	Maximum					
(1)	(2)			Level					
				(5)					
		caramel							
		beta-Carotenes,	160a(ii)	1,000 mg/kg					
		vegetable							
		Diacetyltartaric	472e	10,000					
		and fatty acid		mg/kg					
		esters of glycerol							
		Grape skin extract	163(ii)	150 mg/kg	201,				
					209, 181				
		Neotame	961	65 mg/kg					
		PHOSPHATES		4,400 mg/kg	<sup>52</sup> [88,				
					33]				
		POLYSORBAT		4,000 mg/kg					
		ES							
		Propylene glycol	477	GMP					
		esters of fatty							
		acids							
		RIBOFLAVINS		300 mg/kg					
		Sodium alumino	554	570 mg/kg	6, 259				
		silicate	0.60	220 /	26.201				
		Steviol glycosides	960	330 mg/kg	26, 201				
1.6	Cheese and								
	analogues								
1.6.1	Unripened	Aspartame	951	1,000 mg/kg	191				
	cheese			100 mg/kg					
		S							
		CHLOROPHYL		50 mg/kg					
		LS AND							
		CHLOROPHYL							
		LIN, COPPER							

Table 1

	1	logues, excluding pro			1
Food	Food	Food Additive	INS	Recommen	Note
Categor	Category	(3)	No.	ded	(6)
y System	Name		(4)	Maximum	
(1)	(2)			Level	
				(5)	
		COMPLEXES			
		Canthaxanthin	161g	15 mg/kg	201
		Caramel III -	150c	15,000	201
		ammonia caramel		mg/kg	
		Caramel IV -	150d	50,000	201
		sulfite ammonia		mg/kg	
		caramel			
		Indigotine (Indigo	132	200 mg/kg	3
		carmine)			
		Lauric arginate	243	200 mg/kg	
		ethyl ester			
		Natamycin	235	40 mg/kg	80, 3
		(Pimaricin)			
		PHOSPHATES		4,400 mg/kg	33
		POLYSORBAT		80 mg/kg	38
		ES			
		Ponceau 4R	124	100 mg/kg	3
		RIBOFLAVINS		300 mg/kg	
		SORBATES		2,000 mg/kg	42, 22
					<sup>82</sup> [Omitt
					ed]
		Nisin	234	12.5 mg/kg	<sup>82</sup> [233]

Table 1

Dairy pro	Dairy products and analogues, excluding products of category 2.0								
Food	Food	Food Additive	INS	Recommen	Note				
Categor	Category	(3)	No.	ded	(6)				
y System			(4)	Maximum					
(1)	(2)			Level					
				(5)					
		Propionic acid,	280,	3,000 mg/kg	<sup>82</sup> [Omitt				
		sodium	281,		ed]				
		propionate,	282,						
		calcium	283		(singly				
		propionate,			or in				
					combina				
					tion,				
					expresse				
					d as				
					propioni				
					c acid)				
		Glucono delta	575	GMP	(for				
		lactone			channa				
					and				
					paneer				
					only)				
		Sunset yellow	110	100 mg/kg	3				
		FCF							
		Calcium chloride	509	200 mg/kg	Except				
					cream				
					cheese				
		beta-Carotenes,	160a(ii)	600 mg/kg	Except				
		vegetable			coulom				
					miers				
		Carrageenan	407	5,000 mg/kg	For				
					cream				
					cheese				
					only				

Table 1

Dairy pro	ducts and analog	gues, excluding pro	ducts of ca	ategory 2.0	
Food	Food	Food Additive	INS	Recommen	Note
Categor	Category	(3)	No.	ded	(6)
y System	Name		(4)	Maximum	
(1)	(2)			Level	
				(5)	
		Alginate of	401,402	5,000 mg/kg	For
		sodium/potassium	, 404		cream
		/calcium			cheese
					only
		Propylene glycol	405	5000 mg/kg	
		alginate			
		Paprika extract	160c	GMP	
		Curcumin	100	GMP	
		Annatto	<sup>52</sup> [160b	GMP	
			(i) and		
			(ii)]		
1.6.2	Ripened	Canthaxanthin	161g	15 mg/kg	201
	cheese,	Lysozyme	1105	GMP	
	(Cheddar,Da	Natamycin	235	40 mg/kg	3, 80
	nbo,Edam,Go	(Pimaricin)			
	uda,Havarti,	Nisin	234	12 mg/kg	
	Tilisiter,Cam	SORBATES		3,000 mg/kg	42
	embert,	Calcium chloride	509	200 mg/kg	
	Brie,St	RIBOFLAVINS		300 mg/kg	
	Paulin,	Sodium salts of	339,		Total
	Samsoe,Emm	mono/di/poly	450(i,		salt
	entaler,	phosphoric acid	ii, iii)		content
	Provolone,ext		451(i),4		should
	ra hard		52(i)		not
	grating	Potassium salts of	340,		exceed
	/sliced/cut/shr	mono/di/poly	450	9,000 mg/kg	9000
	eded cheese)	phosphoric acid	(iv),		mg/kg
			(v),		calculate
			451(ii),		d as

Table 1

Dairy pro	Dairy products and analogues, excluding products of category 2.0								
Food	Food	Food Additive	INS	Recommen	Note				
Categor	Category	(3)	No.	ded	(6)				
y System	Name		(4)	Maximum					
(1)	(2)			Level					
				(5)					
			452(ii)		phospho				
					horus/ca				
					rbonates				
					/citrate/				
					chloride				
		Curcumin	100	100 mg/kg					
		beta-Carotenes,	160a(ii)	100 mg/kg					
		vegetable							
		Annatto extracts,	160b(ii)	100 mg/kg					
		norbixin-based							
		Annatto extracts,	160b(i)	50 mg/kg	Normal				
		bixin-based			to				
					orange				
					colour				
		Propionic acid,	280,	3,000 mg/kg	Singly				
		sodium	281,		or in				
		propionate,	282,		combina tion,				
		calcium	283		expresse				
		propionate,			d as				
					propioni				
		(0			c acid				
		<sup>69</sup> [****]							
		Paprika extract	160c	GMP					
1.6.2.1	Ripened	ASCORBYL		500 mg/kg					
	cheese	ESTERS							
	includes rind	CAROTENOID		100 mg/kg					
		S							

Table 1

Dairy pro	ducts and analog	gues, excluding pro	ducts of ca	ategory 2.0	
Food	Food	Food Additive	INS	Recommen	Note
Categor	Category	(3)	No.	ded	(6)
y System	Name		(4)	Maximum	
(1)	(2)			Level	
				(5)	
		CHLOROPHYL		15 mg/kg	
		LS AND			
		CHLOROPHYL			
		LIN, COPPER			
		COMPLEXES			
		Canthaxanthin	161g	15 mg/kg	
		Caramel IV -	150d	50,000	
		sulfite ammonia		mg/kg	
		caramel			
		beta-Carotenes,	160a(ii)	600 mg/kg	
		vegetable			
		Diacetyltartaric	472e	10,000	
		and fatty acid		mg/kg	
		esters of glycerol			
		Hexamethylene	239	25 mg/kg	<sup>52</sup> [66,
		tetramine			298]
		Lauric arginate	243	200 mg/kg	
		ethyl ester			
		Lysozyme	1105	GMP	
		Natamycin	235	40 mg/kg	
		(Pimaricin)			
		Nisin	234	12 mg/kg	
		RIBOFLAVINS		300 mg/kg	
		SORBATES		3,000 mg/kg	
1.6.2.2	Rind of	Allura red AC	129	100 mg/kg	
	ripened	Brilliant blue FCF	133	100 mg/kg	
	cheese	CAROTENOID		500 mg/kg	
		S			

Table 1

Dairy pro	ducts and ana	logues, excluding pro	ducts of c	ategory 2.0	
Food	Food	Food Additive	INS	Recommen	Note
Categor	Category	(3)	No.	ded	(6)
y System	Name		(4)	Maximum	
(1)	(2)			Level	
				(5)	
		CHLOROPHYL		75 mg/kg	
		LS AND			
		CHLOROPHYL			
		LIN, COPPER			
		COMPLEXES			
		Canthaxanthin	161g	15 mg/kg	
		Caramel III -	150c	50,000	
		ammonia caramel		mg/kg	
		Caramel IV -	150d	50,000	
		sulfite ammonia		mg/kg	
		caramel			
		beta-Carotenes,	160a(ii)	1,000 mg/kg	
		vegetable			
		Grape skin extract	163(ii)	1,000 mg/kg	
		<b>IRON OXIDES</b>		100 mg/kg	
		Indigotine (Indigo	132	100 mg/kg	
		carmine)			
		Lysozyme	1105	GMP	
		Microcrystalline	905c(i)	30,000	
		wax		mg/kg	
		Natamycin	235	40 mg/kg	
		(Pimaricin)			
		Nisin	234	12 mg/kg	
		Ponceau 4R	124	100 mg/kg	
		RIBOFLAVINS		300 mg/kg	
		SORBATES		3,000 mg/kg	
		Sunset yellow FCF	110	100 mg/kg	
1.6.2.3	Cheese	CAROTENOID		100 mg/kg	

Table 1

Dairy pro	ducts and analo	gues, excluding pro	ducts of c	ategory 2.0	
Food	Food	Food Additive	INS	Recommen	Note
Categor	Category	(3)	No.	ded	(6)
y System	Name		(4)	Maximum	
(1)	(2)			Level	
				(5)	
	powder	CHLOROPHYL		50 mg/kg	
		LS AND			
		CHLOROPHYL			
		LIN, COPPER			
		COMPLEXES			
		Canthaxanthin	161g	15 mg/kg	201
		beta-Carotenes,	160a(ii)	1,000 mg/kg	
		vegetable			
		Lysozyme	1105	GMP	
		Natamycin	235	40 mg/kg	3, 80
		(Pimaricin)			
		Nisin	234	12 mg/kg	
		SORBATES		3,000 mg/kg	42
1.6.3	Whey cheese	Lauric arginate	243	200 mg/kg	
		ethyl ester			
		SORBATES		1,000 mg/kg	42
1.6.4	Processed				
	cheese				
1.6.4.1	Plain	Allura red AC	129	100 mg/kg	
	processed	CAROTENOID		100 mg/kg	
	cheese/	S			
	processed	beta-Carotenes,	160a(ii)	1,000 mg/kg	
	cheese,	vegetable			
	processed	Diacetyltartaric	472e	10,000	
	cheese	and fatty acid		mg/kg	
	spreads	esters of glycerol			
		HYDROXYBEN		300 mg/kg	27
		ZOATES,			
		PARA-			

Dairy pro	ducts and anal	ogues, excluding pro	ducts of <b>c</b>	category 2.0	
Food	Food	Food Additive	INS	Recommen	Note
Categor	Category	(3)	No.	ded	(6)
y System	Name		(4)	Maximum	
(1)	(2)			Level	
				(5)	
		IRON OXIDES		50 mg/kg	
		Lauric arginate	243	200 mg/kg	80,3
		ethyl ester			
		Natamycin	235	40 mg/kg	
		(Pimaricin)			
		PHOSPHATES		9,000 mg/kg	<sup>69</sup> [33]
		RIBOFLAVINS		300 mg/kg	
		SODIUM		1,600 mg/kg	251, 6
		ALUMINIUM			
		PHOSPHATES			
		SORBATES		3,000 mg/kg	42
		Sunset yellow	110	100 mg/kg	3
		FCF			
		Curcumin	100	100 mg/kg	
		Chlorophyll	140	100 mg/kg	
		Annatto	160(b)	50 mg/kg	
			(i), (ii)		
		Nisin	234	12.5 mg/kg	
1.6.4.2	Flavoured	Allura red AC	129	100 mg/kg	
	processed	CAROTENOID		100 mg/kg	
	cheese,	S			
	including	CHLOROPHYL		50 mg/kg	
	containing	LS AND			
	fruit,	CHLOROPHYL			
	vegetables,	LIN, COPPER			
	meat etc.	COMPLEXES			
		Canthaxanthin	161g	15 mg/kg	
		Caramel III -	150c	50,000	

Food				
	Food Additive	INS	Recommen	Note
Category	(3)	No.	ded	(6)
Name		(4)	Maximum	
(2)			Level	
			(5)	
	ammonia caramel		mg/kg	
	Caramel IV -	150d	50,000	72
	sulfite ammonia		mg/kg	
	caramel			
	beta-Carotenes,	160a(ii)	1,000 mg/kg	
	vegetable			
	Diacetyltartaric	472e	10,000	
	and fatty acid		mg/kg	
	esters of glycerol			
	Grape skin extract	163(ii)	1,000 mg/kg	
			300 mg/kg	27
	,			
			50 mg/kg	
		132	100 mg/kg	
	,			
	-	243	200 mg/kg	
	-		4.0 /	• • • •
		235	40  mg/kg	3, 80
	· · · ·		$0.000 m \sigma/1 \sigma$	22
		124		33
		124		
				251 5
			1600 mg/kg	251, 6
			3.000 mg/kg	42
		110		
		(2) ammonia caramel Caramel IV - sulfite ammonia caramel beta-Carotenes, vegetable Diacetyltartaric and fatty acid esters of glycerol	(2)ammonia caramelCaramel IV - sulfite ammonia caramel150dbeta-Carotenes, vegetable160a(ii)beta-Carotenes, vegetable160a(ii)Diacetyltartaric and fatty acid esters of glycerol472eGrape skin extract163(ii)HYDROXYBEN ZOATES, PARA-163(ii)IRON OXIDES132Indigotine (Indigo carmine)132Lauric arginate ethyl ester243Natamycin PHOSPHATES235Ponceau 4R124RIBOFLAVINSSODIUM ALUMINIUM PHOSPHATESSORBATES5	(2)Level (5)ammonia caramelmg/kgCaramel IV - sulfite ammonia caramel150dbeta-Carotenes, vegetable160a(ii)biacetyltartaric and fatty acid esters of glycerol472eGrape skin extract163(ii)Grape skin extract163(ii)IRON OXIDES50 mg/kgZOATES, PARA-300 mg/kgIndigotine (Indigo carmine)132Lauric arginate ethyl ester243Natamycin (Pimaricin)23540 mg/kgPOnceau 4R124100 mg/kgSODIUM ALUMINIUM PHOSPHATES1600 mg/kgSORBATES3,000 mg/kg

Table 1

		logues, excluding prod			1
Food	Food	Food Additive	INS	Recommen	Note
Categor	Category	(3)	No.	ded	(6)
y System	Name		(4)	Maximum	
(1)	(2)			Level	
				(5)	
		FCF			
1.6.5	Cheese	Acesulfame	950	350 mg/kg	188
	analogues	potassium			
		Allura red AC	129	100 mg/kg	3
		Aspartame	951	1,000 mg/kg	191
		Brilliant blue FCF	133	100 mg/kg	3
		CAROTENOID		200 mg/kg	
		S			
		CHLOROPHYL		50 mg/kg	
		LS AND			
		CHLOROPHYL			
		LIN, COPPER			
		COMPLEXES			
		Canthaxanthin	161g	15 mg/kg	
		Caramel III -	150c	50,000	
		ammonia caramel		mg/kg	
		Caramel IV -	150d	50,000	201
		sulfite ammonia		mg/kg	
		caramel			
		beta-Carotenes,	160a(ii)	1,000 mg/kg	3
		vegetable			
		Diacetyltartaric	472e	10,000	
		and fatty acid		mg/kg	
		esters of glycerol			
		Grape skin extract	163(ii)	1,000 mg/kg	
		HYDROXYBEN		500 mg/kg	27,
		ZOATES,			
		PARA-			
		Indigotine (Indigo	132	100 mg/kg	

Table 1

Dairy pro	ducts and analog	I able 1 gues, excluding pro	ducts of	category 2.0	
Food	Food	Food Additive	INS	Recommen	Note
Categor	Category	(3)	No.	ded	(6)
y System	Name		(4)	Maximum	
(1)	(2)			Level	
				(5)	
		carmine)			
		Lauric arginate	243	200 mg/kg	
		ethyl ester			
		Natamycin	235	40 mg/kg	3, 80
		(Pimaricin)			
		Neotame	961	33 mg/kg	
		Nisin	234	12 mg/kg	
		PHOSPHATES		9,000 mg/kg	<sup>82</sup> [33]
		Ponceau 4R	124	100 mg/kg	3
		RIBOFLAVINS		300 mg/kg	
		SACCHARINS		100 mg/kg	
		SORBATES		3,000 mg/kg	42
		Sucralose	955	500 mg/kg	
		(Trichlorogalactos			
		ucrose)			
		Sunset yellow FCF	110	100 mg/kg	3
1.6.6	Whey protein	Acetic acid,	260	GMP	
	cheese	glacial		_	
		Calcium	282	3,000 mg/kg	70
		propionate			
		Citric acid	330	GMP	
		Glucono delta-	575	GMP	
		lactone			
		Lactic acid, L-, D-	270	GMP	
		and DL-			
		Malic acid, DL-	296	GMP	
		Natamycin	235	40 mg/kg	80,3

Dairy pro	ducts and analog	gues, excluding pro	ducts of	category 2.0	
Food	Food	Food Additive	INS	Recommen	Note
Categor	Category	(3)	No.	ded	(6)
y System	Name		(4)	Maximum	
(1)	(2)			Level	
				(5)	
		(Pimaricin)			
		Nisin	234	12 mg/kg	
		Propionic acid	280	3,000 mg/kg	
		SORBATES		3,000 mg/kg	70, 42
		Sodium	281	3,000 mg/kg	70
		propionate			
1.7	Dairy based	ASCORBYL		500 mg/kg	10, 2
	desserts	ESTERS			
		Acesulfame	950	350 mg/kg	188
		potassium			
		<sup>75</sup> [Omitted]			
		Allura red AC	129	100 mg/kg	
		Ammonium salts	442	5,000 mg/kg	231
		of phosphatidic			
	-	acid			
	_	Aspartame	951	1,000 mg/kg	191
		Aspartame-	962	350 mg/kg	113
	_	acesulfame salt			
	_	BENZOATES		300 mg/kg	13
		Butylated	320	200 mg/kg	Only for
		hydroxyanisole			rasgulla
		(BHA)			dry
	-				mixes
	-	Brilliant blue FCF	133	100 mg/kg	
		CAROTENOID		100 mg/kg	
	-	S			
		CHLOROPHYL		500 mg/kg	
		LS AND			
		CHLOROPHYL			

Table 1

Dairy pro	ducts and ana	logues, excluding pro	ducts of c	ategory 2.0	
Food	Food	Food Additive	INS	Recommen	Note
Categor	Category	(3)	No.	ded	(6)
y System	Name		(4)	Maximum	
(1)	(2)			Level	
				(5)	
		LIN, COPPER			
		COMPLEXES			
		Caramel III -	150c	2,000 mg/kg	
		ammonia caramel			
		Caramel IV -	150d	3,000 mg/kg	
		sulfite ammonia			
		caramel			
		beta-Carotenes,	160a(ii)	1,000 mg/kg	
		vegetable			
		Diacetyltartaric	472e	10,000	
		and fatty acid		mg/kg	
		esters of glycerol			
		Fast green FCF	143	100 mg/kg	2
		Grape skin extract	163(ii)	200 mg/kg	181
		HYDROXYBEN		120 mg/kg	27
		ZOATES,			
		PARA-			
		IRON OXIDES		100 mg/kg	
		Indigotine (Indigo carmine)	132	100 mg/kg	
		Lauric arginate ethyl ester	243	200 mg/kg	170
		Neotame	961	100 mg/kg	
		PHOSPHATES	701	1,500 mg/kg	
		POLYSORBAT		3,000 mg/kg	
		ES		5,000 mg/kg	
		Ponceau 4R	124	100 mg/kg	
		Propyl gallate	310	90 mg/kg	15, 2

Table 1

• 1	1	logues, excluding pro			T
Food	Food	Food Additive	INS	Recommen	Note
Categor	Category	(3)	No.	ded	(6)
y System	Name		(4)	Maximum	
(1)	(2)			Level	
				(5)	
		Propylene glycol	477	5,000 mg/kg	
		esters of fatty			
		acids			
		RIBOFLAVINS		300 mg/kg	
		SACCHARINS		100 mg/kg	
		SORBATES		1,000 mg/kg	42
		Steviol glycosides	960	330 mg/kg	26
		Sucralose	955	400 mg/kg	
		(Trichlorogalactos			
		ucrose)			
		Sucroglycerides	474	5,000 mg/kg	
		Sunset yellow	110	100 mg/kg	
		FCF			
		Propylene glycol	405	GMP	
		alginate			
		Polyoxyethylene	436	GMP	
		sorbitan tristearate			
		Poly glycerol	475	GMP	
		esters of fatty acid			
		Polyoxyethylene	432	GMP	
		sorbyton mono			
		Laureate			
		Polyoxyethylene	435	GMP	
		sorbyton			
		monosterate			
		Distarch glycerol	1411	GMP	
		Distarch glycerol	1432	GMP	
		acetylated			
		Distarch glycerol	1443	GMP	

Table 1

Dairy pro	ducts and analog	gues, excluding pro	ducts of c	ategory 2.0	
Food	Food	Food Additive	INS	Recommen	Note
Categor	Category	(3)	No.	ded	(6)
y System	Name		(4)	Maximum	
(1)	(2)			Level	
				(5)	
		hydroxypropyl			
		Microcrystalline	460 (i)	10, 000	
		cellulose		mg/kg	
	-	TARTRATES		1,000 mg/kg	
	-	Curcumin	100	100 mg/kg	
		Annatto	160	100 mg/kg	
			b(i), (ii)		
		Carmoisine	122	100 mg/kg	
		Erythrosine	127	50 mg/kg	
		Tartrazine	102	100 mg/kg	
		<sup>73</sup> [TOCOPHERO		500 mg/kg	XS243]
		LS			
			1		
1.8	Whey and				
	whey				
	products				
	excluding				
1.0.1	whey cheeses	D 1 1	020	100 /1	74
1.8.1	Liquid whey	• 1	928	100 mg/kg	74
	and whey	PHOSPHATES		880 mg/kg	33, 228
	products				
	excluding				
1.8.2	whey cheeses <sup>52</sup> [Dried whey	Benzoyl peroxide	928	100 mg/kg	147
1.0.2	and whey	Calcium			14/
	products,	carbonate	170(i)	10,000 mg/kg	
	excluding	Calcium chloride	509	mg/kg GMP	
	whey cheeses]	Calcium	526	GMP	
		hydroxide	520		
	on 1 (01.09.				

Table 1

Dairy pro	ducts and ana	logues, excluding pro	1		1
Food	Food	<b>Food Additive</b>	INS	Recommen	Note
Categor	Category	(3)	No.	ded	(6)
y System	Name		(4)	Maximum	
(1)	(2)			Level	
				(5)	
		Calcium silicate	552	10,000	
				mg/kg	
		Hydroxypropyl	1442	10,000	
		distarch		mg/kg	
		phosphate			
		Magnesium	504(i)	10,000	
		carbonate		mg/kg	
		Magnesium oxide	530	10,000	
				mg/kg	
		Magnesium	553(i)	10,000	
		silicate, synthetic		mg/kg	
		Microcrystalline	460(i)	10,000	
		cellulose		mg/kg	
		(Cellulose gel)			
		PHOSPHATES		4,400 mg/kg	33
		Potassium	501(i)	GMP	
		carbonate			
		Potassium	508	GMP	
		chloride			
		Potassium	332(i)	GMP	
		dihydrogen citrate			
		Potassium	501(ii)	GMP	
		hydrogen			
		carbonate			
		Potassium	525	GMP	
		hydroxide			
		Powdered	460(ii)	10,000	
		cellulose		mg/kg	
		Silicon dioxide,	551	10,000	

Dairy pro	Dairy products and analogues, excluding products of category 2.0								
Food	Food	Food Additive	INS	Recommen	Note				
Categor	Category	(3)	No.	ded	(6)				
y System	Name		(4)	Maximum					
(1)	(2)			Level (5)					
		amorphous		mg/kg					
		Sodium	554	1,140 mg/kg	6				
		aluminosilicate							
		Sodium carbonate	500(i)	GMP					
		Sodium	331(i)	GMP					
		dihydrogen citrate							
		Sodium hydrogen carbonate	500(ii)	GMP					
		Sodium hydroxide	524	GMP					
		Sodium	500(iii)	GMP					
		sesquicarbonate							
		Talc	553(iii)	10,000					
				mg/kg					
		Tripotassium	332(ii)	GMP					
		citrate							
		Trisodium citrate	331(iii)	GMP					

Table 1

Fats and o	Fats and oils, and fat emulsions								
Food Category System	Food Category Name	Food Additive	INS No	Recommended Maximum Level	Note				
2.0	Fats and oils, and fat emulsions								

Table 2

Fats and o	oils, and fat emu	lsions			
Food Category System	Food Category Name	Food Additive	INS No	Recommended Maximum Level	Note
2.1	Fats and oils essentially free from water				
2.1.1	Butter oil, anhydrous	ASCORBYL ESTERS		500 mg/kg	10,171
	milk fat andghee(noadditivesincase of ghee)	Butylated hydroxyanisole (BHA)	320	175mg/kg	15, 171, 133
	cuse of grees	Butylated hydroxytoluene (BHT)	321	75mg/kg	15, 171, 133
		Propyl gallate	310	100 mg/kg	15, 133, 171
		Gallate(octyl/ ethyl/dodecyl)	311, 313, 312	100 mg/kg	
		Citric acid	330	GMP	171
2.1.2	<sup>69</sup> [Vegetable oils, fats and bakery	Lecithins	<sup>69</sup> [322 (i), 322 (ii)]	GMP	
	shortenings]	Ascorbic acid	300	GMP	
		Propyl gallate	310	200 mg/kg	15, 130
		<sup>52</sup> [TOCOPHE ROLS		GMP	
		ASCORBYL ESTERS		500mg/kg]	

Fats and o	oils, and fat em	ulsions			
Food Category System	Food Category Name	Food Additive	INS No	Recommended Maximum Level	Note
•		Butylated hydroxyanisole (BHA)	320	200mg/kg	130, 15
		Butylated hydroxytoluene (BHT)	321	200mg/kg	130, 15
		Citric acid	330,	GMP	15, 277
		Tartric acid	334	GMP	15, 277
		Guaiac resin	314	1,000 mg/kg	
		ТВНQ	319	200 mg/kg	15 ,130
		Sodium citrate	<sup>69</sup> [331(i )]	GMP	
		Isopropyl citrate mixture	384	200 mg/kg	
		<sup>69</sup> [Citric and fatty acid esters of glycerol]	472c	100 mg/kg	Singl y or in combi nation
		Phosphoric acid	338	100 mg/kg	Singl y or in combi nation
		Polydimethylsi loxane	900a	10 mg/kg	
		beta-Carotenes, vegetable	160a(ii)	1,000 mg/kg	
		CAROTENOI		25 mg/kg	232

Fats and o	oils, and fat emu	lsions			
Food Category System	Food Category Name	Food Additive	INS No	Recommended Maximum Level	Note
v		DS			
		Diacetyltartaric acid and fatty acid esters of glycerol	472e	10,000 mg/kg	
		POLYSORBA TES		5,000 mg/kg	102
		Propylene glycol esters of fatty acids	477	10,000 mg/kg	
		Stearyl citrate	484	GMP	
		THIODIPRO PIONATES		200 mg/kg	46
		<sup>69</sup> [Lactic and fatty acid esters of glycerol	472b	10,000 mg/kg	408
		Mono and diglycerides of fatty acids	471	GMP	408
		Polyglycerol esters of fatty acid	475	5,000 mg/kg	408]
2.1.3	Lard, tallow, fish oil, and	Lecithins	322(i), (ii)	GMP	
	other animal	Ascorbic acid	300	GMP	
	fats (edible fats)	Propyl gallate	310	200 mg/kg	15, 130
		TOCOPHER OLS		<sup>81</sup> [300 mg/kg	358]
		ASCORBYL		500 mg/kg	10

Fats and o	oils, and fat em	ulsions			
Food Category	Food Category	Food Additive	INS No	Recommended	Note
System	Name			Maximum Level	
~ ,		ESTERS			
		Butylated hydroxyanisole (BHA)	320	200 mg/kg	130, 15
		Butylated hydroxytoluene (BHT)	321	200 mg/kg	130, 15
		Citric acid	330	GMP	
		Tartric acid	334	GMP	
		Guaiac resin	314	1,000 mg/kg	
		ТВНQ	319	200 mg/kg	15,130
		Sodium citrate	331(iii)	GMP	
		Phosphoric acid	338	100 mg/kg	
		Dimethyl polysiloxane	900a		Singly or in combi
		Silicon dioxide	551	10 mg/kg	nation with silicon dioxid e
		beta-Carotenes, vegetable	161a(ii)	1,000 mg/kg	
		CAROTENOI DS		25 mg/kg	
		Diacetyl tartaric acid and fatty acid	472e	10,000 mg/kg	

Fats and o	oils, and fat emu	lsions			
Food	Food			D	
Category	Category	Food Additive	INS No	Recommended	Note
System	Name			Maximum Level	
		esters of			
		glycerol			
		Fast green FCF	143	100 mg/kg	
		Indigotine	132	100 mg/kg	
		Isopropyl	201	200 m a /lt a	
		citrate mixture	384	200 mg/kg	
		POLYSORBA TES		5,000 mg/kg	102
		Propylene glycol esters of fatty acids	477	10,000 mg/kg	
		Stearyl citrate	484	GMP	
		Sunset yellow FCF	110	100 mg/kg	
		THIODIPRO PIONATES		200 mg/kg	46
2.2	Fat emulsions				
	mainly of				
	type water- in-oil				
2.2.1	Butter	Curcumin	100	100 mg/kg	
	(Butter and Milk Fat)	beta-Carotenes, vegetable	160a(ii)	600 mg/kg	
		Annatto	160b(i), (ii)	20 mg/kg	8
		CAROTENOI DS		35 mg/kg	146, 291
		Sodium hydroxide	524	GMP	
		Calcium	526	]	

Table 2

Fats and o	Fats and oils, and fat emulsions								
Food Category System	Food Category Name	Food Additive	INS No	Recommended Maximum Level	Note				
		hydroxide PHOPHATES		880 mg/kg	33, 34				
		Sodium carbonate	500(i)	GMP	55, 54				
		Sodium hydrogen carbonate	500(ii)	GMP					
2.2.2	<sup>69</sup> [Fat spreads,	Lecithins	322(i), (ii)	GMP					
	dairy fat spreads and	Propyl gallate	310	200 mg/kg	15, 130				
	blended spreads	Tocopherols	307a,b,c	GMP					
	(margarine	ASCORBYL ESTERS		500 mg/kg	10				
	and fat spreads)]	Butylated hydroxyanisole (BHA)	320	200mg/kg	130, 15				
		Butylated hydroxytoluene (BHT)	321	200mg/kg	130, 15				
		Tartric acid	334	GMP					
		Guaiac resin	314	1,000 mg/kg					
		TBHQ	319	200 mg/kg	15, 130				
		Isopropyl citrate mixture	384	100 mg/kg					

Fats and o	oils, and fat en	nulsions			
Food Category System	Food Category Name	Food Additive	INS No	Recommended Maximum Level	Note
•		Diacetyltartaric and fatty acid esters of glycerol	472e	10 g/kg	
		1,2 -propylene glycol esters of fatty acids	477	20g/kg	
		<sup>52</sup> [SORBITAN ESTERS OF FATTY ACIDS		10,000 mg/kg	359]
		Sucroglyceride s	474	10,000mg/kg	102
		SORBATES		<sup>69</sup> [1,000 mg/kg]	42
		beta-Carotenes, vegetable	160a(ii)	1,000mg/kg	
		Annatto	160b	20 mg/kg	
		Curcumin	100	5 mg/kg	
		CAROTENOI DS		35 mg/kg	
		ETHYLENE DIAMINE TETRA ACETATES (EDTA)		<sup>69</sup> [50 mg/kg]	21
		BENZOATES		1,000mg/kg	13
		Canthaxanthin	161g	15 mg/kg	214, 215
		Caramel III - Ammonia	150c	500 mg/kg	

Fats and o	oils, and fat em	ulsions			
Food Category System	Food Category Name	Food Additive	INS No	Recommended Maximum Level	Note
•		caramel			
		Caramel IV- Sulfite ammonia caramel	150d	500 mg/kg	214
		HYDROXY BENZOATES , PARA		300 mg/kg	27
		Lauric alginate ethyl ester	243	200 mg/kg	214, 215
		PHOSPHATE S		2,200 mg/kg	33
		Polydimethylsi loxane	900a	10 mg/kg	152
		POLYSORBA TES		5,000 mg/kg	102
		RIBOFLAVI NS		300 mg/kg	
		Stearyl citrate	484	100 mg/kg	15
		STEAROYL LACTYLATE S	481(i), 482(i)	10,000 mg/kg	
		Thermally oxidized soya bean oil interacted with mono- and diglycerides of fatty acids	479	5,000 mg/kg	
		THIODIPRO PIONATES		200 mg/kg	46

Fats and o	oils, and fat emu	lsions			
Food Category System	Food Category Name	Food Additive	INS No	Recommended Maximum Level	Note
<u>System</u>		<sup>52</sup> [Sucrose oligoesters, Type I and Type II	473a	10,000 mg/kg	348, 360
		Sucrose esters of fatty acids	473	10,000 mg/kg	348, 360
		Poly glycerol esters of fatty acid	475	5,000 mg/kg	359]
2.3	Fat emulsions mainly of	Acesulfame potassium	950	1,000 mg/kg	188
	type oil-in- water,	ASCORBYL ESTERS		500 mg/kg	10
	including	Aspartame	951	1,000 mg/kg	191
	mixed and/or	BENZOATES		1,000 mg/kg	13
	flavoured products	Brilliant blue FCF	133	100 mg/kg	
	based on fat emulsions	Butylated hydroxyanisole (BHA)	320	200mg/kg	130, 15
		Butylated hydroxytoluene (BHT)	321	200mg/kg	130, 15
		Canthaxanthhi n	161g	15 mg/kg	
		Caramel III - ammonia caramel	150c	20,000 mg/kg	
		beta-Carotenes, vegetable	160a(ii)	1,000 mg/kg	

Fats and o	oils, and fat emu	llsions			
Food	Food			Decommonded	
Category	Category	Food Additive	INS No	Recommended Maximum Level	Note
System	Name			Maximum Lever	
		CAROTENOI DS		200 mg/kg	
		Diacetyltartaric and fatty acid esters of glycerol	472e	10,000 mg/kg	
		HYDROXYB			
		ENZOATES, PARA -		300 mg/kg	27
		Indigotine (indigo caramine)	132	100 mg/kg	
		Neotame	961	10 mg/kg	
		PHOSPHATE S		2,200 mg/kg	33
		POLYSORBA TES		5,000 mg/kg	102
		Propyl gallate	310	200 mg/kg	15, 130
		Propylene glycol esters of fatty acids	477	30,000 mg/kg	
		RIBOFLAVI NS		300 mg/kg	
		SORBATES		1,000 mg/kg	42
		<sup>52</sup> [Poly	475	20,000 mg/kg	363
		glycerol esters of fatty acid			
		Propylene glycol alginate	405	3,000 mg/kg	
		STEAROYL		3,000 mg/kg	

Table 2

Fats and o	ils, and fat emu	lsions			
Food	Food			Recommended	
Category	Category	Food Additive	INS No	Maximum Level	Note
System	Name				
		LACTYLATE			
		S			
		SORBITAN		5,000 mg/kg	363
		ESTERS OF			
		FATTY			
		ACIDS			
		Sucrose esters	473	5,000 mg/kg	363,
		of fatty acids			102]
		Sucroglyceride	474	10,000 mg/kg	102
		S		10,000 mg/kg	102
		Tertiary			15,
		butylhydroquin	319	200 mg/kg	13,
		one			150
2.4	Fat-based	Propylene	405	10 g/kg	
	desserts	glycol alginate			
	excluding	Polyglycerol		10 g/kg	
	dairy-based	esters of fatty	475		
	dessert	acids			
	products of	Polyoxethylene			
	food category	sorbitian	432	10 g/kg	
	1.7 (frozen	monolaureate			
	desserts/froze	Polyoxethylene			
	n confections)	sorbitian	436	10 g/kg	
		tristearate			
		Polyoxethylene			
		sorbitian	435	10 g/kg	
		monolstearate			
		Aspartame	951	1,000 mg/kg	191
		Sucralose	955	400 mg/kg	
		Curcumin	100	100 mg/kg	

Food	Food				
Category System		Food Additive	INS No	Recommended Maximum Level	Note
-		beta-Carotenes, vegetable	160a(ii)	1,000 mg/kg	
		RIBOFLAVI NS		300 mg/kg	
		Annatto	160b	100 mg/kg	
		Beta apo -8- carotenal	160e		
		Methyl ester of beta apo- 8- carotenal	160f	100 mg/kg	
		Caramel color - ammonium sulphite process	150d	3 g/kg	
		TARTRATES		1 g/kg	
		Acesulfame potassium	950	350 mg/kg	188
		Allura red AC	129	100 mg/kg	
		ASCORBYL ESTERS	304, 305	80 mg/kg	10
		Aspartame- acesulfame salt	962	350 mg/kg	113
		BENZOATES		1,000 mg/kg	13
		Brilliant blue FCF	133	100 mg/kg	
		Butylated hydroxyanisole (BHA)	320	200 mg/kg	130, 15

Fats and o	oils, and fat em	ulsions			
Food Category System	Food Category Name	Food Additive	INS No	Recommended Maximum Level	Note
		Butylated hydroxytoluene (BHT)	321	200 mg/kg	130, 15
		Canthaxanthin	161g	100 mg/kg	
		Caramel III - ammonia caramel	150c	20,000 mg/kg	
		CAROTENOI DS		150 mg/kg	
		CHLOROPH YLLS AND CHLOROPH YLLINS, COPPER COMPLEX		500 mg/kg	
		Diacetyltartaric and fatty acid esters of glycerol	472e	5,000 mg/kg	
		Fast green FCF	143	100 mg/kg	
		Grape skin estract	163(ii)	200 mg/kg	181
		Indigotine (indigo caramine)	132	100 mg/kg	
		IRON OXIDES		350 mg/kg	
		Neotame	961	100 mg/kg	
		PHOSPHATE S		1,500 mg/kg	33
		POLYSORBA		3,000 mg/kg	102

Table 2

Fats and o	oils, and fat emu	lsions			
Food Category System	Food Category Name	Food Additive	INS No	Recommended Maximum Level	Note
v		TES			
		Ponceau 4R	124	50 mg/kg	
		Propyl gallate	310	200 mg/kg	15, 130
		Propylene glycol esters of fatty acids	477	40,000 mg/kg	
		SACCHARIN S		100 mg/kg	
		SORBATES		1,000 mg/kg	42
		Sucroglyceride s	474	5,000 mg/kg	
		Sunset yellow FCF	110	50 mg/kg	
		Tertiary butylhydroquin one	319	200 mg/kg	15, 130
2.4.1	Cocoa based spreads	Acesulfame potassium	950	1,000 mg/kg	188
	including	<sup>75</sup> [Omitted]			
	fillings	Aspartame	951	3,000 mg/kg	191
	-	BENZOATES		1,500 mg/kg	13
	-	Propyl gallate	310	200 mg/kg	15, 130
	-	ACSCORBYL ESTERS		500 mg/kg	10, 15,114
	-	Mineral oil, high viscosity	905d	2,000 mg/kg	3
	-	Mineral oil, medium and	905e	2,000 mg/kg	3

Table 2

Fats and o	oils, and fat en	nulsions			
Food Category System	Food Category Name	Food Additive	INS No	Recommended Maximum Level	Note
		low viscosity, class I			
		ETHYLENE DIAMINE TETRA ACETATES		50 mg/kg	21
		HYDROXYB ENZOATES, PARA-		300 mg/kg	27
		Lauric arginate ethyl ester	243	200 mg/kg	
		PHOSPHATE S		880 mg/kg	33
		POLYSORBA TES		1,000 mg/kg	
		SACCHARIN S		200 mg/kg	
		Sucralose (Trichlorogalac to sucrose)	955	400 mg/kg	169

Edible ice	Edible ice, including sorbet							
Food Categor y System	Food Category Name	Food Additive	INS No	Recommended Maximum level	Notes			
3.0	Edible ices, including	ASCORBYL ESTERS		200 mg/kg	10,15			
	sorbet (ice	Acesulfame	950	800 mg/kg	188			

Edible ice	e, including sor	bet			
Food Categor y System	Food Category Name	Food Additive	INS No	Recommended Maximum level	Notes
	candy)	potassium			
		<sup>75</sup> [Omitted]			
		Allura red AC	129	100 mg/kg	
		Aspartame	951	1,000 mg/kg	191
		Brilliant blue FCF	133	100 mg/kg	
		Butylated hydroxyanisole (BHA)	320	200mg/kg	195, 15
		Butylated hydroxytoluene (BHT)	321	100mg/kg	195, 15
		CAROTENOI DS		200mg/kg	
		CHLOROPH YLLS AND CHLOROPH YLLINS, COPPER COMPLEXE S		500 mg/kg	
		Caramel III - ammonia caramel	150c	GMP	
		Caramel IV - sulfite ammonia caramel	150d	3,000 mg/kg	
		beta-Carotenes,	160a(ii)	1,000 mg/kg	

Edible ice	e, including sor	bet			
Food Categor y System	Food Category Name	Food Additive	INS No	Recommended Maximum level	Notes
-		vegetable			
		Diacetyltartaric and fatty acid esters of glycerol	472e	1,000 mg/kg	
		Fast green FCF	143	100 mg/kg	
		Grape skin extract	163(ii)	100 mg/kg	181
		IRON OXIDES		300 mg/kg	
		Indigotine (Indigo carmine)	132	100 mg/kg	
		Neotame	961	100 mg/kg	
		PHOSPHATE S		7,500 mg/kg	33
		POLYSORBA TES		1,000 mg/kg	
		Ponceau 4R	124	100mg/kg	
		Propylene glycol esters of fatty acids	477	<sup>52</sup> [5,000 mg/Kg]	
		RIBOFLAVI NS		500 mg/kg	
		SACCHARIN S		100 mg/kg	
		Sucralose (Trichlorogalac tosucrose)	955	320 mg/kg	
		Sucroglyceride	474	5,000 mg/kg	15,19

Edible ice, including sorbet								
Food Categor y System	Food Category Name	Food Additive	INS No	Recommended Maximum level	Notes			
		S						
		Sunset yellow FCF	110	100 mg/kg				
		Tertiary butylhydroquin one (TBHQ)	319	200 mg/kg				
		Propylene glycol alginate	405	10,000 mg/kg				
		Polyglycerol esters of fattty acids	475	10,000 mg/kg				
		Polyoxyethylen e sorbitan monolaureate	432	10,000 mg/kg				
		Polyoxyethylen e sorbitan tristearate	436	10,000 mg/kg				
		Polyoxyethylen e sorbitan monostearate	435	10,000 mg/kg				
		Curcumin	100	100 mg/kg				
		Annatto	160b	100 mg/kg				
		Canthaxanthin	161g	100mg/kg				
		Carmoisine	122	100mg/kg				
		Erythrosine	127	50mg/kg				
		Tartrazine	102	100mg/kg				
		Indigotine (Indigo carmine)	132	100mg/kg				

Edible ice	e, including sorb	et			
Food Categor y System	Food Category Name	Food Additive	INS No Recommended Maximum level	Notes	
		TARTRATES		1 g/kg	
		Steviol glycosides	960	170 mg/kg	26

Table 4

Fruits and	d vegetables						
Food category System	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note		
4.0	Fruits and vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes and aloe vera), sea weeds, nuts and seeds						
4.1	Fruits						
4.1.1	Fresh fruits	No additives per	No additives permitted				
4.1.1.1	Untreated fresh fruits	No additives per	mitted				
4.1.1.2	Surface-	Beeswax	901	GMP			
	treated fresh	Candelilla wax	902	GMP			
	fruits	Carnauba wax	903	GMP			
		Glycerol ester of wood rosin	445(iii)	110 mg/kg			
		IRON OXIDE		1,000 mg/kg	4		
		Microcrystallin e wax	905c(i)	50 mg/kg			
		ortho- Phenylphenol	231	12 mg/kg	49		
		Sodium ortho- phenylphenol	232	12 mg/ Ng			
		Polyethylene glycol	1521	GMP			

Table 4

Fruits an	d vegetables				
Food category System	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note
		Polyvinylpyrro lidone	1201	GMP	
		SULFITES		30 mg/kg	
		Shellac, bleached	904	GMP	
		Sucroglyceride s	474	GMP	
4.1.1.3	<sup>52</sup> [Peeled or cut minimally	Calcium ascorbate	302	GMP	
	processed	Carbon dioxide	290	GMP	59
	fruits]	Nitrogen	941	GMP	59
		Nitrous oxide	942	GMP	
		Potassium ascorbate	303	GMP	
		Sodium ascorbate	301	GMP	
		Calcium chloride,	509		
		Calcium lactate	327	-	
		Calcium gluconate	578	350 mg/kg	
		Calcium carbonate	170(i)		
		<sup>52</sup> [Citric acid	330	GMP	
		Ascorbic acid	300	GMP	
		Potassium carbonate	501	GMP]	
4.1.2	Processed	Carnauba wax	903	GMP	
	fruits	SULFITES		500 mg/kg	
4.1.2.1	Frozen fruits	SULFITES		500 mg/kg	44, 155

Table 4

	d vegetables	1	[	1	
Food category System	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note
4.1.2.2	Dried fruits,	ASCORBYL		80 mg/kg	10
	nuts and seeds	ESTERS			
		BENZOATES		800 mg/kg	13
		ETHYLENE			
		DIAMINE			
		TETRA		265 mg/kg	21
		ACETATES			21
		(EDTA)			
		Diacetyltartaric			
		and fatty acid	472e	10,000 mg/kg	
		esters of	472e		
		glycerol			
		HYDROXYB		800 mg/kg	27
		ENZOATES,			
		PARA			
		Lauric arginate	243	200 mg/kg	
		ethyl ester	243	200 mg/ kg	
		Mineral oil, high viscosity	905d	5,000 mg/kg	
		Mineral oil, medium viscosity, class I	905e	5,000 mg/kg	
		Calcium phosphate	341(i)	20,000 mg/kg	
		Magnesium phosphate	343(ii)	20,000 mg/kg	
		SORBATES		500 mg/kg	42
		SULFITES		1,000 mg/kg	44, 135 218
		Tartaric acid, L	334	GMP	

Table 4

Fruits and	d vegetables				
Food category System	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note
		(+)			
4.1.2.3	Fruit in vinegar, oil, or	Acesulfame potassium	950	200 mg/kg	188
	brine	Aspartame	951	300 mg/kg	144, 191
		BENZOATES		250 mg/kg	13
		CAROTENOI DS		1,000 mg/kg	
		CHLOROPH YLLS and CHLOROPH YLLINS, COPPER COMPLEXE S		100 mg/kg	
		Caramel III - ammonia caramel	150c	200 mg/kg	
		Caramel IV - sulfite ammonia caramel	150d	7,500 mg/kg	
		beta-Carotenes, vegetable	160a(ii)	1,000 mg/kg	
		Diacetyltartaric and fatty acid esters of	472e	1,000 mg/kg	
		glycerol ETHYLENE DIAMINE TETRA ACETATES		250 mg/kg	21

Table 4

Fruits and	d vegetables				
Food category System	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note
		(EDTA)			
		Grape skin extract	163(ii)	1,500 mg/kg	
		HYDROXYB ENZOATES, PARA		250 mg/kg	27
		Neotame	961	100 mg/kg	
		PHOSPHATE S		2,200 mg/kg	
		Polydimethylsi loxane	900a	10 mg/kg	
		SACCHARIN S		160 mg/kg	144
		SORBATES		1,000 mg/kg	42
		SULFITES		100 mg/kg	44
		Sucralose (Trichlorogalac tosucrose)	955	180 mg/kg	144
4.1.2.4	Canned or bottled	Acesulfame potassium	950	350 mg/kg	188
	(pasteurized)	Annatto	160b	200 mg/kg	
	fruit	Aspartame	951	1,000 mg/kg	191
		Aspartame- acesulfame salt	962	350 mg/kg	113
		Canthaxanthin	161g	200 mg/kg	
		Brilliant blue FCF	133	200 mg/kg	
		Carmoisine	122	200 mg/kg	
		CAROTENOI DS		200 mg/kg	

Table 4

Fruits and	d vegetables				
Food category System	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note
		CHLOROPH YLLS AND CHLOROPH YLLINS, COPPER COMPLEXE		100 mg/kg	
		S Caramel III - ammonia caramel	150c	200 mg/kg	
		Caramel IV - sulfite ammonia caramel	150d	7,500 mg/kg	
		Curcumin	100	200 mg/kg	
		beta-Carotenes, vegetable	160a(ii)	1,000 mg/kg	
		Dimethyl polysiloxane	900a	10 mg/kg	
		Erythrosine	127	100 mg/kg	
		Fast green FCF	143	200 mg/kg	
		Grape skin extract	163(ii)	1,500 mg/kg	
		IRON OXIDES		300 mg/kg	
		Indigotine (Indigo carmine)	132	200 mg/kg	
		Neotame	961	33 mg/kg	
		Ponceau 4R	124	200 mg/kg	
		RIBOFLAVI		300 mg/kg	

Table 4

Fruits and	d vegetables				
Food category System	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note
		NS			
		SACCHARIN S		200 mg/kg	
		Stannous chloride	512	20 mg/kg	43
		Tartrazine	102	200 mg/kg	
		Sunset yellow FCF	110	200 mg/kg	
		Sucralose (Trichlorogalac tosucrose)	955	400 mg/kg	
		Steviol glycosides	960	100 mg/kg	26
		Saffron		GMP	
4.1.2.5	Jams, jellies, marmalades	Acesulfame potassium	950	1,000 mg/kg	188
		<sup>75</sup> [Omitted]			
		Allura red AC	129	100 mg/kg	
	-	Annatto	160b	GMP	
	-	Aspartame	951	1,000 mg/kg	191
	-	Aspartame- acesulfame salt	962	1,000 mg/kg	113
	-	Brilliant blue FCF	133	200 mg/kg	
		BENZOATES		1,000 mg/kg	13
		CAROTENOI DS		200 mg/kg	
		CHLOROPH YLLS AND CHLOROPH		200 mg/kg	

Table 4

Fruits and	d vegetables				
Food category System	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note
		YLLINS, COPPER COMPLEXE			
		S Canthaxanthin	161g	200 mg/kg	
		Caramel III -	101g	200 mg/kg	
		ammonia caramel	150c	200 mg/kg	
		Caramel IV - sulfite ammonia caramel	150d	1,500 mg/kg	
		Carmoisine	122	200 mg/kg	
		Carnauba wax	903	400 mg/kg	
		beta-Carotenes, vegetable	160a(ii)	1,000 mg/kg	
		Curcumin	100	GMP	
		Dimethylpolysi loxane	900a	10 mg/kg.	
		ETHYLENE DIAMINE TETRA ACETATES (EDTA)		130 mg/kg	21
		Erythrosine	127	100 mg/kg	
		Fast green FCF	143	200 mg/kg	
		Grape skin extract	163(ii)	500 mg/kg	
		HYDROXYB ENZOATES PARA-		250 mg/kg	27

Table 4

Fruits and	d vegetables				
Food category System	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note
		IRON OXIDES		200 mg/kg	
	-	Indigotine (Indigo carmine)	132	200 mg/kg	
	-	Neotame	961	70 mg/kg	
		Polydimethylsi loxane	900a	30 mg/kg	
		Ponceau 4R	124	200 mg/kg	
		RIBOFLAVI NS		200 mg/kg	
		SACCHARIN S		200 mg/kg	
		SORBATES		1,000 mg/kg	42
		SULFITES		100 mg/kg	44
		Steviol glycosides	960	360 mg/kg	26
		Sucralose (Trichlorogalac tosucrose)	955	400 mg/kg	
		Tartaric acid, L (+)	334	GMP	
		Tartrazine	102		
		Sunset yellow FCF	110	200 mg/kg	
4.1.2.6	Fruit-based	Annatto	160b	GMP	
	spreads (e.g.	Aspartame	951	1,000 mg/kg	191
	chutney)	BENZOATES		250 mg/kg	13
	excluding products of	Brilliant blue FCF	133	100 mg/kg	

Table 4

Fruits and	d vegetables	r			
Food category System	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note
	food category 4.1.2.5	CAROTENOI DS		500 mg/kg	
		CHLOROPH			
		YLLS AND			
		CHLOROPH			
		YLLIN,COPP		150 mg/kg	
		ER			
		COMPLEXE			
		S			
		Canthaxanthin	161g	15 mg/kg	
		Caramel III -			
		ammonia	150c	500 mg/kg	
		caramel			
		Caramel IV -			
		sulfite	150d	500 mg/kg	
		ammonia	1500	500 mg/ kg	
		caramel			
		beta-Carotenes,	160a(ii)	500 mg/kg	
		vegetable	1000(11)	500 mg/ kg	
		Curcumin	100	GMP	
		Diacetyltartaric			
		and fatty acid	472e	5,000 mg/kg	
		esters of	F720	5,000 mg/ Kg	
		glycerol			
		ETHYLENE			
		DIAMINE			
		TETRA		100 mg/kg	21
		ACETATES			
		(EDTA)			
		Fast green FCF	143	100 mg/kg	
		Grape skin	163(ii)	500 mg/kg	

Table 4

Fruits and	d vegetables				
Food category System	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note
		extract			
		HYDROXYB ENZOATE PARA-		1,000 mg/kg	27
		I ARA- IRON			
		OXIDES		500 mg/kg	
		Indigotine (Indigo carmine)	132	100 mg/kg	
		Neotame	961	70 mg/kg	
		PHOSPHATE S		1,100 mg/kg	33
		Polydimethylsi loxane	900a	10 mg/kg	
		Ponceau 4R	124	100 mg/kg	
		Propylene glycol alginate	405	GMP	
		RIBOFLAVI NS		500 mg/kg	
		SACCHARIN S		200 mg/kg	
		SORBATES		1,000 mg/kg	42
		Sucralose (Trichlorogalac tosucrose)	955	400 mg/kg	
		Tartaric acid, L (+)	334	GMP	
		Ascorbyl Palmitate	304	200 mg/kg	
		Sunset yellow FCF	110	100 mg/kg	

Table 4

Fruits and	d vegetables				
Food category System	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note
		TBHQ	319	200 mg/kg	
		TOCOPHER OLS		GMP	
		Steviol glycosides	960	330 mg/kg	26
		Acesulfame potassium	950	500 mg/kg	188
4.1.2.7	Candied /	Allura red AC	129	100 mg/kg	
	glazed /	Annatto	160b	200 mg/kg	
	crystallised	Aspartame	951	2,000 mg/kg	191
	fruit including	BENZOATES		1,000 mg/kg	13
	murrabba*	Brilliant blue FCF	133	200 mg/kg	
		Canthaxanthin	161g	200 mg/kg	
		CAROTENOI DS		200 mg/kg	
		CHLOROPH YLLS AND CHLOROPH YLLINS, COPPER COMPLEXE S		250 mg/kg	
		Caramel III - ammonia caramel	150c	200 mg/kg	
		Caramel IV - sulfite ammonia caramel	150d	7,500 mg/kg	

Table 4

Fruits and	d vegetables				
Food category System	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note
		beta-Carotenes, vegetable	160a(ii)	1,000 mg/kg	
		Curcumin	100	200 mg/kg	
		Diacetyltartaric and fatty acid esters of glycerol	472e	1,000 mg/kg	
		Erythrosine	127	100 mg/kg	
		Fast green FCF	143	200 mg/kg	
		Grape skin extract	163(ii)	1,000 mg/kg	
		HYDROXYB ENZOATES PARA		1,000 mg/kg	27
		IRON OXIDES		250 mg/kg	
		Indigotine (Indigo carmine)	132	200 mg/kg	
		Neotame	961	65 mg/kg	
		PHOSPHATE S		10 mg/kg	33
		Ponceau 4R	124	200 mg/kg	
		RIBOFLAVI NS		300 mg/kg	
		SORBATES		500 mg/kg	42
		SULFITES		100 mg/kg and 40 mg/kg (for murabba)	44

Table 4

Fruits and	d vegetables				
Food category System	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note
		Sucralose (Trichlorogalac tosucrose)	955	800 mg/kg	
		Sunset yellow FCF	110	200 mg/kg	
		Tartrazine	102	200 mg/kg	
		Acesulfame potassium	950	500 mg/kg	188
		Tartaric acid	334	GMP	
		*No sweeteners	and colour	rs permitted in mu	rrabba
4.1.2.8	Fruit preparations, including fruit	Acesulfame potassium	950	350 mg/kg	188
		Allura red AC	129	100 mg/kg	
	pulp, purees, fruit toppings	Aspartame- acesulfame salt	962	350 mg/kg	113
	and coconut milk	Aspartame	951	1,000 mg/kg	191
		Annatto	160b(i), (ii)	GMP	
		BENZOATES		1,000 mg/kg	13
		Brilliant blue FCF	133	100 mg/kg	
		CAROTENOI DS		100 mg/kg	
		CHLOROPH YLLS AND CHLOROPH YLLINS, COPPER COMPLEXE		100 mg/kg	

Table 4

Fruits and vegetables								
Food category System	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note			
		S						
		beta-Carotenes, vegetable	160a(ii)	100 mg/kg	182			
		Caramel III - ammonia caramel	150c	7,500 mg/kg				
		Caramel IV - sulfite ammonia caramel	150d	7,500 mg/kg				
		Curcumin	100	GMP				
		Diacetyltartaric and fatty acid esters of glycerol	472e	2,500 mg/kg				
		Fast green FCF	143	100 mg/kg				
		Grape skin extract	163(ii)	500 mg/kg				
		HYDROXYB ENZOATES PARA-		800 mg/kg	27			
		Indigotine (Indigo carmine)	132	100 mg/kg				
		Neotame	961	100 mg/kg				
		PHOSPHATE S		350 mg/kg	33			
		Paprika oleoresin	160c(i)	GMP				
		SORBATES		1,000 mg/kg	42			

Table 4

Fruits and	d vegetables				
Food category System	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note
		Ponceau 4R	124	50 mg/kg	
		Propylene glycol esters of fatty acids	477	40,000 mg/kg	
		RIBOFLAVI NS		300 mg/kg	
		SACCHARIN S		200 mg/kg	
		SORBATES		1,000 mg/kg	42
		POLYSORBA TES		1,000 mg/kg	154
		SULFITES		100 mg/kg	206, 44
		Steviol glycosides	960	330 mg/kg	26
		Sucralose (Trichlorogalac tosucrose)	955	400 mg/kg	
		Sunset yellow FCF	110	100 mg/kg	
		52[SORBITA N ESTERS OF FATTY ACIDS		5,000 mg/kg	XS314R, XS240
		Sucrose esters of fatty acids	473	1,500 mg/kg	348, XS314R]
4.1.2.9	Fruit-based desserts	Tartaric acid, L (+)	334	GMP	
	including fruit-	ASCORBYL ESTERS		500 mg/kg	2, 10
	flavoured	Acesulfame	950	350 mg/kg	188

Table 4

	d vegetables				
Food category System	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note
	water-based	potassium			
	desserts	Allura red AC	129	100 mg/kg	
		Aspartame	951	1,000 mg/kg	191
		Aspartame- acesulfame salt	962	350 mg/kg	113
		Brilliant blue FCF	133	100 mg/kg	
		CAROTENOI DS		150 mg/kg	
		CHLOROPH YLLS AND CHLOROPH			
		YLLINS, COPPER		150 mg/kg	
		COMPLEXE S			
		Canthaxanthin	161g	15 mg/kg	
		Caramel III - ammonia caramel	150c	200 mg/kg	
		Caramel IV - sulfite ammonia caramel	150d	7,500 mg/kg	
		beta-Carotenes, vegetable	160a(ii)	1,000 mg/kg	
		Diacetyltartaric and fatty acid esters of glycerol	472e	2,500 mg/kg	
		Fast green FCF	143	100 mg/kg	

Table 4

Fruits and	d vegetables				
Food category System	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note
		Grape skin extract	163(ii)	500 mg/kg	
		HYDROXYB ENZOATES PARA-		800 mg/kg	27
		IRON OXIDES		200 mg/kg	
		Indigotine (Indigo carmine)	132	100 mg/kg	
		Neotame	961	100 mg/kg	
		PHOSPAHTE S		1,500 mg/kg	33
		SORBATES		3,000 mg/kg	
		Polydimethylsi loxane	900a	110 mg/kg	
		Ponceau 4R	124	50 mg/kg	
		Propyl gallate	310	90 mg/kg	2, 15
		Propylene glycol esters of fatty acids	477	40,000 mg/kg	
		RIBOFLAVI NS		300 mg/kg	
		SACCHARIN S		100 mg/kg	
		SORBATES		1,000 mg/kg	42
		SULFITES		100 mg/kg	44
		Sucralose (Trichlorogalac tosucrose)	955	400 mg/kg	

Table 4

Fruits and	d vegetables				
Food category System	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note
<u>bystem</u>		Sucroglyceride s	474	5,000 mg/kg	
		Sunset yellow FCF	110	50 mg/kg	
		Steviol glycoside	960	350 mg/kg	26
4.1.2.10	Fermented fruit products	Acesulfame potassium	950	350 mg/kg	188
		Aspartame	951	1,000 mg/kg	191
		BENZOATES		1,000 mg/kg	13
		CAROTENOI DS		500 mg/kg	
		CHLOROPH YLLS AND CHLOROPH YLLINSCOP PER COMPLEXE S		100 mg/kg	
		beta-Carotenes, vegetable	160a(ii)	200 mg/kg	
		Diacetyltartaric and fatty acid esters of glycerol	472e	2,500 mg/kg	
		ETHYLENE DIAMINE			
		TETRA ACETATES (EDTA)		250 mg/kg	21
		Grape skin	163(ii)	500 mg/kg	

Table 4

Fruits and	d vegetables				
Food category System	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note
		extract			
		HYDROXYB			
		ENZOATES, PARA-		800 mg/kg	27
		Neotame	961	65 mg/kg	
		PHOSPHATE S		2,200 mg/kg	33
		RIBOFLAVI NS		500 mg/kg	
		Polydimethysil oxane	900a	10 mg/kg	
		SACCHARIN S		160 mg/kg	
		SORBATES		1,000 mg/kg	42
		SULFITES		100 mg/kg	44
		Steviol glycosides	960	115 mg/kg	26
		Sucralose (Trichlorogalac tosucrose)	955	150 mg/kg	
4.1.2.11	Fruit fillings for pastries	Acesulfame potassium	950	350 mg/kg	188
		Allura red AC	129	100 mg/kg	
		Aspartame	951	1,000 mg/kg	191
		BENZOATES		1,000 mg/kg	13
		Brilliant blue FCF	133	100 mg/kg	
		CAROTENOI		500 mg/kg	

Table 4

	d vegetables		[	Γ	Γ
Food category System	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note
		DS			
		CHLOROPH			
		YLLS AND			
		CHLOROPH			
		YLLINS,		100 mg/kg	
		COPPER			
		COMPLEXE			
		S			
		Canthaxanthin	161g	15 mg/kg	
		Caramel III -			
		ammonia	150c	7,500 mg/kg	
		caramel			
		Caramel IV -			
		sulfite	150d	7,500 mg/kg	
		ammonia		.,	
		caramel			
		beta-Carotenes,	160a(ii)	100 mg/kg	
		vegetable			
		ETHYLENE			
		DIAMINE			
		TETRA		650 mg/kg	21
		ACETATES			
		(EDTA)	1.4.2	100	
		Fast green FCF	143	100 mg/kg	
		Grape skin	163(ii)	500 mg/kg	
		extract			
		HYDROXYB		200	27
		ENZOATES		800 mg/kg	27
		PARA-			
		Indigotine	132	100 mg/kg	
		(Indigo			

Table 4

Fruits and	d vegetables				
Food category System	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note
		carmine)			
		Lauric arginate ethyl ester	243	200 mg/kg	
		Neotame	961	100 mg/kg	
		PHOSPHATE S		1,500 mg/kg	33
		SORBATES		3,000 mg/kg	
		Ponceau 4R	124	50 mg/kg	
		Propylene glycol esters of fatty acids	477	40,000 mg/kg	
		RIBOFLAVI NS		300 mg/kg	
		SORBATES		1,000 mg/kg	42
		SULFITES		100 mg/kg	44
		Sucralose (Trichlorogalac tosucrose)	955	400 mg/kg	
		Sunset yellow FCF	110	100 mg/kg	
		Steviol glycoside	960	330 mg/kg	26
4.1.2.12	Cooked fruit	Acesulfame potassium	950	500 mg/kg	188
		Aspartame	951	1,000 mg/kg	191
		BENZOATES		1,000 mg/kg	13
		CHLOROPH YLLS AND		100 mg/kg	

Table 4

Fruits an	d vegetables					
Food category System	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note	
		CHLOROPH YLLINS, COPPER COMPLEXE S				
		Neotame	961	65 mg/kg		
		SORBATES		1,200 mg/kg	42	
		Sucralose (Trichlorogalac tosucrose)	955	150 mg/kg		
4.2	Vegetables,					
	sea weeds,					
	nuts and seeds					
4.2.1	Fresh vegetables, sea weeds, nuts and seeds	No additives per	No additives permitted			
4.2.1.1	Untreated fresh vegetables ((including mushrooms and fungi, roots and tubers, fresh pulses and legumes (including soybean), and aloe vera) sea weeds, nuts	No additives per	mitted			

Table 4

Fruits and	d vegetables				
Food category System	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note
	and seeds))				
4.2.1.2	Surface treated fresh	Candelilla wax	902	GMP	79
	vegetables	Beeswax	901	GMP	79
	(including	Carnauba wax	903	GMP	79
	mushrooms and fungi,	Glycerol ester of wood rosin	445(iii)	110 mg/kg	
	roots and tubers, fresh	Lauric arginate ethyl ester	243	200 mg/kg	
	pulsesandlegumes,and	Microcrystallin e wax	905c(i)	50 mg/kg	
	aloe vera) sea weeds, nuts	PHOSPHATE S		1,760 mg/kg	33
	and seeds	Shellac, bleached	904	GMP	79
4.2.1.3	<sup>52</sup> [Peeled, cut or shredded	Lauric arginate ethyl ester	243	200 mg/kg	
	minimally processed	PHOSPHATE S		5,600 mg/kg	33,76
	vegetables [(including	Sodium ascorbate	301	GMP	

Table 4

Fruits and	d vegetables				
Food category System	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note
	mushrooms and fungi,	SULFITES		50 mg/kg	44,76,13 6
	rootsandtubers,fresh	Calcium chloride	509		
	pulses and	Calcium lactate	327		
	legumes, and aloe vera) sea	Calcium gluconate	578	350 mg/kg	
	weeds, nuts and seeds)]]	Calcium carbonate	170(i)		
		<sup>52</sup> [Citric acid	330	GMP	
		Ascorbic acid	300	GMP	
		Calcium ascorbate	302	GMP	
		Potassium carbonate	501	GMP]	
4.2.2	Processed vegetables	Acetic acid, glacial	260	GMP	
	(including mushrooms	Caramel IV - Sulfite	150d	50,000 mg/kg	92
	and fungi, roots and	Ammonia Caramel			
	tubers, pulses and legumes,	Ascorbic acid, L-	300	GMP	110
	and aloe vera) sea weeds,	Citric acid	330	GMP	242, 262, 264, 265
	nuts and seeds	ETHYLENE DIAMINE TETRA ACETATES (EDTA)		100 mg/kg	21, 110

Table 4

Fruits and	d vegetables				
Food category System	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note
		Lactic acid, L-, D- and DL-	270	GMP	262, 264
		Malic acid, dl-	296	GMP	265
		PHOSPHATE S		5,000 mg/kg	33, 76
		Polydimethylsi loxane	900a	10 mg/kg	15
		SULFITES		50 mg/kg	44, 76, 136, 137
4.2.2.1	Frozen vegetables	Ascorbic acid, L-	300	GMP	110
	(including mushrooms	Citric acid	330	GMP	242, 262, 264, 265
	and fungi, roots and	ETHYLENE DIAMINE		100 mg/kg	21, 110
	tubers, pulses and	TETRA ACETATES			
	legumes, and	(EDTA)			
	aloe vera) sea weeds, nuts	Lactic acid, L-, D- and DL-	270	GMP	262, 264
	and seeds	Malic acid, dl-	296	GMP	265
		PHOSPHATE S		5,000 mg/kg	33, 76
		Polydimethylsi loxane	900a	10 mg/kg	15
		SULFITES		50 mg/kg	44, 76, 136, 137
		<sup>52</sup> [Calcium chloride	509	GMP	323

Table 4

<b>F</b> ruits and	d vegetables				
Food category System	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note
		Calcium sulphate	516	GMP	323]
4.2.2.2	Dried vegetables (including	ASCORBYL ESTERS		80 mg/kg	10
	mushroomsandfungi,rootsandtubers,pulsesandand	<b>BENZOATES</b> Butylated hydroxyanisole (BHA)	320	1,000 mg/kg 200 mg/kg	13 196, 15, 76
	legumes, and aloe vera) sea weeds, nuts and seeds	Butylated hydroxytoluene (BHT)	321	200 mg/kg	196, 15, 76
		Canthaxanthin Diacetyltartaric and fatty acid esters of glycerols	161g 472e	10 mg/kg 10,000 mg/kg	
		ETHYLENE DIAMINE TETRA ACETATES (EDTA)		800 mg/kg	21, 64, 297
		PHOSPHATE S	210	5,000 mg/kg	33,76
		Propyl gallate SULFITES	310	50 mg/kg 500 mg/kg	15, 76,196 44, 105
4.2.2.3	Vegetables	Allura red AC	129	100 mg/kg	44, 103

Table 4

Fruits and	d vegetables				
Food category System	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note
	(including mushrooms	Acesulfame potassium	950	200 mg/kg	144, 188
	andfungi,rootsandtubers,fresh	Aluminium ammonium sulfate	523	520 mg/kg	6, 245,296
	pulses and legumes, and aloe vera) sea	Aspartame Aspartame- acesulfame salt	951 962	300 mg/kg 200 mg/kg	144, 191 113
	weeds in vinegar, oil, brine or	BENZOATES Brilliant blue FCF	133	2,000 mg/kg 100 mg/kg	13
	soybean sauce	Caramel III - ammonia caramel	150c	500 mg/kg	
		beta - Carotenes, , vegetable	160a(ii)	1,320 mg/kg	
		CAROTENOI DS		50 mg/kg	
		Diacetyltartaric and fatty acid esters of glycerols	472e	2,500 mg/kg	
		ETHYLENE DIAMINE TETRA ACETATES		250 mg/kg	21
		(EDTA) Fast green FCF	143	100 mg/kg	
		Grape skin extract	163(ii)	100 mg/kg	179, 181

Table 4

Fruits and	d vegetables				
Food category System	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note
		HYDROXYB ENZOATES, PARA-		1,000 mg/kg	27
		Indigotine (indigo carmine)	132	100 mg/kg	
		Lauric arginate ethyl ester	243	200 mg/kg	
		Neotame	961	10 mg/kg	144
		PHOSPHATE S		2,200 mg/kg	33
		Polydimethylsi loxane	900a	10 mg/kg	
		RIBOFLAVI NS		500 mg/kg	
		SACCHARIN S		160 mg/kg	144
		SORBATES		1000 mg/kg	42
		Sucralose (trichlorogalact osucrose)	955	400 mg/kg	
		SULFITES		100 mg/kg	44
		<sup>52</sup> [Ferrous gluconate	579	150 mg/kg	48,23
		Ferrous lactate	585	150 mg/kg	48,23]
4.2.2.4	Canned or bottled	Acesulfame potassium	950	200 mg/kg	188
	(pasteurised)	Allura red AC	129	200 mg/kg	
	or retort pouched	Acesulfame potassium	950	350 mg/kg	188

Table 4

Fruits and	l vegetables				
Food category System	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note
	vegetables	Aspartame	951	1,000 mg/kg	191
	(including mushrooms	Brilliant blue FCF	133	200 mg/kg	
	andfungi,rootsandtubers,fresh	Caramel III - ammonia caramel	150c	200 mg/kg	
	pulsesandlegumes,and	beta-Carotenes, vegetable	160a(ii)	200 mg/kg	
	aloe vera) sea weeds	CAROTENOI DS		200 mg/kg	
		ETHYLENE DIAMINE TETRA ACETATES (EDTA)		365 mg/kg	21
		Fast green FCF	143	200 mg/kg	
		Neotame	961	33 mg/kg	
		PHOSPHATE S		2,200 mg/kg	33
		Polydimethylsi loxane	900a	10 mg/kg	
		SACCHARIN S		160 mg/kg	144
		Ascorbic acid		GMP	
		Stannous chloride	512	25 mg/kg	43
		Steviol glycosides	960	70 mg/kg	26
		Sucralose (trichlorogalact	955	580 mg/kg	

Table 4

Fruits and	d vegetables				
Food category System	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note
		osucrose)			
		SULFITES		50 mg/kg	44
4.2.2.5	Vegetables (including	Aspartame	951	1,000 mg/kg	191
	mushrooms	Acesulfame	950	1,000 mg/kg	188
	and fungi,	potassium			
	roots and	BENZOATES		1,000 mg/kg	13
	tubers, pulses and legumes,	Caramel III - ammonia caramel	150c	50,000 mg/kg	
	and aloe vera) sea weeds, nuts and	beta-Carotenes, vegetable	160a(ii)	1,000 mg/kg	
	seeds, purees	CAROTENOI		50 mg/kg	
	and spreads	DS			
	(peanut butter)	CHLOROPH YLLS AND CHLOROPH YLINS,COPP ER COMPLEXE S		100 mg/kg	62
		ETHYLENE DIAMINE TETRA ACETATES (EDTA) Grape skin	163(ii)	250 mg/kg 100 mg/kg	21
		extract HYDROXYB ENZOATES,		1,000 mg/kg	27

Table 4

Fruits and	d vegetables				
Food category System	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note
		PARA-			
		Neotame	961	33 mg/kg	
		PHOSPHATE S		2,200 mg/kg	33, 76
		Polydimethylsi loxane	900a	10 mg/kg	
		SACCHARIN S		160 mg/kg	
		SORBATES		1,000 mg/kg	42
		Steviol glycosides	960	330 mg/kg	26
		Sucralose (trichlorogalact osucrose)	955	400 mg/kg	169
		SULFITES		500 mg/kg	44, 138
4.2.2.6	Vegetables	Allura red AC	129	100 mg/kg	92
	(including mushrooms	Acesulfame potassium	950	350 mg/kg	188
	and fungi,	Aspartame	951	1,000 mg/kg	191
	roots and tubers,	Aspartame- acesulfame salt	962	350 mg/kg	113
	pulses and	BENZOATES		3,000 mg/kg	13
	legumes, and aloe vera) sea	Brilliant blue FCF	133	100 mg/kg	92
	weeds, nuts and seeds- pulps and	Caramel III - ammonia caramel	150c	50,000 mg/kg	
	preparations (e.g vegetable desserts and	beta - Carotenes, vegetable	160a(ii)	1,000 mg/kg	92

Table 4

Fruits and	d vegetables	1			1
Food category System	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note
	sauces,	CAROTENOI		50 mg/kg	92
	candied	DS			
	vegetables)	Chlorophylls		100 mg/kg	62, 92
	other than	And			
	food category	Chlorophylins			
	4.2.2.5	,Copper			
		Complexes			
		Diacetyltartaric			
		and fatty acid	470	2 500	
		esters of	472e	2,500 mg/kg	
		glycerols			
		ETHYLENE			
		DIAMINE			
		TETRA		80 mg/kg	21
		ACETATES			
		(EDTA)			
		Grape skin	162(ii)	100 mg/kg	02 191
		extract	163(ii)	100 mg/kg	92, 181
		HYDROXYB			
		ENZOATES		1,000 mg/kg	27
		PARA-			
		Indigotine			
		(indigo	132	100 mg/kg	92
		carmine)			
		Neotame	961	33 mg/kg	
		PHOSPHATE		2,200 mg/kg	33
		S			
		Polydimethylsi	000	50 /1	
		loxane	900a	50 mg/kg	
		POLYSORBA			
		TES		3,000 mg/kg	

Table 4

Fruits and	d vegetables				
Food category System	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note
		Propylene glycol esters of fatty acids	477	5,000 mg/kg	
		RIBOFLAVI NS		300 mg/kg	92
		SACCHARIN S		200 mg/kg	
		SORBATES		1,000 mg/kg	42
		Steviol glycosides	960	165 mg/kg	26
		Sucralose (trichlorogalact osucrose)	955	400 mg/kg	
		Sucroglyceride s	474	5,000 mg/kg	
		SULFITES		300 mg/kg	44, 205
		Sunset yellow FCF	110	50 mg/kg	92
4.2.2.7	Fermented vegetables(incl	Aspartame	951	2,500 mg/kg	191
	uding mushrooms	Acesulfame Potassium	950	1,000 mg/kg	188
	and fungi,	BENZOATES		1,000 mg/kg	13
	roots and tubers, pulses	Brilliant blue FCF	133	100 mg/kg	92
	and legumes, and aloe vera)	CAROTENOI DS		50 mg/kg	92
	and seaweed products,	Calcium 5'- ribonucleotides	634	GMP	279
	excluding	Calcium carbonate	170(i)	GMP	279

Table 4

Fruits and	d vegetables				
Food category System	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note
	fermented soybean	Calcium chloride	509	GMP	279
	•	Calcium lactate	327	10,000 mg/kg	
	food categories	Calcium carbonate	170	GMP	
	6.8.6, 6.8.7, 12.9.1, 12.9.2.1	Calcium bisulphite	227	500 mg/kg	
	and 12.9.2.3	Citric acid	330	GMP	
		CHLOROPH YLLS AND CHLOROPH YLLINS, COPPER COMPLEXE S		100 mg/kg	62
		Caramel III - ammonia caramel	150c	50,000 mg/kg	
		beta-Carotenes, vegetable	160a(ii)	1,000 mg/kg	
		Diacetyltartaric and fatty acid esters of glycerol	472e	2,500 mg/kg	
		ETHYLENE DIAMINE TETRA ACETATES		250 mg/kg	21
		(EDTA)	107	30  mg/kg	
		Erythrosine	127 143	30 mg/kg	
		Fast green FCF	143	100 mg/kg	

Table 4

Fruits and	d vegetables				
Food category System	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note
		Grape skin extract	163(ii)	100 mg/kg	181
		HYDROXYB ENZOATES PARA-		300 mg/kg	27
		Indigotine (Indigo carmine)	132	100 mg/kg	
		Malic acid	296	GMP	
		Neotame	961	33 mg/kg	
		PHOSPHATE S		2,200 mg/kg	33
		Polydimethylsi loxane	900a	10 mg/kg	
		Ponceau 4R	124	100 mg/kg	
		RIBOFLAVI NS		500 mg/kg	
		SACCHARIN S		200 mg/kg	
		SORBATES		1,000 mg/kg	42
		SULFITES		500 mg/kg	44
		Sucralose (Trichlorogalac tosucrose)	955	580 mg/kg	
		Sunset yellow FCF	110	100 mg/kg	92
		Steviol glycoside	960	200 mg/kg	26
4.2.2.8	Cooked	or Aspartame	951	1,000 mg/kg	
	fried	Benzoates		1,000 mg/kg	13

Table 4

Fruits and	d vegetables				
Food category System	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note
	vegetables	L-Tartaric acid	334	GMP	
	(including	Chlorophylls			
	mushrooms	and			
	and fungi,	Chlorophyllin		100 mg/kg	
	roots and	s, copper			
	tubers, pulses	complexes			
	and legumes, and aloe vera), and seaweeds		150c	50,000 mg/kg	
		Curcumin	100	GMP	
		Diacetyltartaric and fatty acid esters of glycerol	472e	2,500 mg/kg	
		ETHYLENE DIAMINE TETRA ACETATES (EDTA)		250 mg/kg	21
		Neotame	961	33 mg/Kg	
		PHOSPHATE S		2,200 mg/kg	33, 76
		SACCHARIN S		160 mg/kg	144
		SORBATES		1,000 mg/kg	42,221
		Sucralose (Trichlorogalac tosucrose)	955	150 mg/kg	141
		Steviol glycoside	960	40 mg/kg	26

## Table 5

Confectio	onary				
Food	Food Category	Food Additive	INS	Recommended	Note
Categor	Name		Numb	Maximum level	
У			er		
System					
5.0	Confectionery	ASCORBYL		500 mg/kg	10,
		ESTERS			15,114
		Mineral oil,	905e	2,000 mg/kg	3
		medium			
		viscosity			
		Polydimethylsi	900a	10 mg/kg	
		loxane			
5.1	<sup>52</sup> [Cocoa	Mineral oil,	905d	2,000 mg/kg	3
	products and	high viscosity			
	chocolate	Propyl gallate	310	200 mg/kg	15, 130
	products				
	including				
	imitations and				
	chocolate				
	substitutes]				
5.1.1	Cocoa mixes	Acesulfame	950	350 mg/kg	188
	(powders) and	potassium			
	cocoa	Ammonium	442	GMP	97
	mass/cake	salts of			
		phosphatidic			
		acid			
		Aspartame	951	3,000 mg/kg	191
		BENZOATES		15,00 mg/kg	
		SORBATES		1,500 mg/kg	
		PHOSPHAT		1,100 mg/kg	33
		ES			
		Propylene	477	5,000 mg/kg	97
		glycol esters of			
		fatty acids			

			SACCHARIN		100 mg/kg	97
			S			
			Sucrose esters	473	10 g/kg	
			of fatty acids			
			Sucralose	955	580 mg/kg	97
			(Trichlorogala			
			ctosucrose)			
			L-Tartaric acid	334	5 g/kg	
			<sup>52</sup> [Polyglycerol	475	5,000 mg/kg	XS141,
			esters of fatty			97
			acid			
			Polyglycerol	476	5,000 mg/kg	XS141,
			esters of			97
			interesterified			
			ricinoleic acid			
			SORBITAN		2,000 mg/kg	XS141,
			ESTERS OF			97, 123]
			FATTY			
			ACIDS			
5.1.2	Cocoa	mixes	Caramel III -	150c	50,000 mg/kg	
	(syrups)		ammonia			
		-	caramel	1 50 1	<b>7</b> 0,000 /1	
			Caramel IV -	150d	50,000 mg/kg	
			sulfite			
			ammonia			
		-	caramel	050	250	07 100
			Acesulfame	950	350 mg/kg	97,188
		r	potassium		1	
			<sup>75</sup> [Omitted]			
		L	Aspartame	951	1,000 mg/kg	191
		-	Neotame	961	33 mg/kg	97
		-	POLYSORB		500 mg/kg	
			1	1	1	
			ATES			
		<del>.</del>	ATES SACCHARIN		80 mg/kg	97

			SORBATES		1,000 mg/kg	42
		-	Sucralose	955	400 mg/kg	97
			(Trichlorogala			
			ctosucrose)			
		-	<sup>52</sup> [TARTRAT		2,000 mg/kg	45
		_	ES			
			TOCOPHER		500 mg/kg	15]
			OLS			
5.1.3	Cocoa	and	Acesulfame	950	1,000 mg/kg	188
	chocolate	_	potassium			
	products		Annatto	160b(i	100 mg/kg	
		_		),(ii)		
			Grape skin	163(ii)	200 mg/kg	
		-	extract			
		-	<sup>52</sup> [omitted		]	
			Allura red AC	129	100 mg/kg	183
			<sup>75</sup> [Omitted]			
			Ammonium	442	GMP	
			salts of			
			phosphatidic			
		_	acid			
		_	Aspartame	951	3,000 mg/kg	191
		_	Beeswax	901	GMP	3
			Brilliant blue FCF	133	100 mg/kg	183
		-	Butylated	320	200 mg/kg	130,
			hydroxyanisol			141, 15
			e (BHA)			
		-	Butylated	321	200 mg/kg	130,
			hydroxytoluen			141, 15
			e (BHT)			
		-	TBHQ	319	200 mg/kg	<sup>52</sup> [15,130
						,141]
		-	CAROTENO		100 mg/kg	183

	IDS			
-	CHLOROPH		<sup>52</sup> [700 mg/kg]	62
	YLLS AND			
	CHLOROPH			
	YLLINS,			
	COPPER			
	COMPLEXE			
	S			
	Curcumin	100	100 mg/kg	
	Candelilla wax	902	GMP	
	Canthaxanthin	161g	100 mg/kg	
	Caramel III -	150c	50,000 mg/kg	
	ammonia			
	caramel			
	Caramel IV -	150d	50,000 mg/kg	
	sulfite			
	ammonia			
	caramel			
	Carmoisine	122	100 mg/kg	
	Carnauba wax	903	GMP	
	beta-	160a(i	100 mg/kg	
	Carotenes,	i)		
_	vegetable			
	ETHYLENE		50 mg/kg	21
	DIAMINE			
	TETRA			
	ACETATES			
_	(EDTA)			
	Indigotine	132	100 mg/kg	
	(Indigo			
	carmine)			
	Lauric arginate	243	200 mg/kg	
	ethyl ester			
	SORBATES		1,000 mg/kg	
	Mono and di	471	GMP	
	glycerides of			1

edible fatty acids			
Neotame	961	100 mg/kg	
HYDROXYB ENZOATES, PARA-		300 mg/kg	27
PHOSPHAT ES		2,500 mg/kg	33
Tartrazine	102	100 mg/kg	
POLYSORB ATES		<sup>52</sup> [5,000 mg/kg]	101
Ponceau 4R	124	100 mg/kg	183
RIBOFLAVI NS		300 mg/kg	
SACCHARIN S		500 mg/kg	
Erythrosine	127	50 mg/kg	
Shellac, bleached	904	GMP	3
<sup>52</sup> [omit		]	
Carmoisine	122	100 mg/kg	
Fast green FCF	143	100 mg/kg	
Sucralose (Trichlorogala ctosucrose)	955	800 mg/kg	
Sunset yellow FCF	110	100 mg/kg	
<sup>52</sup> [omit			]
BENZOATES		1,500 mg/kg	
<sup>52</sup> [Polyglycerol esters of fatty acid	475	2,000 mg/kg	By weight in chocolat

					es
		Polyglycerol esters of interesterified	476	5,000 mg/kg	101]
		ricinoleic acid <sup>52</sup> [SORBITA		10,000 mg/kg	101]
		N ESTERS OF FATTY		10,000 mg/ kg	101]
		ACIDS		~~~~	
		Saffron		GMP	
		L - Tartaric acid	334	3 g/kg	
		<sup>52</sup> [Castor Oil	1503	350 mg/kg	
		TOCOPHER OLS		750 mg/kg	15,168]
5.1.4	<sup>52</sup> [Imitation Chocolate,	Acesulfame potassium	950	500 mg/kg	188
	Chocolate	<sup>75</sup> [Omitted]			
	substitute products]	Ammonium salts of phosphatidic acid	442	GMP	
		Aspartame	951	3,000 mg/kg	
		Aspartame- acesulfame salt	962	500 mg/kg	191
		BENZOATES		1,500 mg/kg	13
		<sup>52</sup> [omit	201	200 m a /laa	]
		Butylated hydroxytoluen e (BHT)	321	200 mg/kg	141, 15, 197
	· · · ·	Beeswax	901	GMP	3
		Candelilla wax	902	GMP	3
		Carnauba wax	903	GMP	3

HYDROXYB		300 mg/kg	
ENZOATES,			
PARA-			
Neotame	961	100 mg/kg	
PHOSPHAT		2,200 mg/kg	33
ES			
POLYSORB		5,000 mg/kg	
ATES			
SACCHARIN		500 mg/kg	
S			
SORBATES		1,500 mg/kg	
Shellac,	904	GMP	
bleached			
Sucralose	955	800 mg/kg	
TOCOPHER		750 mg/kg	
OLS			
Tartaric acid	334	5 g/kg	
CHLOROPH		700 mg/kg	
YLLS AND			
CHLOROPH			
YLLINS,			
COPPER			
COMPLEXE			
S			
CAROTENO		100 mg/kg	
IDS			
beta –	160a(i	100 mg/kg	
Carotenes,	i)		
vegetable			
Canthaxanthin	161g	100 mg/kg	
Sulfur dioxide	220	150 mg/kg	
Sorbitan	491	10 g/kg	
monostearate			
Annatto	160b(i	100 mg/kg	
	), (ii)		
<sup>52</sup> [Polyglycerol	476	5,000 mg/kg	366]

		esters of	I		
		interesterified			
		ricinoleic acid			
	-	Caramel III	150c	50,000 mg/kg	
	-				
	-	Caramel IV	150d	50,000 mg/kg	
	-	Saffron	000	GMP	
		<sup>52</sup> [Polydimethy	900a	10mg/kg	
		l-siloxane	175	<b>2</b> 000 /	2.5.5
		Polyglycerol	475	2,000mg/kg	366
		esters of fatty			
		acid			
		Sucroglyceride	474	6,000mg/kg	348
	_	S			
		Sucrose	473a	6,000mg/kg	348
		Oligoesters,			
		Type-I and			
	-	Type -II			
		Sucrose esters	473	6,000mg/kg	348
	-	of fatty acid			
	_	TARTRATES		5,000mg/kg	45
		TOCOPHER		500 mg/kg	15
	_	OLS			
		SORBITAN		10,000 mg/kg	]
		ESTERS OF			
		FATTY			
		ACIDS			
5.2	Confectionery	Allura red AC	129	200 mg/kg	
	including hard	<sup>75</sup> [Omitted]			
	and soft candy,	Butylated	320	200mg/kg	130, 15
	nougats etc.	hydroxyanisol	520	200111g/ Kg	150, 15
	other than food	e (BHA)			
	categories 5.1,	C (DIIA)			
	5.3, and 5.4	Butylated	321	200mg/kg	130, 15
		hydroxytoluen			
		e (BHT)			
		IDON		200	
	$\frac{1}{10000000000000000000000000000000000$	IRON		200 mg/kg	

	OXIDES			
-	Sucroglyceride	474	5,000 mg/kg	
	S			
-	Propylene	477	5,000 mg/kg	
	glycol esters of			
	fatty acids			
	Propyl gallate	310	200 mg/kg	15, 130
	BENZOATES		1,500 mg/kg	13
	Diacetyltartari	472e	GMP	
	c and fatty acid			
	esters of			
	glycerol			
	CAROTENO		GMP	
	IDS			
	beta –	160a(i	500 mg/kg	
	Carotenes,vege	i)		
	table			
	Canthaxanthin	161g	GMP	
	Castor oil	1503	500 mg/kg	
	Candelilla wax	902	GMP	3
	CHLOROPH		GMP	
	YLLS AND			
	CHLOROPH			
	YLLINS,			
	COPPER			
	COMPLEXE			
	S			
	Tartrazine	102	100 mg/kg	
	Erythrosine	127	50 mg/kg	
	Fast green	143	100 mg/kg	
	FCF			
	Curcumin	100	GMP	
	Caramel III -	150c	50,000 mg/kg	
	ammonia			
	caramel			
	Caramel IV -	150d	50,000 mg/kg	
		I		

			1	
	sulfite			
	ammonia			
	caramel			
	Neotame	961	330 mg/kg	1, 61,
				158
-	HYDROXYB		1,000 mg/kg	
	ENZOATES,		, , ,	27
	PARA-			
-	L-Tartaric acid	334	2,000 mg/kg	
	Tocopherol	307a,b	500 mg/kg	
		,c		
	<sup>70</sup> [Liquid	,º 905e	GMP]	
	paraffin	1000		
-	<sup>82</sup> [Omitted			]
	Ollitted			]
-	Ammonium	442	GMP	
	salts of			
	phosphatidic			
	acids			
	Ponceau 4R	124	100 mg/kg	
	Microcrystalli	905c(i	GMP	3
	ne wax	)		
-	Beeswax	901	GMP	3
	RIBOFLAVI		300 mg/kg	
	NS			
-	Carmoisine	122	100 mg/kg	
	PHOSPHAT		2,200 mg/kg	33
	ES			
-	SACCHARIN		500 mg/kg	163
	S			
-	Sucralose	955	1,800 mg/kg	
	(Trichlorogala		, <del>0</del>	
	ctosucrose)			
	Steviol	960	700 mg/kg	26, 199
	glycosides	200	,	_0, 177
-	Sulfur dioxide	220	2,000 mg/kg	
	Sultur UIUXIUE	220	2,000 mg/kg	

· · · · · · · · · · · · · · · · · · ·	<sup>52</sup> [omit		1	
-	Tertiary	319	200 mg/kg	15, 130
	butylhydroqui			
	none (TBHQ)			
-	SORBATES		1,500 mg/kg	42
	POLYSORB		1,000 mg/kg	
	ATES			
	Annatto	160b(	200 mg/kg	
		i), (ii)		
	Brilliant blue	133	100 mg/kg	
	FCF			
	Sunset yellow	110	100 mg/kg	
	FCF			
	Tartrazine	102	100 mg.kg	
	Indogotine	132	100 mg/kg	
	(Indigo			
	carmine)			
	Mineral oil,	905d	2,000 mg/kg	3
	high viscosity			
	<sup>52</sup> [Shellac,	904	GMP	3
	bleached			
	Sucrose	473a	5,000mg/kg	348
	Oligoesters,			
	Type-I and			
	Type -II			
	Sucrose esters	473	5,000mg/kg	348
	of fatty acid			
	Polyglycerol	475	2,000mg/kg	367
	esters of fatty			
	acid			
	TARTRATES		2,000mg/kg	45
	Sodium di	262	1,000 mg/kg	
	acetate	(ii)		
	STEROYL	481(i),	5,000 mg/kg	]
	LACTILATE	482(i)		
	S			

5.2.1	Hard candy	Acesulfame	950	3,500 mg/kg	188
		potassium			
		Carnauba wax	903	GMP	13
		Aspartame	951	10,000 mg/kg	
		Diacetyltartari	472e	10,000 mg/kg	
		c and fatty acid			
		esters of			
		glycerol			
		CHLOROPH		700 mg/kg	
		YLLS AND			
		CHLOROPH			
		YLLINS,			
		COPPER			
		COMPLEXE			
		S			
		Microcrystalli	905c(i	GMP	3
		ne wax	)		
		Neotame	961	330 mg/kg	
		Sucralose	955	1,500 mg/kg	164
		(Trichlorogala			
		ctosucrose)			
		Annatto	160b(i	GMP	
			), (ii)		
		Mono and di	471	GMP	
		glycerides of			
		edible fatty			
		acids			
		Lecithins	322 (i)	GMP	
		L-Tartaric acid	334	GMP	
		<sup>52</sup> [Polyglycerol	476	3,000mg/kg	
		esters of			
		interesterified			
		ricinoleic acid			
		TOCOPHER		500 mg/kg	15
		OLS			
		SORBITAN		10,000 mg/kg]	

		ESTERS OF			
		FATTY			
		ACIDS			
5.2.2	Soft candy	Acesulfame	950	3500 mg/kg	157,
		potassium			188
		Annatto	160b(i	GMP	
			),(ii)		
		Aspartame	951	3,000 mg/kg	148
		Carnauba wax	903	GMP	3
		Sulfur dioxide	220	2,000 mg/kg	
		Grape skin	163(ii)	1,700 mg/kg	181
		extract			
		Shellac,	904	GMP	3
		bleached			
		52[Polyglycer	476	3,000 mg/kg	
		ol esters of			
		interesterified			
		ricinoleic acid			
		Propylene	1520	4,500 mg/kg	
		glycol		10.000 /	
		SORBITAN		10,000 mg/kg	
		ESTERS OF FATTY			
		ACIDS			
		Hydrogenated	907	2,000 mg/kg	
		poly-1-decenes	<i>J</i> 07	2,000 mg/kg	
		Sucrose esters	473	5,000mg/kg	348]
		of fatty acid	170	<i>c</i> , <i>o</i> , <i>o</i> , <i>o</i> , <i>o</i> , <i>o</i> , <i>n</i> , <i>b</i> , <i>n</i> , <i>n</i> , <i>b</i> , <i>n</i> , <i>n</i> , <i>b</i> , <i>n</i>	5 10]
5.2.3	Nougats and	Acesulfame	950	1000 mg/kg	
	marzipans	potassium			
	-	Aspartame	951	3,000 mg/kg	
		Brilliant blue	133	200 mg/kg	
		FCF			
		Indigotine	132	200 mg/kg	
		(indigocarmine			
		)			

		Fast green FCF	143	200 mg/kg	
				100	
		CAROTENO		100 mg/kg	
		IDS	170	10.000 /	
		Diacetyltartari	472e	10,000 mg/kg	
		c and fatty acid			
		esters of			
		glycerol		100 /1	
		CHLOROPH		100 mg/kg	
		YLLS AND			
		CHLOROPH			
		YLLINS,			
		COPPER			
		COMPLEXE			
		S			
		Ponceau 4R	124	200 mg/kg	
		Carnauba wax	903	GMP	
5.3	Chewing gum	Carmoisine	122	100 mg/kg	
	-	Tartrazine	102	100 mg/kg	
		Acesulfame	950	5,000 mg/kg	
		potassium			
		Annatto	160b	GMP	
			(i), (ii)		
		<sup>75</sup> [Omitted]			
		Curcumin	100	GMP	
	-	Aspartame	951	10,000 mg/kg	
	-	BENZOATES		1,500 mg/kg	
	-	Calcium	556	100 mg/kg	Express
		aluminium			ed as
		silicate			Alumini
					um
	-	Castor Oil	1503	2,100 mg/kg	
	-	Beeswax	901	GMP	
	-	Brilliant blue	133	100 mg/kg	
		FCF			
	-	CAROTENO		100 mg/kg	1

	IDS			
-	IRON		10,000 mg/kg	
	OXIDES			
	Butylated	320	400 mg/kg	130
	hydroxyanisol			
	e (BHA)			
-	Butylated	321	400 mg/kg	130
	hydroxytoluen			
	e (BHT)			
-	Lecithins	322(i),	GMP	
		(ii)		
	Grape skin	163(ii)	500 mg/kg	181
	extract			
	Ammonium	442	GMP	
	salts of			
	phosphatidic			
	acids			
	Sucrose esters	473	GMP	
	of fatty acids			
	Polyglycerol	476	GMP	
	polyricinoleate			
	L-Tartaric acid	334	3,000 mg/kg	
	Candelilla wax	902	GMP	
	<sup>75</sup> [Omitted]			
	Caramel III -	150c	20,000 mg/kg	
	ammonia			
	caramel			
-	Caramel IV -	150d	20,000 mg/kg	
	sulfite			
	ammonia			
	caramel			
-	Carnauba wax	903	GMP	
-	beta –	160a(i	500 mg/kg	
	Carotenes,	i)		
	Carotenes,	1/		

	vegetable			
-	Cyclodextrin,	459	20,000 mg/kg	
	beta-			
	Diacetyltartari	472e	50,000 mg/kg	
	c and fatty acid			
	esters of			
	glycerol			
	Erythrosine	127	25 mg/kg	
	Fast green	143	200 mg/kg	
	FCF			
	Guaiac resin	314	1,500 mg/kg	
	HYDROXYB		1,500 mg/kg	
	ENZOATES,			
	PARA-			
	RIBOFLAVI		1,000 mg/kg	
	NS			
	Indigotine	132	100 mg/kg	
	(Indigo			
	carmine)			
	Lauric arginate	243	225 mg/kg	
	ethyl ester			
	Microcrystalli	905c(i	<sup>69</sup> [20,000 mg/kg	3]
	ne wax	)		
	CHLOROPH		GMP	
	YLLS AND			
	CHLOROPH			
	YLLINS,			
	COPPER			
	COMPLEXE			
	S			
	Neotame	961	1,000 mg/kg	
	PHOSPHAT		44,000 mg/kg	33
	ES			
	POLYSORB		5,000 mg/kg	
	ATES			
	Polyethylene	1521	20,000 mg/kg	

		glycol	]		
	-	Polyvinylpyrro	1201	10,000 mg/kg	
		lidone			
	-	Ponceau 4R	124	100 mg/kg	
	-	Sucroglyceride	474	20,000 mg/kg	
		s			
	-	Propylene	477	20,000 mg/kg	
		glycol esters of			
		fatty acids			
	-	Sodium	554	100 mg/kg	
		aluminosilicate			
	-	Aluminium	559	100 mg/kg	
		silicate			
	-	SACCHARIN		2,500 mg/kg	
		S			
	-	SORBATES		1,500 mg/kg	42
		Canthaxanthin	161g	GMP	
	-	Shellac,	904	GMP	
		bleached			
	-	Stearoyl citrate	484	15,000 mg/kg	
	-	Steviol	960	3,500 mg/kg	26
		glycosides			
	-	Sucralose	955	5,000 mg/kg	
		(Trichlorogala			
		ctosucrose)			
		Propyl gallate	310	1,000 mg/kg	
		Sunset yellow	110	100 mg/kg	
		FCF			
		TOCOPHER		1,500 mg/kg	
		OLS			
		Tertiary	319	400 mg/kg	130
		butylhydroqui			
		none (TBHQ)			
		Mineral oil,	905d	20,000 mg/kg	3
		high viscosity			
5.4	Decorations	Acesulfame	950	500 mg/kg	

(e.g. for fine	potassium			
bakery wares),	<sup>75</sup> [Omitted]			
toppings (non-	Aspartame	951	1,000 mg/kg	
fruit) and	BENZOATES		1,500 mg/kg	
sweet sauces	Beeswax	901	GMP	
-	Brilliant blue FCF	133	100 mg/kg	
	Butylated hydroxyanisol e (BHA)	320	200mg/kg	130, 15
	Butylated hydroxytoluen e (BHT)	321	200mg/kg	130, 15
	CAROTENO IDS		100 mg/kg	
	CHLOROPH YLLS AND CHLOROPH		100 mg/kg	
	YLLINS, COPPER			
	COMPLEXE			
	S Candelilla wax	902	GMP	
	Caramel III -	150c	50,000 mg/kg	
	ammonia	1000		
	caramel			
-	Caramel IV - sulfite	150d	50,000 mg/kg	
	ammonia caramel			
	Carnauba wax	903	GMP	
	beta-	160a(i	20,000 mg/kg	
	Carotenes, vegetable	i)		

	Diacetyltartari	472e	10,000 mg/kg	
	c and fatty acid	1720	10,000 mg/mg	
	esters of			
	glycerol			
-	Erythrosine	127	50 mg/kg	
-	Fast green	143	100 mg/kg	
	FCF			
	HYDROXYB		300 mg/kg	
	ENZOATES,		000000	
	PARA-			
	Indigotine	132	100 mg/kg	
	(Indigo			
	carmine)			
	Propyl gallate	310	1,000 mg/kg	
-	SORBATES-		1,000 mg/kg	
-	Neotame	961	100 mg/kg	
	PHOSPHAT		1,500 mg/kg	33
	ES			
	POLYSORB		3,000 mg/kg	
	ATES			
	Ponceau 4R	124	50 mg/kg	
	Propylene	477	40,000 mg/kg	
	glycol esters of			
	fatty acids			
	RIBOFLAVI		3,000 mg/kg	
	NS			
	SACCHARIN		500 mg/kg	
	S			
	Shellac,	904	GMP	
	bleached			
	Sucralose	955	1,000 mg/kg	
	(Trichlorogala			
	ctosucrose)			
	Sunset yellow	110	100 mg/kg	
	FCF			

Tertiary butylhydroqui none (TBHQ)	319	200 mg/kg	
Mineral oil, high viscosity	905d	2000 mg/kg	3
52[Allura Red	129	100 mg/kg	
Grape skin extract	163(ii)	500 mg/kg	181
Mineral oil, medium viscosity	905e	2,000 mg/kg	XS 86, XS 105, 3, XS 141, XS 87
Poly glycerol esters of fatty acid	475	2,000 mg/kg	368
Polyglycerol esters of interesterified ricinoleic acid	476	5,000 mg/kg	
Propylene glycol alginate	405	5,000 mg/kg	
SORBITAN ESTERS OF FATTY ACIDS		10,000 mg/kg	
STEAROYL LACTYLAT ES		2,000 mg/kg	
Sucroglyceride s	474	5,000 mg/kg	348

	Sucrose	473a	5,000 mg/kg	348
	oligoesters,			
	Type I and			
	Type II			
-	Sucrose esters	473	5,000 mg/kg	348
	of fatty acids			
	TARTRATES		8,000 mg/kg	45
	TOCOPHER		500 mg/kg	15]
	OLS			

	nd cereal product			- 1	- 1
Food	Food Category	Food Additive	INS	Recommended	Note
Categor	Name		No	maximum level	
У					
System					
6.0	Cereals and				
	cereal products				
	derived from				
	cereal grains,				
	from roots and				
	tubers, pulses,				
	legumes (fresh				
	pulses and				
	legumes are				
	covered in				
	category 4.2)				
	and pith or				
	soft core of				
	palm tree,				
	excluding				
	bakery wares				
	of food				
	category 7.0:				
	including				

Cereals a	nd cereal product	ts					
Food	Food Category	Food Additive	INS	Recommended	Note		
Categor	Name		No	maximum level			
У							
System							
	unprocessed						
	(6.1) and						
	various						
	processed						
	forms of						
	cereals and						
	cereal based						
	products						
6.1	Whole,						
	broken, or	No additives per	No additives permitted				
	flaked grain,						
	including rice						
6.2	Flours and						
	starches						
	(including						
	soybean						
	powder)						
6.2.1	Flours and	Protease	1101(i	GMP			
and	starches*		)				
6.2.2		Pullulan	1204	GMP	25		
		SULFITES		200 mg/kg	44		
		Benzoyl	928	75 mg/kg			
		peroxide					
		Chlorine	925	2,500 mg/kg	87		
		L-Ascorbic	300	300 mg/kg			
		acid					
		Azodicarbona	927a	45 mg/kg			
		mide					
		PHOSPHATE		2,500 mg/kg	225, 33		
		S					

Cereals a	Cereals and cereal products						
Food	Food Category	Food Additive	INS	Recommended	Note		
Categor	Name		No	maximum level			
y							
System							
		Sodium	301	300 mg/kg			
		ascorbate					
		SODIUM		1,600 mg/kg	6, 252		
		ALUMINIUM					
		PHOSPHATE					
		S					
		alpha-Amylase	1100	100 mg/kg	On flour		
		from	(i)		mass		
		Aspergillus			basis		
		oryzae var.					
		alpha-Amylase	1100	GMP			
		from Bacillus	(iii)				
		subtilis					
		Carbohydrase	1100	GMP			
		from Bacillus	(vi)				
		licheniformis					
		Diacetyltartaric	472e	3,000 mg/kg	186		
		and fatty acid					
		esters of					
		glycerol					
		Lecithins	322(i),	GMP	28, 25		
			(ii)				
		Amylases and	1100	GMP			
		other enzymes					
		Ammonium	923	2,500 mg/kg	On flour		
		persulfate			mass		
					basis		
		Calcium	170(i)	5,000 mg/kg	On flour		
		carbonate			mass		
					basis		

Table 6

Cereals a	Cereals and cereal products							
Food	Food Category		INS	Recommended	Note			
Categor	Name		No	maximum level				
y								
System								
-		<sup>69</sup> [****]						
		Ammonium chloride	510	500 mg/kg	On flour mass basis			
		L-cysteine mono hydrochloride	920	90 mg/kg	On flour mass basis			
		Soduim bisulphite	222	GMP				
		Sodium metabisulfite	223	GMP				
		Trisodium	331(iii	GMP				
		citrate	)					
	Maida	Only following a	additives	permitted in maida				
		(if the flour is us	ed for ba	king purpose)				
		Benzoyl peroxide	928	40 mg/kg				
		Ascorbic acid	300	200 mg/kg				
	Corn flour	Only following flour (Maize star		permitted in corn				
		SULFITES		100 mg/kg	44			
		*No additives pe	ermitted i	n Atta				
6.3	Ready -to -eat	1		200 mg/kg	10			
	cereals,	ESTERS						
	breakfast	Acesulfame	950	1,200 mg/kg	188			
	cereals,	potassium						
	including	Allura red AC	129	100 mg/kg	-			
	rolled oats	Aspartame	951	1,000 mg/kg	191			
		Curcumin	100	GMP				

Cereals and cereal products							
Food	Food Category	Food Additive	INS	Recommended	Note		
Categor	Name		No	maximum level			
У							
System							
		Paprika	160c(i	GMP			
		oleoresin	)				
		Brilliant blue FCF	133	100 mg/kg			
		Butylated hydroxyanisole (BHA)	320	200 mg/kg	196, 15		
		Butylated hydroxytoluene (BHT)	321	100 mg/kg	196, 15		
		CAROTENOI DS		200 mg/kg			
		Caramel III - ammonia caramel	150c	50,000 mg/kg	189		
		Caramel IV - sulfite ammonia caramel	150d	2,500 mg/kg			
		beta-Carotenes, vegetable	160a(i i)	400 mg/kg			
		Grape skin extract	163(ii)	200 mg/kg			
		IRON OXIDES		75 mg/kg			
		Neotame	961	160 mg/kg			
		Propyl gallate	310	200 mg/kg	196		
		PHOSPHATE S		2,200 mg/kg	33		

Table 6

Cereals a	nd cereal produ	ets			
Food	Food Category	Food Additive	INS	Recommended	Note
Categor	Name		No	maximum level	
У					
System					
		RIBOFLAVI		300 mg/kg	
		NS			
		SACCHARIN		100 mg/kg	
		S			
		Steviol	960	350 mg/kg	26
		glycosides			
		Sucralose	955	1,000 mg/kg	
		(Trichlorogalac			
		tosucrose)			
		Sunset yellow	110	100 mg/kg	
		FCF			
		<sup>52</sup> [TOCOPHE		200 mg/kg]	
		ROLS			
6.4	Pastas and				
	noodles and				
	like products				
6.4.1	Fresh pastas	Agar	406	GMP	211
	and noodles	Alginic acid	400	GMP	211
	and like	Aluminium	523	300 mg/kg	247,6
	products	ammonium			
		sulphate			
		Ascorbic acid	300	200 mg/kg	
		Calcium	170(i)	GMP	
		carbonate			
		Carbon dioxide	290	GMP	211,59
		Carob bean	410	GMP	211
		gum			
		Carrageenan	407	GMP	211
		Citric acid	330	GMP	
		Curdlan	424	GMP	211

Cereals a	Cereals and cereal products								
Food	Food Category	Food Additive	INS	Recommended	Note				
Categor	Name		No	maximum level					
У									
System									
		Distarch	1412	GMP	211				
		phosphate							
		Fumaric acid	297	700 mg/kg					
		Gellan gum	418	GMP	211				
		Glucono delta-	575	GMP					
		lactone							
		Glycerol	422	GMP	211				
		Guargum	412	GMP	211				
		Gumarabic	414	GMP	211				
		Karaya gum	416	GMP	211				
		Konjac flour	425	GMP	211				
		Lactic acid L-,	270	GMP					
		-D-and DL-							
		Lecithins	322(i),	GMP					
			(ii)						
		Microcrystallin	460(i)	GMP	211				
		e cellulose							
		Mono- and di-	471	GMP					
		glycerides of							
		fatty acids							
		Pectins	440	GMP	211				
		Phosphated	1413	GMP	211				
		distarch							
		phosphate							
		PHOSPHATE		2,500 mg/kg	211,33				
		S							
		Potassium	501(i)	11,000 mg/kg					
		carbonate							
		Processed	407a	GMP	211				
		eucheuma							

Table 6

Cereals a	nd cereal produc	ets			
Food	Food Category	Food Additive	INS	Recommended	Note
Categor	Name		No	maximum level	
У					
System					
		seaweed			
		Pullulan	1204	GMP	211
		Sodium acetate	262(i)	600 mg/kg	
		Sodium	401	GMP	211
		alginate			
		Sodium	301	GMP	
		ascorbate			
		Sodium	500 (i)	10,000 mg/kg	
		carbonate			
		Carboxymethyl	466	GMP	
		cellulose			
		Sodium DL-	350(ii)	GMP	
		malate			
		Sodium	500(ii)	GMP	
		hydrogen			
		carbonate			
		Sodium lactate	325	GMP	
		Tragacanth	413	GMP	211
		gum			
		Xanthan gum	415	GMP	211
6.4.2	Dried pastas	Canthaxanthin	161g	15 mg/kg	211
	and noodles	Caramel IV -		50,000 mg/kg	211
	and like	Sulfite	150d		
	products	Ammonia			
		caramel			
		Diacetyl	472e	5,000 mg/kg	
		tartaric acid			
		and fatty acid			
		esters of			
		glycerol			

Cereals and cereal products								
Food	Food Category	Food Additive	INS	Recommended	Note			
Categor	Name		No	maximum level				
У								
System								
		PHOSPHATE		900 mg/kg	211,33			
		S						
		Agar	406	GMP	256			
		Alginic acid	400	GMP	256			
		Ammonium	403	GMP	256			
		alginate						
		Ascorbic acid,	300	GMP	256			
		L-						
		Calcium 5'-	634	GMP	256			
		ribonucleotide						
		Calcium	404	GMP	256			
		alginate						
		Calcium	302	200 mg/kg	256			
		ascorbate						
		Calcium	170(i)	GMP	256			
		carbonate						
		Calcium sulfate	516	GMP	256			
		Carob bean	410	GMP	256			
		gum						
		beta –	160a	1,000 mg/kg	211			
		Carotenes,	(ii)					
		vegetable						
		Carrageenan	407	GMP	256			
		Citric acid	330	GMP	256			
		Disodium 5'-	627	GMP	256			
		guanylate						
		Disodium 5'-	631	GMP	256			
		Inosinate						
		Disodium 5'-	635	GMP	256			
		ribonucleotide						

Cereals and cereal products								
Food	Food Category	Food Additive	INS	Recommended	Note			
Categor	Name		No	maximum level				
У								
System								
		Distarch	1412	GMP	256			
		phosphate						
		Fumaric acid	297	GMP	256			
		Gellan gum	418	GMP	256			
		Guar gum	412	GMP	256			
		Gum arabic	414	GMP	256			
		Karaya gum	416	GMP	256			
		Konjac flour	425	GMP	256			
		Lactic acid L-,	270	GMP	256			
		D-and DL-						
		Lecithins	322 (i)	GMP	256			
		Malic acid	296	GMP	256			
		Mannitol	421	GMP	256			
		Microcrystallin	460 (i)	GMP	256			
		e cellulose						
		Mono- and di-	471	GMP	256			
		glycerides of						
		fatty acids						
		Monosodium	621	GMP	256			
		L-glutamate						
		Nitrous oxide	942	GMP	256			
		Pectins	440	GMP	256			
		Phosphated	1413	GMP	256			
		distarch						
		phosphate						
		POLYSORBA		5,000 mg/kg				
		TES						
		Potassium	402	GMP	256			
		alginate						
		Potassium	501 (i)	GMP	256			

Cereals and cereal products							
Food	Food Category	Food Additive	INS	Recommended	Note		
Categor	Name		No	maximum level			
У							
System							
		carbonate					
		Potassium	508	GMP	256		
		chloride					
		Processed	407a	GMP	256		
		eucheuma					
		seaweed					
		Pullulan	1204	GMP	256		
		Salts of	470 (i)	GMP	256		
		myristic,					
		palmitic and					
		stearic acids					
		with					
		ammonia,calci					
		um,potassium					
		and sodium					
		Sodium acetate	262 (i)	GMP	256		
		Sodium	401	GMP	256		
		alginate					
		Sodium	301	200 mg/kg	256		
		ascorbate					
		Sodium	500 (i)	GMP	256		
		carbonate					
		Carboxymethyl	466	GMP	256		
		cellulose					
		Sodium	576	GMP	256		
		gluconate					
		Sodium	500	GMP	256		
		hydrogen	(ii)				
		carbonate					
		Sodium lactate	325	GMP	256		

Cereals a	nd cereal produc	ts			
Food	Food Category	Food Additive	INS	Recommended	Note
Categor	Name		No	maximum level	
y					
System					
		Tara gum	417	GMP	256
		Tragacanth	413	GMP	256
		gum			
		Xanthan gum	415	GMP	256
6.4.3	Pre-cooked	ASCORBYL		500 mg/kg	211, 10
	pastas and	ESTERS			
	noodles and	BENZOATES		1,000 mg/kg	13
	like products	Butylated	320	200mg/kg	130, 15
		hydroxyanisole			
		(BHA)			
		Deste 1 e te 1	201	200	120 15
		Butylated	321	200mg/kg	130, 15
		hydroxytoluene			
		(BHT)			
		CAROTENOI		1,200 mg/kg	153
		DS			
		CHLOROPH		100 mg/kg	153
		YLLS AND			
		CHLOROPY			
		LLINS,			
		COPPER			
		COMPLEXES			
		Canthaxanthin	161g	15 mg/kg	153
		Caramel III -	150c	50,000 mg/kg	153,173
		Ammonia			
		carmel			
		Caramel IV-	150d	50,000 mg/kg	153
		Sulfite			
		ammonia			
		carmel			

Cereals a	nd cereal product	ts			
Food	Food Category	Food Additive	INS	Recommended	Note
Categor	Name		No	maximum level	
У					
System					
		beta –	160a(i	1,000 mg/kg	153
		Carotenes ,	i)		
		vegetable			
		Cyclodextrin,	459	1,000 mg/kg	153
		beta			
		Diacetyl	472e	10,000 mg/kg	
		tartaric acid			
		and fatty acid			
		esters of			
		glycerol			
		Fast green FCF	143	100 mg/kg	194
		PHOSPHATE		2,500 mg/kg	33,211
		S			
		POLYSORBA		5,000 mg/kg	
		TES			
		Polydimethylsil	900a	50 mg/kg	153
		oxane			
		Propyl gallate	310	200 mg/kg	
		Propylene	477	5,000 mg/kg	153,2
		glycol esters of			
		fatty acids			
		RIBOFLAVI		300 mg/kg	153
		NS			
		SORBATES		2,000 mg/kg	42,211
		SULFITES		20 mg/kg	44
		Sunset yellow FCF	110	100 mg/kg	153
		Tertiary	319	200 mg/kg	130,15
		butylhydroquin			
		one (TBHQ)			

Cereals a	nd cereal product	ts			
Food	Food Category	Food Additive	INS	Recommended	Note
Categor	Name		No	maximum level	
У					
System					
		Paprika	160c(i	GMP	
		oleoresin	)		
		Annatto	160b(i	GMP	
			),(ii)		
		Tartaric acid	334	GMP	
6.5	Cereals/pulses	ASCORBYL		500 mg/kg	10, 2
	and starch	ESTERS			
	based desserts	Acesulfame	950	350 mg/kg	188
		potassium			
		Allura red AC	129	100 mg/kg	
		Aspartame	951	200 mg/kg	191
		BENZOATES		1,000 mg/kg	13
		CAROTENOI		150 mg/kg	
		DS			
		CHLOROPH		75 mg/kg	
		YLLS AND			
		CHLOROPH			
		YLLINS,			
		COPPER			
		COMPLEXES			
		Canthaxanthin	161g	15 mg/kg	
		Caramel III -	150c	50,000 mg/kg	
		ammonia			
		caramel			
		Caramel IV -	150d	2,500 mg/kg	
		sulfite			
		ammonia			
		caramel			
		beta-Carotenes,	160a(i	1,000 mg/kg	
		vegetable	i)		

Cereals a	nd cereal product	ts			
Food	Food Category	Food Additive	INS	Recommended	Note
Categor	Name		No	maximum level	
y					
System					
		Diacetyl	472e	5,000 mg/kg	
		tartaric and			
		fatty acid esters			
		of glycerol			
		ETHYLENE		315 mg/kg	21
		DIAMINE			
		TETRA			
		ACETATES			
		Grape skin	163(ii)	200 mg/kg	181
		extract			
		IRON		75 mg/kg	
		OXIDES			
		Lauric arginate	243	200 mg/kg	
		ethyl ester			
		Neotame	961	33 mg/kg	
		Nisin	234	3 mg/kg	
		PHOSPHATE		7,000 mg/kg	33
		S			
		POLYSORBA		3,000 mg/kg	
		TES			
		Propyl gallate	310	90 mg/kg	2, 15
		Propylene	477	40,000 mg/kg	
		glycol esters of			
		fatty acids			
		RIBOFLAVI		300 mg/kg	
		NS			
		SACCHARIN		100 mg/kg	
		S			
		SORBATES		1,000 mg/kg	42
		Steviol	960	165 mg/kg	26

Cereals a	Cereals and cereal products							
Food	Food Category	Food Additive	INS	Recommended	Note			
Categor	Name		No	maximum level				
У								
System								
		glycosides						
		Sucralose	955	400 mg/kg				
		(Trichlorogalac						
		tosucrose)						
		Sucroglyceride	474	5,000 mg/kg				
		8						
		Tocopherol	307	GMP				
		TBHQ	319	200 mg/kg				
		<sup>52</sup> [Sodium	466,	5 g/kg				
		carboxymethyl	469					
		cellulose						
		(Cellulose						
		gum), Sodium						
		carboxymethyl						
		cellulose,						
		enzymatically						
		hydrolysed						
		(Cellulose						
		gum,						
		enzymatically						
		hydrolyzed)]						
		Ponceau 4R	124	100 mg/kg				
		Carmoisine	122	100 mg/kg				
		Erythrosine	127	50 mg/kg				
		Tartrazine	102	100 mg/kg				
		Indogotine	132	100 mg/kg				
		(Indigo						
		carmine)						
		Brilliant blue	133	100 mg/kg				
		FCF						

Cereals a	nd cereal produc	ts			
Food	Food Category	Food Additive	INS	Recommended	Note
Categor	Name		No	maximum level	
у					
System					
		Sunset yellow	110	100 mg/kg	
		FCF			
		Fast green FCF	<sup>52</sup> [143	100 mg/kg	
			]		
6.6	Batters	Butylated	320	200 mg/kg	Only for
		hydroxyanisole			vada dry
		(BHA)			mixes
		CAROTENOI		500 mg/kg	
		DS			
		Caramel III -	150c	50,000 mg/kg	
		ammonia			
		caramel			
		Caramel IV -	150d	2,500 mg/kg	
		sulfite			
		ammonia			
		caramel			
		beta-Carotenes,	160a(i	1,000 mg/kg	
		vegetable	i)		
		Diacetyl	472e	5,000 mg/kg	
		tartaric and			
		fatty acid esters			
		of glycerol			
		PHOSPHATE		5,600 mg/kg	33
		S			
		POLYSORBA		5,000 mg/kg	2
		TES			
		Polydimethylsil	900a	10 mg/kg	
		oxane			
		RIBOFLAVI		300 mg/kg	
		NS			

Table 6

Cereals a	nd cereal product	ts			
Food	Food Category	Food Additive	INS	Recommended	Note
Categor	Name		No	maximum level	
У					
System					
		SODIUM		1,000 mg/kg	6
		ALUMINIUM			
		PHOSPHATE			
		S			
		SORBATES		2,000 mg/kg	42
		Tartaric acid	334	<sup>52</sup> [GMP]	
6.7	Pre-cooked or	Caramel III -	150c	50,000 mg/kg	
	processed	ammonia			
	cereal/grain/le	caramel			
	gume products	Caramel IV -	150d	2,500 mg/kg	
		sulfite			
		ammonia			
		caramel			
		Sucralose	955	200 mg/kg	72
		(Trichlorogalac			
		tosucrose)			
6.8	Soybean				
	products				
	(excluding				
	soybean-based				
	seasonings and				
	condiments of				
	food category				
	12.9)				
6.8.1	Soybean based	Caramel III -	150c	1,500 mg/kg	
	beverages	ammonia			
		caramel			
		PHOSPHATE		1,300 mg/kg	33
		S			
		RIBOFLAVI		50 mg/kg	

Cereals a	nd cereal product	ts			
Food	Food Category	Food Additive	INS	Recommended	Note
Categor	Name		No	maximum level	
У					
System					
		NS			
		Steviol	960	200 mg/kg	26
		glycosides			
		Sucralose	955	400 mg/kg	
		(Trichlorogalac			
		tosucrose)			
6.8.2	Soybean-based				
	beverage film				
6.8.3	Soybean curd	PHOSPHATE		100 mg/kg	33
	(tofu)	S			
6.8.4	Semi-				
	dehydrated				
	soybean curd				
6.8.4.1	Thick gravy-				
	stewed semi-				
	dehydrated				
6.8.4.2	soybean curd Deep fried				
0.0.4.2	semi-				
	dehydrated				
	soybean curd				
6.8.4.3	Semi-				
	dehydrated				
	soybean curd,				
	other than				
	food categories				
	6.8.4.1 and				
	6.8.4.2				
6.8.5	Dehydrated				
	soybean curd				

Cereals a	nd cereal product	ts			
Food	Food Category	Food Additive	INS	Recommended	Note
Categor	Name		No	maximum level	
У					
System					
6.8.6	Fermented				
	soybeans				
6.8.7	Fermented				
	soybean curd				
6.8.8	Other soybean	Caramel III	150c	20,000 mg/kg	
	protein	Ammonia			
	products	process			
		Caramel IV -	150d	20,000 mg/kg	
		Sulfite			
		ammonia			
		Process			

#### Table 7

Bakery	products				
Food Categ ory Syste m	Food Category Name	Food Additive	INS No	Recommended maximum level	Note
7.0	Bakery products	ASCORBYL ESTERS		1,000 mg/kg	15,10
		Benzoic acid	210	1,000 mg/kg	13
		Butylated hydroxyanisole (BHA)	320	200mg/kg	180, 15
		Butylated hydroxytoluene (BHT)	321	200mg/kg	180, 15
		Carnauba wax	903	GMP	3

Bakery	products				
Food	Food	Food Additive	INS	Recommended	Note
Categ	Category		No	maximum level	
ory	Name				
Syste					
m					
		Fast green FCF	143	100 mg/kg	
		Mineral oil,	905d	3,000 mg/kg	125
		high viscosity			
		Propylene	477	15,000 mg/kg	72, 11
		glycol esters of			
		fatty acids			
		SORBATES		1,000 mg/kg	42
7.1	Bread and	Acesulfame	950	1,000 mg/kg	188
	ordinary	potassium			
	bakery wares	Aspartame	951	4,000 mg/kg	191
	and mixes	Ammonium	923	2,500 mg/kg	
		persulfate			
		Brilliant blue	133	100 mg/kg	
		FCF			
		Diacetyltartaric	472e	6,000 mg/kg	
		and fatty acid			
		esters of			
		glycerol			
		Neotame	961	70 mg/kg	
		Sucralose	955	650 mg/kg	
		(Trichlorogalac			
		tosucrose)			
		Tartaric acid	334	GMP	
		Sucrose esters	473	GMP	
		of			
		fatty acid			
		Sodium	481(i),	5,000 mg/kg	Singly or
		stearoyl-2-			in
		lactylate			combinati

Table 7

Bakery	products				
Food	Food	Food Additive	INS	Recommended	Note
Categ	Category		No	maximum level	
ory	Name				
Syste					
m					
		Calcium	482(ii)	5,000 mg/kg	on
		stearoyl-2-			
		lactyalate			
		Polyglycerol	476	2,000 mg/kg	
		esters of			
		interesterified			
		ricinoleic acid			
		Acid calcium	341	10,000 mg/kg	
		phosphate		-,	
		Sodium	262 (ii)	4,000 mg/kg	
		diacetate			
		Acid sodium	450 (i)	5,000 mg/kg	
		pyrophosphate			
		L- Cysteine	920	90 mg/kg	
		monohydrochlo			
		ride			
		Curcumin	100	GMP	
		Benzoyl	928	80 mg/kg	
		peroxide			
		Acid calcium	341	10,000 mg/kg	
		phosphate			
7.1.1	Bread and	Mineral oil,	905e	3,000 mg/kg	36, 126
	rolls including	medium			
	yeast leavened	viscosity			
	breads,	Xylanase		GMP	Only for
	specialty				breads,
	breads and				FS03
	soda breads	POLYSORBA		3,000 mg/kg	
		TES			

Bakery	products				
Food Categ ory Syste	Food Category Name	Food Additive	INS No	Recommended maximum level	Note
m					
		Tertiary butylhydroquin one (TBHQ)	319	200 mg/kg	195, 15
		PHOSPHATE S		9,300 mg/kg	229,33
		<sup>82</sup> [Propylene glycol alginate	405	4,000 mg/kg	Except for use in soda breads]
7.1.2	Crackers	Allura red AC	129	100 mg/kg	
		Aluminium ammonium sulfate	523	100 mg/kg	246, 6
		CAROTENOI DS		1,000 mg/kg	
		Caramel III - ammonia caramel	150c	50,000 mg/kg	
		Caramel IV – sulfite ammonia caramel	150d	50,000 mg/kg	
		beta-Carotenes, vegetable	160a(ii )	1,000 mg/kg	
		Grape skin extract	163(ii)	200 mg/kg	181
		PHOSPHATE S		9,300 mg/kg	229,33
		POLYSORBA		5,000 mg/kg	11

Table 7

Table / Bakery	products				
Food	Food	Food Additive	INS	Recommended	Note
Categ	Category	roou Auunive	No	maximum level	INULE
-	Name		INU	maximum ievei	
ory Syste	INAILIE				
Syste					
m		TES			
				100 mg/ltg	246.6
		SODIUM ALUMINIUM		100 mg/kg	246, 6
		PHOSPHATE			
		S	210	200	15 105
		Tertiary	319	200 mg/kg	15, 195
		butylhydroquin			
		one (TBHQ)		10.000 //	117
		<sup>70</sup> [SORBITAN		10,000 mg/kg	11]
		ESTERS OF			
		FATTY			
		ACIDS	40 7		
		<sup>82</sup> [Propylene	405	2,000 mg/kg]	
		glycol alginate			
7.1.3	Other	Allura red AC	129	100 mg/kg	
	ordinary	Aluminium	523	100 mg/kg	6, 244,
	bakery	ammonium			246
	products	sulfate			
		CAROTENOI		100 mg/kg	
		DS			
		Caramel III -	150c	50,000 mg/kg	
		ammonia			
		caramel			
		Caramel IV –	150d	50,000 mg/kg	
		sulfite			
		ammonia			
		caramel			
		PHOSPHATE		9,300 mg/kg	229,33
		S			

Bakerv	products				
Food Categ ory Syste	Food Category Name	Food Additive	INS No	Recommended maximum level	Note
m					
		POLYSORBA TES		3,000 mg/kg	11
		Propyl gallate	310	100 mg/kg	15, 130
		SODIUM ALUMINIUM PHOSPHATE S		100 mg/kg	6, 244, 246
		Tertiary butylhydroquin one (TBHQ)	319	200 mg/kg	15, 130
		<sup>70</sup> [SORBITAN ESTERS OF FATTY ACIDS		10,000 mg/kg	11]
7.1.4	Bread-type products,	CAROTENOI DS		200 mg/kg	116
	including bread stuffing and bread crumbs	CHLOROPH YLLS AND CHLOROPH YLLINS, COPPER COMPLEXES		6 mg/kg	62
		Caramel III - ammonia caramel	150c	50,000 mg/kg	
		beta-Carotenes, vegetable	160a(ii )	1,000 mg/kg	
		Grape skin extract	163(ii)	200 mg/kg	181

Bakerv	products				
Food Categ ory Syste	Food Category Name	Food Additive	INS No	Recommended maximum level	Note
m					
		PHOSPHATE S		9,300 mg/kg	<sup>52</sup> [229,33]
		POLYSORBA TES		3,000 mg/kg	11
		<sup>52</sup> [Poly glycerol esters of fatty acid	475	10,000 mg/kg]	
		Tertiary butylhydroquin one (TBHQ)	319	200 mg/kg	15, 195
		<sup>70</sup> [SORBITAN ESTERS OF FATTY ACIDS		10,000 mg/kg	11]
7.1.5	Steamed breads buns	and Aluminium sulfate	523	40 mg/kg	246, 6, 248
		CAROTENOI DS		100 mg/kg	216
		Caramel III - ammonia caramel	150c	50,000 mg/kg	
		PHOSPHATE S		9,300 mg/kg	229,33
		POLYSORBA TES		3,000 mg/kg	11
		Propylene glycol esters of fatty acids	477	15,000 mg/kg	11, 72

Table 7	
---------	--

Bakery	products				
Food Categ ory Syste	Food Category Name	Food Additive	INS No	Recommended maximum level	Note
m		SODIUM ALUMINIUM PHOSPHATE S		40 mg/kg	246, 6, 248
		<sup>70</sup> [SORBITAN ESTERS OF FATTY ACIDS		10,000 mg/kg	11]
		<sup>82</sup> [Propylene glycol alginate	405	500 mg/kg]	
7.1.6	Mixes for bread and ordinary	Aluminium ammonium sulfate	523	40 mg/kg	246, 6, 249
	bakery wares	Caramel III - ammonia caramel	150c	50,000 mg/kg	
		PHOSPHATE S		9,300 mg/kg	229,33
		POLYSORBA TES		3,000 mg/kg	11
		SODIUM ALUMINIUM PHOSPHATE S		40 mg/kg	248, 246, 6
		<sup>70</sup> [SORBITAN ESTERS OF FATTY ACIDS		10,000 mg/kg	11]

Table 7

Bakery	products				
Food	Food	Food Additive	INS	Recommended	Note
Categ	Category		No	maximum level	
ory	Name				
Syste					
m					
		<sup>82</sup> [Propylene	405	20,000 mg/kg	11]
		glycol alginate			
7.2	Fine bakery	<sup>52</sup> [STEAROY		5,000 mg/kg	
	wares (sweet,	L			
	salty, savoury)	LACTYLATE			
	and mixes	S			
		SORBITAN		10,000 mg/kg	
		ESTERS OF			
		FATTY			
		ACIDS			
		Nisin	234	6.25 mg/kg	233
		POLYOXYET		3,000 mg/kg	
		HYLENE			
		STEARATES			
		Propylene	1520	1,500 mg/kg	
		glycol			
		Sucrose	473a	10,000 mg/kg	348
		oligoesters,			
		Type I and			
		Type II			
		Ponceau 4R	124	50 mg/kg	
		Sunset yellow	110	50 mg/kg]	
		FCF			
7.2.1	Cakes,	Acesulfame	950	1,000 mg/kg	165,188
	cookies,	potassium			
	biscuit,	Allura red AC	129	100 mg/kg	
	cracker and	Aspartame	951	1,700 mg/kg	191,165
		•			

Bakery	products				
Food Categ ory Syste	Food Category Name	Food Additive	INS No	Recommended maximum level	Note
m	pies	Aspartame- acesulfame salt BENZOATES	962	1,000 mg/kg	77, 113
		Beeswax Brilliant blue FCF	901 133	GMP 100 mg/kg	3
		CAROTENOI DS		100 mg/kg	
		CHLOROPH YLLS AND CHLOROPH YLLINS, COPPER COMPLEXES		75 mg/kg	
		Candelilla wax Caramel III - ammonia caramel	902 150c	GMP 50,000 mg/kg	3
		Caramel IV – sulfite ammonia caramel	150d	1,200 mg/kg	
		beta-Carotenes, vegetable Diacetyltartaric and fatty acid esters of glycerol	160a(ii ) 472e	1,000 mg/kg 20,000 mg/kg	

Table 7

	products		TNC		
Food Categ ory Syste	Food Category Name	Food Additive	INS No	Recommended maximum level	Note
<u>m</u>		HYDROXYB ENZOATES, PARA-		300 mg/kg	27
		IRON OXIDES		100 mg/kg	-
		Indigotine (Indigo carmine)	132	100 mg/kg	
		Neotame	961	80 mg/kg	165
		PHOSPHATE S		9,300 mg/kg	229,33
		<sup>52</sup> [omit		]	
		RIBOFLAVI NS		300 mg/kg	
		SACCHARIN S		170 mg/kg	165
		SULFITES		50 mg/kg	44
		Shellac, bleached	904	GMP	3
		Sucralose (Trichlorogalac tosucrose)	955	700 mg/kg	165
		Sucroglyceride s	474	10,000 mg/kg	
		<sup>52</sup> [Omit		]	
		Sucrose esters of Fatty acids	473	GMP	
		Tartaric acid	334	GMP	
		Benzoyl	928	40 mg/kg	

Bakery products								
Food	Food		Food Additive	INS	Recommended	Note		
Categ	Category			No	maximum level			
ory	Name			2.10				
Syste								
m								
			peroxide					
			Curcurmin	100(i)	GMP			
			Canthaxanthin	161g	GMP			
			Annatto	160(b)	GMP			
			Carmoisine	122	100 mg/kg			
			Erythrosine	127	50 mg/kg			
			POLYSORBA	127	3,000 mg/kg			
			TES					
			Tartarazine	102	100 mg/kg			
			<sup>69</sup> [****]	102				
			<sup>52</sup> [Poly glycerol	475	10,000 mg/kg			
			esters of fatty		10,000 112/122			
			acid					
			TOCOPHERO		200 mg/kg	389		
			LS					
			TARTRATES		5,000 mg/kg	45		
			Propylene	405	3,000 mg/kg]			
			glycol alginates					
7.2.2	Other	fine	Acesulfame	950	1,000 mg/kg	165,188		
	bakery		potassium					
	products		Allura red AC	129	100 mg/kg			
			Aspartame	951	1,700 mg/kg	191,165		
			Aspartame-	962	1,000 mg/kg	77,113		
			acesulfame salt					
			BENZOATES		1,000 mg/kg	13		
			Beeswax	901	GMP	3		
			Brilliant blue	133	200 mg/kg			
			FCF					
			CAROTENOI		100 mg/kg			

Table 7

Bakery	products				
Food Categ ory Syste	Food Category Name	Food Additive	INS No	Recommended maximum level	Note
m					
		DS			
		CHLOROPH		75 mg/kg	
		YLLS AND			
		CHLOROPH			
		YLLINS, COPPER			
		COMPLEXES			
		Candelilla wax	902	GMP	3
		Caramel III - ammonia	150c	50,000 mg/kg	
		caramel			
		Caramel IV –	150d	1,200 mg/kg	
		sulfite			
		ammonia			
		caramel			
		POLYSORBA		3,000 mg/kg	
		TES			
		<sup>52</sup> [omit		]	
		beta-Carotenes, vegetable	160a(ii )	1,000 mg/kg	
		Diacetyltartaric and fatty acid esters of	472e	20,000 mg/kg	
		glycerol			
		HYDROXYB		300 mg/kg	27
		ENZOATES,			
		PARA-		100 /	
		IRON OXIDES		100 mg/kg	

Bakery	products				
Food Categ ory Syste	Food Category Name	Food Additive	INS No	Recommended maximum level	Note
m		Indigotine (Indigo carmine)	132	200 mg/kg	
		Neotame	961	80 mg/kg	165
		PHOSPHATE S		9,300 mg/kg	229, 33
		<sup>52</sup> [Omit		]	
		RIBOFLAVI NS		300 mg/kg	
		SACCHARIN S		170 mg/kg	165
		SULFITES		50 mg/kg	44
		Shellac, bleached	904	GMP	3
		Sucralose	955	700 mg/kg	165
		Sucroglyceride s	474	10,000 mg/kg	
		<sup>52</sup> [Poly glycerol esters of fatty acid	475	10,000 mg/kg]	
		<sup>82</sup> [Propylene glycol alginate	405	2000 mg/kg]	
7.2.3	Mixes for fine bakery wares	Acesulfame potassium	950	1,000 mg/kg	165,188
		Allura red AC	129	100 mg/kg	
		Aspartame	951	1,700 mg/kg	191,165
		Aspartame- acesulfame salt	962	1,000 mg/kg	77,113
		Beeswax	901	GMP	3

Table 7

Bakery	products				
Food Categ ory Syste	Food Category Name	Food Additive	INS No	Recommended maximum level	Note
m		Brilliant blue FCF	133	200 mg/kg	
		CAROTENOI DS		100 mg/kg	
		CHLOROPH YLLS AND CHLOROPH YLLINS, COPPER COMPLEXES		75 mg/kg	
		Candelilla wax	902	GMP	3
		Caramel III - ammonia caramel	150c	50,000 mg/kg	
		Caramel IV – sulfite ammonia caramel	150d	1,200 mg/kg	
		beta-Carotenes, vegetable	160a(ii )	1,000 mg/kg	
		Diacetyltartaric and fatty acid esters of glycerol	472e	20,000 mg/kg	
		HYDROXYB ENZOATES, PARA-		300 mg/kg	27
		IRON OXIDES		100 mg/kg	

Bakery products									
Food	Food	Food Additive	INS	Recommended	Note				
Categ	Category		No	maximum level					
ory	Name								
Syste									
m									
		Indigotine	132	200 mg/kg					
		(Indigo							
		carmine)							
		Neotame	961	80 mg/kg	165,				
		PHOSPHATE		9,300 mg/kg	229,33				
		S							
		<sup>52</sup> [omit		]					
		Propyl gallate	310	200 mg/kg	196,15				
		RIBOFLAVI		300 mg/kg					
		NS							
		SACCHARIN		170 mg/kg	165				
		S							
		SULFITES		50 mg/kg	44				
		Shellac,	904	GMP	3				
		bleached							
		Sucralose	955	700 mg/kg	165				
		(Trichlorogalac							
		tosucrose)							
		Sucroglyceride	474	10,000 mg/kg					
		S							
		POLYSORBA		3,000 mg/kg					
		TES							
		<sup>52</sup> [Poly glycerol	475	15,000 mg/kg	11]				
		esters of fatty							
		acid							
		<sup>82</sup> [Propylene	405	10,000 mg/kg	11]				
		glycol alginate							

Table 8

Meat and	meat products i	ncluding poultry			
Food	Food	Food Additive	INS	Recommended	Note
Category	Category		No	Maximum	
System	Name			Level	
8.0	Fresh / frozen				
	/ chilled /				
	ground meat,				
	poultry				
	(frozen				
	mutton,				
	chicken, goat				
	and				
	buffalomeat)				
8.1	Fresh / frozen				
	/ chilled /	No additives permi			
	ground meat				
	and poultry				
8.1.1	Fresh / frozen				
	/ chilled meat,	No additives permi			
	poultry,				
	whole pieces				
	or cuts				
8.1.2	Fresh / frozen				
	/ chilled meat,	No additives permi			
	poultry,				
	comminuted				
8.2	Processed	Paprika oleoresin	160c(i	GMP	
	meat and		)		
	poultry	POLYSORBAT		5,000 mg/kg	XS97,
	products in				XS96
	whole pieces	Propyl gallate	310	200 mg/kg	XS97,
	or cuts				XS96,
					130, 15
		Tertiary	319	100 mg/kg	XS97,
		butylhydroquinon			XS96,15,

Table 8

Meat and	meat product	ts including poultry	•		
Food Category	Food Category	Food Additive	INS No	Recommended Maximum	Note
System	Name			Level	
		e (TBHQ)			167,130
		Brilliant Blue FCF	133	100 mg/kg	XS97, XS96, 4, XS98, XS89
		Butylated hydroxyanisole (BHA)	320	200mg/kg	15, 130, XS96, XS97
		Butylated hydroxytoluene (BHT)	321	100mg/kg	15, 130, 167, XS96, XS97
		Caramel III - ammonia caramel	150c	GMP	XS97, XS96,X S98, XS89, 4, 3
		Caramel IV – sulfite ammonia caramel	150d	GMP	XS97, XS96,X S98, XS89, 4, 3
		beta-Carotenes, vegetable	160a(ii )	5,000 mg/kg	XS97, XS96,
		Erythrosine	127	30 mg/kg	XS97, XS96, 4
		Fast green FCF	143	100 mg/kg	XS97, XS96, 3, 4

Table 8

Table 8Meat and	meat products i	ncluding poultry			
Food	Food	Food Additive	INS	Recommended	Note
Category	Category		No	Maximum	
System	Name			Level	
		RIBOFLAVINS		300 mg/kg	XS96
					XS97
		Sunset yellow	110	100 mg/kg	XS 97,
		FCF			XS 96
8.2.1	Non-heat	PHOSPHATES		2,200 mg/kg	33
	treated				
	processed	Grape skin	163(ii)	5,000 mg/kg	XS96,
	meat and	extract			XS97
	poultry				
	products in				
	whole pieces				
	or cuts				
8.2.1.1	Cured				
	(including				
	salted) non-				
	heat treated				
	processed				
	meat and				
	poultry				
	products in				
	whole pieces				
	or cuts				
8.2.1.2	Cured	BENZOATES		1,000 mg/kg	3, 13
	(including				
	salted) and				
	dried processed	Terring and a first	294	200	
	meat and	Isopropyl citrates	384	200 mg/kg	
	poultry	Natamycin (Pimaricin)	235	6 mg/kg	
	products in				
	whole pieces				
	or cuts				

Table	8
-------	---

Meat and	meat products i	ncluding poultry			
Food	Food	Food Additive	INS	Recommended	Note
Category	Category		No	Maximum	
System	Name			Level	
8.2.1.3	Fermented non-heated treated	Sucroglycerides	474	5,000 mg/kg	
	processed meat and poultry products in whole pieces or cuts	NITRITES		80 mg/kg	32,288
8.2.2	Heat-treated processed	Added colour, fla not permitted.	vour and	l meat tenderizer	
	meat and poultryprodu cts in whole pieces or cuts	Nisin	234	25 mg/kg	330, XS97, XS96, 233
	(canned	NITRITES		80 mg/kg	32, 288
	chicken,	PHOSPHATES		2,200 mg/kg	33
	canned mutton and goat meat)	SACCHARINS		500 mg/kg	XS97, XS96
	goat meat)	Sucroglycerides	474	5,000 mg/kg	XS97, XS96, 15
		<sup>52</sup> [TOCOPHER OLS		500 mg/kg	XS 96, XS 97]
8.2.3	<sup>77</sup> [Frozen raw, flavoured/mari		905d	950 mg/kg	3
	nated, processed meat and poultry products in whole pieces or cuts]	PHOSPHATES		2,200 mg/kg	33]
<sup>52</sup> [8.3	Processed comminuted	Brilliant blue FCF	133	100 mg/kg	XS96, XS89, XS98,

Table 8

Meat and	meat prod	ucts i	ncluding poultry			
Food	Food		Food Additive	INS	Recommended	Note
Category	Category			No	Maximum	
System	Name				Level	
	meat poultry	and				XS97, 4, 16
	products		Butylatedhydrox yanisole (BHA)	320	200mg/kg	XS89, XS98, 130, 15
			Butylatedhydrox ytoluene (BHT)	321	100mg/kg	XS89, XS98, 15, 130, 162
			Caramel III - ammonia caramel	150c	GMP	XS89, XS98 XS96, XS97, 3, 4,16
			Caramel IV - sulfite ammonia caramel	150d	GMP	XS89, XS98, XS96, XS97, 3, 4,16
			Erythrosine	127	30 mg/kg	4,290
			Grape skin extract	163(ii)	5,000 mg/kg	XS89, XS98,16
			NITRITES		80 mg/kg	286, 32
			Paprika oleoresin	160c(i	GMP	
			PHOSPHATES		2,200 mg/kg	33, 302
			POLYSORBAT ES		5,000 mg/kg	XS89, XS98
			RIBOFLAVINS		1,000 mg/kg	XS96, XS97, 16
			Propyl gallate	310	200 mg/kg	XS89, XS98, 15, 130
			Propylene glycol alginate	405	3,000 mg/kg	XS89, XS98
			SORBATES		1,500 mg/kg	XS89,

Table 8

Meat and	meat products i	ncluding poultry			
Food	Food	Food Additive	INS	Recommended	Note
Category	Category		No	Maximum	
System	Name			Level	
					XS98, 42
		Sodium diacetate	262(ii)	1,000 mg/kg	XS89, XS98
		TOCOPHEROL S		500 mg/kg	XS 89, XS 98
		Tertiary butylhydroquinon e (TBHQ)	319	100 mg/kg	XS 89, XS 98, 15, 130, 162]
8.3.1	Non-heat	beta-Carotenes,	160a(ii	20 mg/kg	118
	treated	vegetable	)		
	processed				
	comminuted				
	meat and				
	poultry				
	products				
8.3.1.1	Cured	Canthaxanthin	161g	100 mg/kg	118,4
	(including				
	salted) non-				
	heat treated				
	processed				
	comminuted				
	meat and				
	poultry				
	products				
8.3.1.2	Cured	Isopropyl citrate	384	200 mg/kg	
	(including	Natamycin	235	20 mg/kg	3, 81
	salted) and	(Pimaricin)			
	dried	BENZOATES		1,000 mg/kg	3,13
	processed	Sunset yellow	110	100 mg/kg	
	comminuted	FCF			
	meat and				
	poultry				

Table 8

Meat and	meat products i	ncluding poultry			
Food	Food	Food Additive	INS	Recommended	Note
Category	Category		No	Maximum	
System	Name			Level	
	products				
8.3.1.3	Fermented	Sulphur dioxide	220	450 mg/kg	Sausages
	non-heat				&
	treated				sausage
	processed				meat
	comminuted				containin
	meat and				g cereals
	poultryprodu				and
	cts				condime
					nts
8.3.2	Heat-treated	Sucroglycerides	474	5,000 mg/kg	
	processed	Brilliant blue	133	200 mg/kg	XS98,
	comminuted	FCF			XS89,
	meat and				XS97,
	poultry				XS96, 4
	products	CAROTENOID		20 mg/kg	XS98,
	(canned	S			XS 89
	cooked ham,	beta-Carotenes,		20 mg/kg	XS89,
	canned	vegetable	<sup>52</sup> [160		XS98
	luncheon		a(ii)]		
	meat, canned	ETHYLENE		35 mg/kg	XS89,
	chopped	DIAMINE			XS98, 21
	meat)	TETRA			
		ACETATES			
		(EDTA)			
		Sucroglycerides	474	5,000 mg/kg	XS89, ,
					XS98, 15
		Sunset yellow	110	200 mg/kg	XS89,
		FCF			XS98,

Table 8

Meat and	meat products i	ncluding poultry			
Food	Food	Food Additive	INS	Recommended	Note
Category	Category		No	Maximum	
System	Name			Level	
		<sup>52</sup> [TOCOPHER OLS		500 mg/kg	XS 89 , XS 98]
8.3.3	Frozen	Mineral oil, high	905d	950 mg/kg	3
	processed	viscosity			
	comminuted	Brilliant blue	133	200 mg/kg	100
	meat and	FCF			mg/kg in
	poultry				other
	products				than
	-				cooked.
					XS89,
					XS98
					XS97,
					XS96, 4
		Sunset yellow	110	200 mg/kg	100
		FCF			mg/kg in
					other
					than
					cooked.
					XS89,
					XS98
8.4	Edible	Paprika oleoresin	160c(i	GMP	
	casings	1	)		
		ASCORBYL ESTERS		5,000 mg/kg	10
		Brilliant blue	133	100 mg/kg	XS98,
		FCF			XS89,
					XS97,
					XS96, 4
		CAROTENOID		100 mg/kg	XS98,
		S			XS 89
		Fast green FCF	143	100 mg/kg	3

Table	8
-------	---

Meat and	meat products	including poultry			
Food	Food	Food Additive	INS	Recommended	Note
Category	Category		No	Maximum	
System	Name			Level	
		Grape skin	163	5,000 mg/kg	
		extract	(ii)		
		HYDROXYBE		36 mg/kg	27
		NZOATES,			
		PARA-			
		<b>IRON OXIDES</b>		1,000 mg/kg	72
		PHOSPHATES		1,100 mg/kg	33
		POLYSORBAT		1,500 mg/kg	XS97,
		ES			XS96

Fish and	fish products, inc	luding molluscs	, crustacea	ans, and echinod	lerms
Food	Food	Food	INS No	Recommende	Note
Categor	Category	Additive		d Maximum	
У	Name			Level	
System					
9.0	Fish and fish				
	products,				
	including				
	molluscs,				
	crustaceans,				
	and				
	echinoderms				
9.1	Fresh fish and			•	
	fish products,				
	including	No additives per	rmitted		
	molluscs,				
	crustaceans,				
	and				
	echinoderms				
9.1.1	Fresh fish	No additives per	rmitted		
9.1.2	Fresh	SULFITES		100mg/kg	44
	molluscs,				
	crustaceans,				
	and				
	echinoderms				
9.2	Processed fish	Acesulfame	950	200 mg/kg	144 , 188
	and fish	potassium			
	products,	Aspartame	951	300 mg/kg	144 , 191
	including	CAROTENO		100 mg/kg	95
	molluscs,	IDS			
	crustaceans,	Caramel III -	150c	30,000 mg/kg	
	and	ammonia			
	echinoderms	caramel			
		Caramel IV –	150d	30,000 mg/kg	95
		sulfite			

Table 9

	fish products, inc	2	-	,	
Food	Food	Food	INS No	Recommende	Note
Categor	Category	Additive		d Maximum	
У	Name			Level	
System					
		ammonia			
		caramel			
9.2.1	Frozen fish,	ASCORBYL		1,000 mg/kg	10
	fish fillets, and	ESTERS			
	fish products,	Ascorbic acid	300	GMP	
	including				
	molluscs,				
	crustaceans,				
	and				
	echinoderms(f	Butylated	320	200mg/kg	15, 180
	rozen shrimps	hydroxyanisol			
	or prawns,	e (BHA)			
	frozen	D	201	200	15 100
	lobsters,frozen	Butylated	321	200mg/kg	15, 180
	squid , frozen	hydroxytoluen			
	fin fish and	e (BHT)			
	frozen fish	Calcium	170(i)	GMP	95
	fillets)	carbonate			
	mewy	Canthaxanthin	161g	35 mg/kg	95
		Citric acid	330	GMP	61,257
			550		
		ETHYLENE		75 mg/kg	21
		DIAMINE			
		TETRA			
		ACETATES			
		(EDTA)			
		PHOSPHAT		2,200 mg/kg	33
		ES			
		RIBOFLAVI		300 mg/kg	95
		NS			
		SULFITES		100 mg/kg	44 ,139

Food	Food	Food	INS No	Recommende	Note
Categor	Category	Additive		d Maximum	11010
y	Name	munite		Level	
y System	1 vanie				
<i>ystem</i>		Sodium	331(i)	GMP	61
		dihydrogen	551(1)	Om	01
		citrate			
		Tripotassium	332(ii)	GMP	61
		citrate			
		Acetylated	1414	GMP	29
		distarch			
		phosphate			
		Agar	406	GMP	3, 53, 29
		Alginic acid	400	GMP	29
		Ammonium	403	GMP	29
		alginate			
		Calcium	404	GMP	29
		alginate			
		Carob bean	410	GMP	37
		gum			
		Carrageenan	407	GMP	37
		Citric and	472c	GMP	29
		fatty acid			
		esters of			
		glycerol			
		Dextrins,	1400	GMP	3, 53, 29
		roasted starch			
		Gellan gum	418	GMP	29
		Guar gum	412	GMP	37,73
		Gum arabic	414	GMP	29
		(acacia gum)			
		Hydroxypropy	463	GMP	29
		1 cellulose			
		Hydroxypropy	464	GMP	29

	_ ·	including molluscs			
Food	Food	Food	INS No	Recommende	Note
Categor	Category	Additive		d Maximum	
y System	Name			Level	
		l methyl cellulose			
		Hydroxypropy 1 starch	1440	GMP	29
		Acetic and fatty acid esters of glycero	472a	GMP	29
		Karaya gum	416	GMP	29
		Lactic and fatty acid esters of glycerol	472b	GMP	29
		Lecithins	322(i), (ii)	GMP	29
		Magnesium chloride	511	GMP	29
		Mannitol	421	GMP	29
		Methyl cellulose	461	GMP	37
		Methyl ethyl cellulose	465	GMP	29
		Oxidized starch	1404	GMP	29
		Pectins	440	GMP	16,37
		Polydextroses	1200	GMP	29
		Potassium alginate	402	GMP	29
		Potassium chloride	508	GMP	29

Fish and	fish products,	including molluscs	, crustace	ans, and echinod	lerms
Food	Food	Food	INS No	Recommende	Note
Categor	Category	Additive		d Maximum	
У	Name			Level	
System					
		Potassium	332(i)	GMP	61
		dihydrogen			
		citrate			
		Powdered	460(ii)	GMP	29
		cellulose			
		Processed	407a	GMP	37
		eucheumasea			
		weed			
		Salts of	470(i)	GMP	71, 29
		myristic,			
		palmitic and			
		stearic acids			
		with ammonia,			
		calcium,			
		potassium and			
		sodium			
		Trisodium	331(iii)	GMP	61
		citrate			
		Salts of oleic	470(ii)	GMP	29
		acid with			
		calcium,			
		potassium and			
		sodium			
		Sodium	401	GMP	37
		alginate			
		Carboxymethy	466	GMP	
		l cellulose			
		Tara gum	417	GMP	29,73
		Tragacanth	413	GMP	29
		gum			

Fish and	fish products, inc	luding molluscs	, crustace	ans, and echinod	lerms
Food	Food	Food	INS No	Recommende	Note
Categor	Category	Additive		d Maximum	
у	Name			Level	
System					
		Tricalcium	333(iii)	GMP	29
		citrate			
		Trisodium	331(iii)	GMP	61
		citrate			
		Xanthan gum	415	GMP	37
9.2.2	Frozen	Trisodium	331(iii)	GMP	61
	battered fish,	citrate			
	fish fillets and	ASCORBYL		1,000 mg/kg	10
	fish products,	ESTERS			
	including	Ammonium	503(i)	GMP	41
	molluscs,	carbonate			
	crustaceans,	Ascorbic acid,	300	GMP	
	and	L-			
	echinoderms	Butylated	320	200mg/kg	15, 180
		hydroxyanisol			
		e (BHA)			
		Butylated	321	200mg/kg	15, 180
		hydroxytoluen			
		e (BHT)			
		Citric acid	330	GMP	61
		ETHYLENE		75 mg/kg	21
		DIAMINE			
		TETRA			
		ACETATES			
		(EDTA)			
		Fumaric acid	297	GMP	41
		Malic acid,	296	GMP	41
		DL-			
		PHOSPHAT		2,200 mg/kg	33

Food	Food	Food	INS No	Recommende	Note
Categor	Category	Additive		d Maximum	
y	Name			Level	
System					
U		ES			
		Potassium	501(i)	GMP	41
		carbonate			
		Potassium	332(i)	GMP	61
		dihydrogen			
		citrate			
		Potassium	501(ii)	GMP	41
		hydrogen			
		carbonate			
		Sodium	500(i)	GMP	41
		carbonate			
		Sodium	331(i)	GMP	61
		dihydrogen			
		citrate			
		Sodium	365	GMP	41
		fumarates			
		Sodium	500(ii)	GMP	41
		hydrogen			
		carbonate			
		Sodium	500(iii)	GMP	41
		sesquicarbonat			
		e			
		THIODIPRO		200 mg/kg	15, 46
		PIONATES			
		Acetulated	1414	GMP	63
		Acetylated distarch	1414	UIVIE	05
		phosphate	406	CMD	20
		Agar		GMP	29
		Carob bean	410	GMP	177

Food	Food	including molluscs Food	INS No	Recommende	Note
		Additive	1112 110	d Maximum	note
Categor	Category	Auunive			
y Sustan	Name			Level	
System			407	CMD	177
		Carrageenan	407	GMP	177
		Citric and	472c	GMP	129
		fatty acid			
		esters of			
		glycerol			
		Dextrins,	1400	GMP	29
		roasted starch			
		Gellan gum	418	GMP	29
		Guar gum	412	GMP	177
		Gum arabic	414	GMP	29
		(acacia gum)			
		Hydroxypropy	463	GMP	63
		1 cellulose			
		Hydroxypropy	464	GMP	63
		1 methyl			
		cellulose			
		Hydroxypropy	1440	GMP	63
		1 starch			
		Acetic and	472a	GMP	29
		fatty acid			
		esters of			
		glycero			
		Karaya gum	416	GMP	29
		Lactic and	472b	GMP	29
		fatty acid			
		esters of			
		glycerol			
		Magnesium	511	GMP	29
		chloride	511		
		Mannitol	421	GMP	29
		Maininton	721		2)

Fish and	fish products,	including molluscs	, crustace	ans, and echinod	lerms
Food	Food	Food	INS No	Recommende	Note
Categor	Category	Additive		d Maximum	
У	Name			Level	
System					
		Methyl	461	GMP	177
		cellulose			
		Methyl ethyl	465	GMP	63
		cellulose			
		Oxidized	1404	GMP	63
		starch			
		Pectins	440	GMP	177
		Powdered	460(ii)	GMP	29
		cellulose			
		Processed	407a	GMP	177
		eucheumasea			
		weed			
		Salts of	470(i)	GMP	71
		myristic,			
		palmitic and			
		stearic acids			
		with ammonia,			
		calcium,			
		potassium and			
		sodium			
		Salts of oleic	470(ii)	GMP	29
		acid with			
		calcium,			
		potassium and			
		sodium			
		Sodium	401	GMP	210
		alginate			
		Carboxymethy	466	GMP	177
		l cellulose			
		Tara gum	417	GMP	29,73

	fish products, in	<u> </u>	-		1
Food	Food	Food	INS No	Recommende	Note
Categor	Category	Additive		d Maximum	
У	Name			Level	
System					
		Tragacanth	413	GMP	29
		gum			
		Xanthan gum	415	GMP	177
		Acetylated	1422	GMP	63
		distarch			
		adipate			
		Acid-treated	1401	GMP	63
		starch			
		Alkaline	1402	GMP	63
		treated starch			
		Hydroxypropy	1442	GMP	63
		1 distarch			
		phosphate			
		Lecithins	322(i),	GMP	63
			(ii)		
		Starch acetate	1420	GMP	63
		Monostarch	1410	GMP	63
		phosphate			
		Tripotassium	332(ii)	GMP	61
		citrate			
		Phosphated	1413	GMP	63
		distarch			
		phosphate			
9.2.3	Frozen	CHLOROPH		40 mg/kg	95
	minced and	YLLS, AND			
	creamed fish	CHLOROPH			
	products	YLLIN			
	including	COPPER			
	molluscs,	COMPLEXE			
	crustaceans,	S			

Fish and fish products, including molluscs, crustaceans, and echinoderms								
Food	Food	Food	INS No	Recommende	Note			
Categor	Category	Additive		d Maximum				
У	Name			Level				
System								
	and	Grape skin	163(ii)	GMP	95			
	echinoderms	extract						
		PHOSPHAT ES		2,200 mg/kg	33			
		Ponceau 4R	124	100 mg/kg	95			
		Sunset yellow FCF	110	100 mg/kg	95			
		Agar	406	GMP				
		Carob bean gum	410	GMP				
		Carrageenan	407	GMP				
		Dextrins, roasted starch	1400	GMP				
		Gellan gum	418	GMP				
		Guar gum	412	GMP				
		Karaya gum	416	GMP				
		Mannitol	421	GMP				
		Processed eucheumasea weed	407a	GMP				
		Sodium alginate	401	GMP				
		Tripotassium citrate	332(ii)	GMP				
		Trisodium citrate	331(iii)	GMP				
		Tara gum	417	GMP				
		Xanthan gum	415	GMP				
9.2.4	Cooked	Ascorbic acid,	300	GMP				
	and/or fried	L-						

Fish and fish products, including molluscs, crustaceans, and echinoderms         Food       Food       Note								
Food	Food	Food	INS No	Recommende	Note			
Categor	Category	Additive		d Maximum				
У	Name			Level				
System								
	fish and fish	Calcium	170(i)	GMP				
	products,	carbonate						
	including	Fumaric acid	297	GMP				
	molluscs,	Magnesium	504(i)	GMP				
	crustaceans,	carbonate						
	and	Magnesium	528	GMP				
	echinoderms	hydroxide						
		Magnesium	504(ii)	GMP				
		hydroxide						
		carbonate						
		Malic acid,	296	GMP				
		DL-						
		Potassium	332(i)	GMP				
		dihydrogen						
		citrate						
		Sodium	331(i)	GMP				
		dihydrogen						
		citrate						
		Sodium	365	GMP				
		fumarates						
		Tricalcium	333(iii)	GMP				
		citrate						
		Tripotassium	332(ii)	GMP				
		citrate						
		Trisodium	331(iii)	GMP				
		citrate						
9.2.4.1	Cooked fish		1414	GMP	241			
	and fish	-	-					
	products	phosphate						
	<b>I</b> = 0 = 0 = 0 = 0	Allura red AC	129	100 mg/kg	95			

Fish and i	fish products,	including molluscs	, crustace	ans, and echinod	lerms
Food	Food	Food	INS No	Recommende	Note
Categor	Category	Additive		d Maximum	
у	Name			Level	
System					
		Carob bean	410	GMP	241
		gum			
		Brilliant blue	133	200 mg/kg	95
		FCF			
		Dextrins,	1400	GMP	241
		roasted starch			
		Hydroxypropy	1440	GMP	241
		l starch			
		Gellan gum	418	GMP	241
		Karaya gum	416	GMP	241
		CHLOROPH		30 mg/kg	62 ,95
		YLLS, AND			
		CHLOROPH			
		YLLIN			
		COPPER			
		COMPLEXE			
		S			
		Calcium	170(i)	GMP	
		carbonate			
		Oxidized	1404	GMP	241
		starch			
		Processed	407a	GMP	241
		eucheuma			
		seaweed			
		beta-	160a(ii)	1,000 mg/kg	95
		Carotenes,			
		vegetable			
		ETHYLENE		50 mg/kg	21
		DIAMINE			
		TETRA			

Table 9

		cluding molluscs			1
Food	Food	Food	INS No	Recommende	Note
Categor	Category	Additive		d Maximum	
y c	Name			Level	
System					
		ACETATES			
		(EDTA)			
		Fast green	143	200 mg/kg	
		FCF			
		Grape skin	163(ii)	500 mg/kg	95
		extract			
		Indigotine	132	200 mg/kg	95
		(Indigo			
		carmine)			
		PHOSPHAT		2,200 mg/kg	33
		ES			
		Ponceau 4R	124	200 mg/kg	95
		RIBOFLAVI		300 mg/kg	95
		NS			
		Tragacanth	413	GMP	241
		gum			
		SACCHARI		500 mg/kg	
		NS			
		SORBATES		2,000 mg/kg	42
		Sodium	365	GMP	
		fumarate			
		Sunset yellow	110	200 mg/kg	95
		FCF			
		Xanthan gum	415	GMP	241, 327
9.2.4.2	Cooked	Allura red AC	129	100 mg/kg	
	molluscs,				
	crustaceans,	Aluminium	523	200 mg/kg	6,250
	and	ammonium			
	echinoderms	sulfate			
		BENZOATE		2,000 mg/kg	13, 82

	fish products, inc	<u> </u>	-	,	1
Food Categor y	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Note
System					
U		S			
		Brilliant blue	133	200 mg/kg	95
		FCF			
		beta-	160a(ii)	1,000 mg/kg	
		Carotenes,			
		vegetable			
		Grape skin	163(ii)	1,000 mg/kg	
		extract			
		PHOSPHAT		2,200 mg/kg	
		ES			
		Ponceau 4R	124	200 mg/kg	
		RIBOFLAVI		300 mg/kg	
		NS			
		SORBATES		2,000 mg/kg	42, 82
		SULFITES		150 mg/kg	44
		Sunset yellow	110	200 mg/kg	
		FCF			
9.2.4.3	Fried fish and	Hydroxypropy	1440	GMP	41
	fish products,	1 starch			
	including	Processed	407a	GMP	41
	molluscs,	eucheuma			
	crustaceans,	seaweed			
	and	Acetylated	1414	GMP	41
	echinoderms	distarch			
		phosphate			
		Carob bean	410	GMP	41
		gum			
		Dextrins,	1400	GMP	41
		roasted starch			
		Gellan gum	418	GMP	41

Table 9

Fish and	Fish and fish products, including molluscs, crustaceans, and echinoderms								
Food	Food	Food	INS No	Recommende	Note				
Categor	Category	Additive		d Maximum					
У	Name			Level					
System									
		CHLOROPH		40 mg/kg	95,41				
		YLLS AND							
		CHLOROPH							
		YLLIN							
		COPPER							
		COMPLEXE							
		S							
		Karaya gum	416	GMP	41				
		Oxidized	1404	GMP	41				
		starch							
		Grape skin	163(ii)	1,000 mg/kg	95				
		extract							
		Tragacanth	413	GMP	41				
		gum							
		Xanthan gum	415	GMP					
9.2.5	Smoked,	Allura red AC	129	100 mg/kg	22				
	dried,	BENZOATE		200 mg/kg					
	fermented,	S							
	and/or salted	Butylated	320	200 mg/kg	15, 196				
	fish and fish	hydroxyanisol							
	products,	e (BHA)							
	including	Dutulated	201	200 m ~ /1	15 106				
	molluscs,	Butylated	321	200 mg/kg	15, 196				
	crustaceans,	hydroxytoluen							
	and	e (BHT)							
	echinoderms	CHLOROPH		200 mg/kg					
	(Dried shark	YLLS AND							
	fins,	CHLOROPH							
	Salted fish/	YLLINCOPP							
	dried salted	ER							

Food	Food	Food	INS No	Recommende	Note
Categor	Category	Additive		d Maximum	
y	Name			Level	
<i>s</i> System					
	fish)	COMPLEXE			
	11511)	S			
		5			
		Calcium	170(i)	GMP	266, 267
		carbonate			
		Canthaxanthin	161g	15 mg/kg	
		beta-	160a(ii)	1,000 mg/kg	
		Carotenes,			
		vegetable			
		Fast green	143	100 mg/kg	
		FCF			
		Fumaric acid	297	GMP	
		Grape skin	163(ii)	1,000 mg/kg	266, 267
		extract			
		IRON		250 mg/kg	22
		OXIDES			
		Magnesium	504(i)	GMP	22
		carbonate			
		Indigotine	132		22
		(Indigo		100 mg/kg	
		carmine)			
		Magnesium	528	GMP	266, 267
		hydroxide			
		Magnesium	504(ii)	GMP	266, 267
		hydroxide			,
		carbonate			
		Malic acid,	296	GMP	266, 267
		DL-			-,
		Ponceau 4R	124	100 mg/kg	266, 267
		Potassium	332(i)	GMP	22
	1				

Fish and	fish products,	including molluscs	, crustace	ans, and echinod	lerms
Food	Food	Food	INS No	Recommende	Note
Categor	Category	Additive		d Maximum	
У	Name			Level	
System					
		citrate			
		Propyl gallate	310	100 mg/kg	266, 267
		RIBOFLAVI		300 mg/kg	15, 196
		NS			
		SORBATES		<sup>52</sup> [1000	42
				mg/Kg]	
		SULFITES		30 mg/kg	
		Sodium	331(i)	GMP	44
		dihydrogen			
		citrate			
		Sodium	365	GMP	266, 267
		fumarate			
		Sunset yellow	110	100 mg/kg	266, 267
		FCF			
		Acetylated	1414	GMP	22
		distarch			
		phosphate			
		Agar	406	GMP	300
		Carrageenan	407	GMP	300
		Citric and	472c	GMP	300
		fatty acid			
		esters of			
		glycerol			
		Guar gum	412	GMP	300
		Gum arabic	414	GMP	300
		(acacia gum)			
		Hydroxypropy	463	GMP	300
		l cellulose			
		Hydroxypropy	464	GMP	300
		1 methyl			

Fish and i	Fish and fish products, including molluscs, crustaceans, and echinoderms								
Food	Food	Food	INS No	Recommende	Note				
Categor	Category	Additive		d Maximum					
У	Name			Level					
System									
		cellulose							
		Hydroxypropy	1440	GMP	300				
		1 starch							
		Lactic and	472b	GMP	300				
		fatty acid							
		esters of							
		glycerol							
		Magnesium	511	GMP	300				
		chloride							
		Mannitol	421	GMP	300				
		Methyl	461	GMP	300				
		cellulose							
		Methyl ethyl	465	GMP	300				
		cellulose							
		Oxidized	1404	GMP	300				
		starch							
		Pectins	440	GMP	300				
		Powdered	460(ii)	GMP	300				
		cellulose							
		Processed	407a	GMP	300				
		eucheuma							
		seaweed							
		Salts of	470(i)	GMP	300				
		myristic,							
		palmitic and							
		stearic acids							
		with ammonia,							
		calcium,							
		potassium and							
		sodium							

Fish and	fish products, inc	luding molluscs	, crustacea	ans, and echinod	lerms
Food	Food	Food	INS No	Recommende	Note
Categor	Category	Additive		d Maximum	
у	Name			Level	
System					
		Salts of oleic	470(ii)	GMP	300
		acid with			
		calcium,			
		potassium and			
		sodium			
		Sodium	401	GMP	300
		alginate			
		Carboxymethy	466	GMP	300
		l cellulose			
		Tara gum	417	GMP	300
		Tragacanth	413	GMP	300
		gum			
		Xanthan gum	415	GMP	300
		Lecithins	322(i),	GMP	300
			(ii)		
		Acetic and	472a	GMP	300
		fatty acid			
		esters of			
		glycerol			
9.3	Semi	Acesulfame	950	200 mg/kg	144, 188
	preserved fish	potassium			
	and fish	Aspartame	951	300 mg/kg	144, 191
	products	Aspartame-	962	200 mg/kg	113
	including	acesulfame			
	molluscs,	salt			
	crustaceans,	BENZOATE		2,000 mg/kg	13, 120
	and	S			
	echinoderms	Butylated	320	200 mg/kg	15, 180
		hydroxyanisol			
		e (BHA)			

Table 9

Fish and fish products, including molluscs, crustaceans, and echinoderms									
Food	Food	Food	INS No	Recommende	Note				
Categor	Category	Additive		d Maximum					
У	Name			Level					
System									
		Butylated	321	200 mg/kg	15, 180				
		hydroxytoluen							
		e (BHT)							
		CAROTENO		100 mg/kg	100, 95				
		IDS							
		Caramel III -	150c	30,000 mg/kg	95				
		ammonia							
		caramel							
		Sucralose	955	120 mg/kg	144				
		(Trichlorogala							
		ctosucrose)							
		Caramel IV –	150d	30,000 mg/kg	95				
		sulfite							
		ammonia							
		caramel							
		Neotame	961	10 mg/kg					
		HYDROXYB		1,000 mg/kg	27				
		ENZOATES,							
		PARA-							
		SORBATES		1,000 mg/kg	42				
9.3.1	Fish and fish	PHOSPHAT		2,200 mg/kg	33				
	products	ES							
	including	SACCHARI		160 mg/kg	144				
	molluscs,	NS							
	crustaceans,								
	and								
	echinoderms,								
	marinated								
	and/or in jelly								

Table 9

Fish and f	fish products, inc	luding molluscs	, crustacea	ans, and echinod	lerms
Food	Food	Food	INS No	Recommende	Note
Categor	Category	Additive		d Maximum	
У	Name			Level	
System					
9.3.2	Fish and fish	ETHYLENE		250 mg/kg	21
	products	DIAMINE			
	including	TETRA			
	molluscs,	ACETATES			
	crustaceans	(EDTA)			
	and	PHOSPHAT		2,200 mg/kg	33
	echinoderms,	ES			
	pickled and/or	SACCHARI		160 mg/kg	144
	in brine	NS			
9.3.3	Salmon	Allura red AC	129	100 mg/kg	
	substitutes,	Brilliant blue	133	100 mg/kg	
	caviar and	FCF			
	other fish roe	CHLOROPH		200 mg/kg	
	products	YLLS AND			
		CHLOROPH			
		YLLINCOPP			
		ER			
		COMPLEXE			
		S			
		Canthaxanthin	161g	15 mg/kg	
		beta-	160a(ii)	1,000 mg/kg	
		Carotenes,			
		vegetable			
		Fast green	143	100 mg/kg	
		FCF			
		Grape skin	163(ii)	1,500 mg/kg	
		extract			
		IRON		100 mg/kg	
		OXIDES			
		Indigotine	132	100 mg/kg	

Fish and	fish products, inc	luding molluscs	, crustace	ans, and echinod	lerms
Food	Food	Food	INS No	Recommende	Note
Categor	Category	Additive		d Maximum	
У	Name			Level	
System					
		(Indigo			
		carmine)			
		PHOSPHAT		2,200 mg/kg	33
		ES			
		Ponceau 4R	<sup>52</sup> [124]	200 mg/kg	
		RIBOFLAVI		300 mg/kg	
		NS			
9.3.4	Semi-	Sunset yellow	110	100 mg/kg	
	preserved fish	FCF			
	and fish	Allura red AC	129	100 mg/kg	
	products	CHLOROPH		75 mg/kg	95
	including	YLLS AND			
	molluscs,	CHLOROPH			
	crustaceans	YLLIN			
	and	COPPER			
	echinoderms	COMPLEXE			
	(e.g. fish	S			
	paste),	IRON		50 mg/kg	95
	excluding	OXIDES			
	products of	Indigotine	132	100 mg/kg	
	food	(Indigo			
	categories	carmine)			
	9.3.1 -9.3.3	PHOSPHAT		2,200 mg/kg	33
		ES			
		Ponceau 4R	124	100 mg/kg	
		RIBOFLAVI		300 mg/kg	
		NS			
		SACCHARI		160 mg/kg	144
		NS			
9.4	Fully	Acesulfame	950	200 mg/kg	144, 188

Fish and t	fish products, inc	luding molluscs	, crustacea	ans, and echinod	lerms
Food	Food	Food	INS No	Recommende	Note
Categor	Category	Additive		d Maximum	
у	Name			Level	
System					
	preserved	potassium			
	including	Aspartame	951	300 mg/kg	144, 191
	canned or	Aspartame-	962	200 mg/kg	113
	fermented fish	acesulfame			
	and fish	salt			
	products, and	CAROTENO		100 mg/kg	95
	molluscs,	IDS			
	crustaceans,	Butylated	320	200 mg/kg	15, 180
	and	hydroxyanisol			
	echinoderms(c	e (BHA)			
	anned fin fish,				
	canned	Butylated	321	200 mg/kg	15, 180
	shrimp,	hydroxytoluen			
	canned	e (BHT)			
	sardines,	CHLOROPH		500 mg/kg	95
	canned	YLLS AND		000000000000	
	salmon,	CHLOROPH			
	canned crab	YLLIN			
	meat, canned	COPPER			
	tuna and	COMPLEXE			
	bonito)	S,			
		Canthaxanthin	161g	15 mg/kg	
		Caramel III -	150c	30,000 mg/kg	50
		ammonia		,0	
		caramel			
		Caramel IV –	150d	30,000 mg/kg	95
		sulfite			
		ammonia			
		caramel			
		beta-	160a(ii)	500 mg/kg	
			1000(11)	500 mg/ kg	

Fish and	Fish and fish products, including molluscs, crustaceans, and echinoderms								
Food	Food	Food	INS No	Recommende	Note				
Categor	Category	Additive		d Maximum					
y System	Name			Level					
		Carotenes,							
		vegetable							
		ETHYLENE			21				
		DIAMINE		340 mg/kg					
		TETRA							
		ACETATES							
		(EDTA)							
		IRON		50 mg/kg	95				
		OXIDE							
		Neotame	961	10 mg/kg					
		PHOSPHAT		2,200 mg/kg	33				
		ES							
		RIBOFLAVI		500 mg/kg	95				
		NS							
		SACCHARI		200 mg/kg	144				
		NS							
		SULFITES		150 mg/kg	44, 140				
		Sucralose	955	120 mg/kg	144				
		(Trichlorogala							
		ctosucrose)							
		Carboxy	466	GMP					
		methyl							
		cellulose							

Eggs and e	eggs products				
Food	Food	Food Additive	INS		Notes
category	Category		No	Recommend	
system	Name			ed Maximum	
				Level	
10.0	Eggs and				
10.1	egg products				
10.1	Fresh egg	No additives permi	tted		
10.2	Egg products	Lauric arginate ethyl ester	243	200 mg/kg	
10.2.1	Liquid egg	BENZOATES		5,000 mg/kg	13
	products	PHOSPHATES		4,400 mg/kg	67, 33
		SORBATES		5,000 mg/kg	42
		Triethyl citrate	1505	2,500 mg/kg	
		Acetic acid,	260	GMP	
		glacial			
		Citric acid	330	GMP	
		Lactic acid L-, D- and DL-	270	GMP	
		Sodium acetate	262(i)	GMP	
		Sodium dihydrogen citrate	331(i)	GMP	
		Sodium lactate	325	GMP	
		Trisodium citrate	331(iii )	GMP	
		Agar	406	GMP	
		Calcium alginate	404	GMP	
		Carob bean gum	410	GMP	
		Carrageenan	407	GMP	
		Gellan gum	418	GMP	
		Guar gum	412	GMP	

Eggs and	eggs product	8			
Food category system	Food Category Name	Food Additive	INS No	Recommend ed Maximum	Notes
		Gum arabic(Acacia	414	<b>Level</b> GMP	
		gum) Karaya gum	416	GMP	
		Konjac flour	425	GMP	
		Lecithins	322(i), (ii)	GMP	
		Micro crystalline cellulose (cellulose gel)	460(i)	GMP	
		Pectins	440	GMP	
		Polydextroses	1200	GMP	
		Processed eucheuma seaweed	407a	GMP	
		Salts of myristic, palmitic and stearic acids with ammonia, calcium, potassium and	470(i)	GMP	
		sodium Sodium alginate	401	GMP	
		Tara gum	417	GMP	
		<sup>52</sup> [omit			]
		Xanthan gum Carboxymethyl	415 466	GMP GMP	
10.2.2	Frozen	celluloseeggPHOSPHATES		1,290 mg/kg	67, 33

Food	eggs products Food	<b>Food Additive</b>	INS		Notes
	Category	roou Auunive	No	Recommend	INULES
category system	Name		110	ed Maximum	
system	Tame			Level	
	products	SORBATES		1,000 mg/kg	42
	products	Acetic acid,	260	GMP	
		glacial	200		
		Citric acid	330	GMP	
		Lactic acid L-, D-	270	GMP	
		and DL			
		Sodium acetate	262(i)	GMP	
		Sodium	331(i)	GMP	
		dihydrogen			
		citrate			
		Sodium lactate	325	GMP	
		Trisodium citrate	331(iii	GMP	
			)		
		Agar	406	GMP	
		Calcium alginate	404	GMP	
		Carob bean gum	410	GMP	
		Carrageenan	407	GMP	
		Gellan gum	418	GMP	
		Guar gum	412	GMP	
		Gum	414	GMP	
		arabic(Acacia			
		gum)			
		Karaya gum	416	GMP	
		Konjac flour	425	GMP	
		Lecithins	322(i),	GMP	
			(ii)		
		Micro crystalline	460(i)	GMP	
		cellulose			
		(cellulose gel)			

Table 10

	eggs products		TNIC		
Food category system	Food Category Name	Food Additive	INS No	Recommend ed Maximum Level	Notes
		Mannitol	421	GMP	
		Mono- and di- glycerides of fatty acids	471	GMP	
		Pectins	440	GMP	
		Polydextrose	1200	GMP	
		Processed eucheuma seaweed	407a	GMP	
		Salts of myristic, palmitic and stearic acids with ammonia, calcium, potassium and sodium	470(i)	GMP	
		Sodium alginate	401	GMP	
		Tara gum	417	GMP	
		Carboxymethyl cellulose	466	GMP	
		Xanthan gum	415	GMP	
		ETHYLENE DIAMINE TETRA ACETATES (EDTA)		200 mg/kg	21, 47
		<sup>52</sup> [omit			]
		Triethyl citrate	1505	2,500 mg/kg	47
10.2.3	Dried and/or	Diacetyltartaric	472e	5,000 mg/kg	

Eggs and	eggs products				
Food category system	Food Category Name	Food Additive	INS No	Recommend ed Maximum	Notes
				Level	
	heat	and fatty acid			
	coagulated	esters of glycerol			
	egg products	ETHYLENE		200 mg/kg	21, 47
		DIAMINE			
		TETRA			
		ACETATES			
		(EDTA)			
		SORBATES		1,000 mg/kg	42
		Triethyl citrate	1505	2,500 mg/kg	47
10.3	Preserved	PHOSPHATES		1,000 mg/kg	33
10.4	eggs		0.50		100
10.4	Egg based	Acesulfame	950	350 mg/kg	188
	deserts e.g.	potassium			10.0
	custard	ASCORBYL		500 mg/kg	10, 2
		ESTERS	051	1.000 //	101
		Aspartame	951	1,000 mg/kg	191
		BENZOATES		1,000 mg/kg	13
		Lauric arginate ethyl ester	243	200 mg/kg	
		Neotame	961	100 mg/kg	
		PHOSPHATES	701	1,400 mg/kg	33
		POLYSORBAT		3,000 mg/kg	
		ES			
		Propyl gallate	310	90 mg/kg	15, 2
		Propylene glycol	477	40,000 mg/kg	
		esters of fatty			
		acids			
		SACCHARINS		100 mg/kg	144
		SORBATES		1,000 mg/kg	42

Eggs and	eggs products				
Food	Food	Food Additive	INS		Notes
category	Category		No	Recommend	
system	Name			ed Maximum	
				Level	
		Steviol	960	330 mg/kg	26
		glycosides			
		Sucralose	955	400 mg/kg	
		(trichlorogalactos			
		ucrose)			
		Sucroglycerides	474	5,000 mg/kg	
		Allura red AC	129	100 mg/kg	
		Brilliant Blue	133	100 mg/kg	
		FCF			
		CAROTENOID		150 mg/kg	
		S			
		CHLOROPHYL		300 mg/kg	
		LS AND			
		CHLOROPHYL			
		LINS, COPPER			
		COMPLEXES			
		Canthaxanthin	161g	15 mg/kg	
		Caramel IV-	150d	20,000 mg/kg	
		Sulfite ammonia			
		Caramel			
		Caramel III –	<sup>52</sup> [150	20,000 mg/kg	
		ammonia caramel	c]		
		beta-Carotenes,	160a(i	1,000 mg/kg	
		vegetable	i)		
		Fast green FCF	143	100 mg/kg	
		Sunset yellow	110	50 mg/kg	
		FCF			
		Indigotine	132	100 mg/kg	
		(Indigo carmine)			

Eggs and eggs products									
Food category system	Food Category Name	Food Additive	INS No	Recommend ed Maximum Level	Notes				
		Ponceau 4R	124	50 mg/kg					
		RIBOFLAVINS		200 mg/kg					

Sweeteners	including honey				
Food	Food	Food Additive	INS	Recommende	Notes
Category	Category		No	d Maximum	
system	Name			Level	
11.0	Sweeteners				
	including				
	honey				
11.1	Refined and	No additives permi	tted		
	raw sugars				
11.1.1	White sugar,	SULFITES		15 mg/kg	44
	dextrose				
	anhydrous,				
	dextrose				
	monohydrate,				
	fructose				
	(dextrose)				
	<b>Refined Sugar</b>	SULFITES		20 mg/kg	
11.1.2	Powdered	Calcium silicate	552	15,000 mg/kg	56
	sugar,	Magnesium	504(i)	15,000 mg/kg	56
	powdered	carbonate			
	dextrose (icing	carbonates of	170(i)	15,000 mg/kg	
	sugar)	calcium			
		Magnesium	553(i)	15,000 mg/kg	56
		silicate, synthetic			
		Silicates of	559,	15,000 mg/kg	
		aluminium or	554,		
		sodium	556		
		(aluminium			
		silicate, sodium			
		alluminosilicate,			
		calcium			
		aluminium			
		silicate)			
		PHOSPHATES		6,600 mg/kg	56,33
		SULFITES		20 mg/kg	44

Sweeteners	including honey				
Food	Food	Food Additive	INS	Recommende	Notes
Category	Category		No	d Maximum	
system	Name			Level	
		Silicon dioxide,	551	15,000 mg/kg	56
		amorphous			
11.1.3	Soft white	SULFITES		150 mg/kg	44, 111
	sugar, soft				
	brown sugar,				
	glucose syrup,				
	dried glucose				
	syrup, raw				
	cane sugar,				
	khandsarisug				
	ar (sulphur				
	sugar), bura				
	sugar				
	Khandsari	No additives permi	tted		
	sugar (desi)				
11.1.3.1	Dried glucose	SULFITES		20 mg/kg	111,44
	syrup for				
	manufacture				
	of sugar				
	confectionery				
	(dried glucose				
	syrup)				
11.1.3.2	Glucose syrup	SULFITES		20 mg/kg	111,44
	for				
	manufacture				
	of sugar				
	confectionery				
	(golden syrup)				
11.1.4	Lactose	No additives permi	tted		
11.1.5	Plantation or	SULFITES		70 mg/kg	44
	mill white				
	op 1 (01 00 7				

Sweeteners	including honey				
Food Category system	Food Category Name	Food Additive	INS No	Recommende d Maximum Level	Notes
	sugar (plantation white sugar, cube sugar, misri)				
<sup>52</sup> [11.1.6	Gur or Jaggery	Sulfites		50 mg/Kg	Residue not to exceed 50mg/K g in the end product ]
<sup>52</sup> [11.1.6.1	Cane Jaggery/Gur				
11.1.6.2	Palm Jaggery/Gur				
11.1.6.3	Date Jaggery/Gur]				
11.2	Brown sugar excluding products of food category 11.1.3	SULFITES		40 mg/kg	44
11.3	Sugar solutions and syrups, also (partially)	RIBOFLAVINS		300 mg/Kg	
	inverted, including treacle and molasses, excluding	SULFITES		70 mg/kg	44

Sweeteners	including honey	·			
Food	Food	Food Additive	INS	Recommende	Notes
Category	Category		No	d Maximum	
system	Name			Level	
	products of				
	food category				
	11.1.3				
11.4	Other sugars	ASCORBYL		200 mg/kg	10
	and syrups	ESTERS			
	(e.g. xylose,	Acesulfame	950	1,000 mg/kg	159,
	maple syrup,	potassium			188
	sugar	Acetic and fatty	472a	GMP	258
	toppings)	acid esters of			
		glycerol			
		Acetylated	1422	GMP	258
		distarch adipate			
		Acetylated	1414	GMP	258
		distarch			
		phosphate			
		Acid-treated	1401	GMP	258
		starch			
		Agar	406	GMP	258
		Alginic acid	400	GMP	258
		<sup>75</sup> [Omitted]			
		Alkaline treated	1402	GMP	258
		starch			
	-	Allura red AC	129	200 mg/kg	
	· · · · · · · · · · · · · · · · · · ·	Ammonium	403	GMP	258
		alginate			
		Aspartame	951	3,000 mg/kg	159,
		·			191
		BENZOATES		1,000 mg/kg	13
	· · · · · · · · · · · · · · · · · · ·	Bleached starch		GMP	258
		CAROTENOID		50 mg/kg	217
		S			

	s including hor	-	TNIC	Decommondo	Natas
Food	Food	Food Additive	INS	Recommende	Notes
Category	Category		No	d Maximum	
system	Name			Level	()
		CHLOROPHYL		64 mg/kg	62
		LS AND			
		CHLOROPHYL			
		LINS, COPPER			
		COMPLEXES	0.02		250
		Calcium acetate	263	GMP	258
		Calcium alginate	404	GMP	259
		Canthaxanthin	161g	15 mg/kg	100
		Caramel III -	150c	50,000 mg/kg	100
		ammonia caramel			
		Carob bean gum	410	GMP	258
		beta-Carotenes,	160a(i	50 mg/kg	
		vegetable	i)		
		Carrageenan	407	GMP	258
		Citric and fatty	472c	GMP	258
		acid esters of			
		glycerol			
		Distarch	1412	GMP	258
		phosphate			
		Gellan gum	418	GMP	258
		Guar gum	412	GMP	258
		Gum arabic	414	GMP	258
		(Acacia gum)			
		HYDROXYBEN		100 mg/kg	27
		ZOATES,			
		PARA-			
		Hydroxypropyl	463	GMP	258
		cellulose			
		Hydroxypropyl	1442	GMP	258
		distarch			
		phosphate			

Sweeteners	s including hon	ey			
Food	Food	Food Additive	INS	Recommende	Notes
Category	Category		No	d Maximum	
system	Name			Level	
		Hydroxypropyl	464	GMP	258
		methyl cellulose			
		Hydroxypropyl	1440	GMP	258
		starch			
		Indigotine	132	300 mg/kg	
		(Indigo carmine)			
		Karaya gum	416	GMP	258
		Konjac flour	425	GMP	258
		Lactic and fatty	472b	GMP	258
		acid esters of			
		glycerol			
		Lecithins	322(i),	GMP	258
			(ii)		
		Magnesium	504(i)	GMP	258
		carbonate			
		Magnesium	511	GMP	258
		chloride			
		Magnesium	528	GMP	258
		hydroxide			
		Magnesium	504(ii)	GMP	258
		hydroxide			
		carbonate			
		Mannitol	421	GMP	258
		Methyl cellulose	461	GMP	258
		Methyl ethyl	465	GMP	258
		cellulose			
		Microcrystalline	460(i)	GMP	258
		cellulose			
		(cellulose gel)			
		Mono- and di-	471	GMP	258
		glycerides of			

Food	s including hor Food	Food Additive	INS	Recommende	Notes
Category system	Category Name	roou Audiuve	No	d Maximum Level	INULES
		fatty acids			
		Monostarch phosphate	1410	GMP	258
		Neotame	961	70 mg/kg	159
		Oxidized starch	1404	GMP	258
		PHOSPHATES		1,320 mg/kg	56,33
		Pectins	440	GMP	258
		Phosphated distarch phosphate	1413	GMP	258
		Polydextrose	1200	GMP	258
		Ponceau 4R	124	300 mg/kg	159
		Potassium alginate	402	GMP	258
		Potassium dihydrogen citrate	332(i)	GMP	
		Powdered cellulose	460(ii)	GMP	258
		Processed eucheuma seaweed	407a	GMP	258
		Propylene glycol esters of fatty acids	477	5,000 mg/kg	
		RIBOFLAVINS		300 mg/kg	
		SACCHARINS		300 mg/kg	159
		SORBATES		1,000 mg/kg	42
		SULFITES		40 mg/kg	44

Sweetener	s including hor	iey				
Food	Food	Food Additive	INS	Recommende	Notes	
Category	Category		No	d Maximum		
system	Name			Level		
		Salts of myristic,	470(i)	GMP	71, 258	
		palmitic and				
		stearic acids with				
		ammonia,				
		calcium,				
		potassium and				
		sodium				
		Salts of oleic acid	470(ii)	GMP	258	
		with calcium,				
		potassium and				
		sodium				
		Sodium alginate	401	GMP	258	
		Carboxymethyl	466	GMP	258	
		cellulose				
		Sodium	331(i)	GMP	258	
		dihydrogen				
		citrate				
		Starches, enzyme	1405	GMP	258	
		treated				
		Sucralose	955	1,500 mg/kg	159,	
		(Trichlorogalacto				
		sucrose)				
		Tragacanth gum	413	GMP	258	
		Tripotassium	332(ii)	GMP	258	
		citrate				
		Trisodium citrate	331(iii	GMP	258	
			)			
		Xanthan gum	415	GMP	258	
11.5	Honey	No additives permi	itted			

Sweeteners	including honey	7			
Food	Food	Food Additive	INS	Recommende	Notes
Category	Category		No	d Maximum	
system	Name			Level	
11.6	Table-top	Steviol	960	7 mg/ 100 mg	In
	sweeteners	glycosides			tablet
	including				/liquid
	those				and
	containing				powder
	high-intensity				forms,
	sweeteners				26
	(saccharin	Sucralose	955	GMP	
	sodium,	(Trichlorogalacto			
	aspartame,	sucrose)			
	acesulfame	Acesulfame	950	GMP	188
	potassium,	potassium			
	sucralose)	<sup>75</sup> [Omitted]			
		Aspartame	951	GMP	191
		Aspartame-	962	GMP	
		acesulfame salt			
		BENZOATES		2,000 mg/kg	13
		Caramel IV –	150d	1,200 mg/kg	213
		sulfite ammonia			
		caramel			
		ETHYLENE		1,000 mg/kg	96,21
		DIAMINE			
		TETRA			
		ACETATES			
		Neotame	961	GMP	
		PHOSPHATES		1,000 mg/kg	56,33
		Polyethylene	1521	10,000 mg/kg	
		glycol			
		Polyvinylpyrrolid	1201	3,000 mg/kg	
		one			
		SACCHARINS		GMP	

Sweeteners	s including hone	ey			
Food	Food	Food Additive	INS	Recommende	Notes
Category	Category		No	d Maximum	
system	Name			Level	
		SORBATES		1,000 mg/kg	42,192

Table 12

Salts, spi	ices, soups, sala	ds and protein pro	ducts		
Food categor y System	Food Category Name	Food Additive	INS No	Recommended Maximum Level	Note
12.0	Salts, spices, soups, sauces, salads and protein products				
12.1	Salt and salt substitutes	No additives permi	itted		
12.1.1	Salt (including	Calcium carbonate	170(i)	20 g/kg	
	edible	Calcium silicate	552	20 g/kg	
	common salt, iron fortified	FERROCYANI DES		10 mg/kg	24, 107
	salt, iodized	Magnesium	504(i)	20 g/kg	

Salts, spi	ices, soups, sal	lads and protein proc	ducts		
Food	Food	Food Additive	INS	Recommended	Note
categor	Category		No	Maximum	
У	Name			Level	
System					
	salt)*	carbonate			
		Magnesium oxide	530	GMP	
		Magnesium	553(i)	20 g/kg	
		silicate, synthetic			
		PHOSPHATES		8,800 mg/kg	33
		POLYSORBAT		10 mg/kg	
		ES			
		Salts of myristic,	470(i)	20 g/kg	71
		palmitic and			
		stearic acids with			
		ammonia,			
		calcium,			
		potassium and			
		sodium			
		Silicon dioxide	551	GMP	
		amorphous			
		52[Sodium	554	1,000 mg/kg	6,254
		aluminosilicate]			
		ETHYLENE		50 mg/kg	
		DIAMINE			
		TETRA			
		ACETATES			
		(EDTA)			
		Adipic acid	355	250 mg/kg	
		*Only the followi	0	tives permitted in	
		double fortified sal	t		
		Hydroxy propyl	464	GMP	
		methyl cellulose			
		Titanium dioxide	171	GMP	
12.1.2	Salt	Diacetyl tartaric	472e	16,000 mg/kg	

Table 12

Salts, spi	ices, soups, sala	ds and protein proc	lucts		
Food categor y System	Food Category Name	Food Additive	INS No	Recommended Maximum Level	Note
System	substitutes	and fatty acid esters of glycerol FERROCYANI		20 mg/kg	24
		DES PHOSPHATES		4,400 mg/kg	
		Calcium lactate Citric acid	327 330	GMP GMP	
		Fumaric acid	297	GMP	
		Lactic acid, L-, D- and DL	270	GMP	
		Magnesium hydroxide	528	GMP	
		Magnesium hydroxide carbonate	504(ii)	GMP	
		Malic acid, dl-	296	GMP	
		Potassium dihydrogen citrate	332(i)	GMP	
		Sodium acetate	262(i)	GMP	
		Sodium carbonate	500(i)	GMP	
		Sodium dihydrogen citrate	331(i)	GMP	
		Sodium fumarates	365	GMP	
		Tripotassium citrate	332(i)	GMP	
		Trisodium citrate	331(iii )	GMP	
12.2	Herbs, spices,	ASCORBYL ESTERS		500 mg/kg	10
	seasonings	Acesulfame K	950	2,000 mg/kg	188

Table 12

Salts, spi	ices, soups, sala	ds and protein proc	ducts		
Food	Food	Food Additive	INS	Recommended	Note
categor	Category		No	Maximum	
У	Name			Level	
System					
	and	Butylated	320	200mg/kg	15, 130
	condiments	hydroxyanisole			
	(e.g.	(BHA)			
	seasoning for		221	200 /	15 100
	instant	Butylated	321	200mg/kg	15, 130
	noodles)	hydroxytoluene			
		(BHT)			
		ETHYLENE		70 mg/kg	21
		DIAMINE			
		TETRA			
		ACETATES			
		(EDTA)			
		Neotame	961	32 mg/kg	
		Propyl gallate	310	200 mg/kg	15, 130
		SORBATES		1,000 mg/kg	42
		Tertiary butyl	319	200 mg/kg	
		hydroquinone			
12.2.1	<sup>52</sup> [Herbs,	POLYSORBAT		2,000 mg/kg	
	spices,	ES			
	masalas,	SULFITES		150 mg/kg	
	spice				
	mixtures				
	including				
	oleoresins or				
	extracts/deri				
	vatives				
	thereof]				
12.2.2	Seasonings	BENZOATES		1,000 mg/kg	13
	and	<b>A</b>	051	2,000	
		Aspartame	951	2,000 mg/kg	

Table 12

Salts, sp	ices, soups, sala	ads and protein proc	ducts		
Food	Food	Food Additive	INS	Recommended	Note
categor y System	Category Name		No	Maximum Level	
	condiments	Curcumin	100	GMP	
		FERROCYANI DES		20 mg/kg	24
		Lauric arginate ethyl ester	243	200 mg/kg	
		PHOSPHATES		2,200 mg/kg	33 , <sup>69</sup> [226]
		POLYSORBAT ES		5,000 mg/kg	
		SACCHARINS		1,500 mg/kg	
		Sucralose	955	700 mg/kg	
		SULFITES		200 mg/kg	44
		Tartaric acid	334	GMP	
		<sup>52</sup> [Caramel IV – sulfite ammonia caramel	150d	10,000 mg/kg	
		Paprika oleoresin	160c(i )	GMP]	
12.3	Vinegars	BENZOATES	210	1,000 mg/kg	Only in brewed vinegar
		Caramel III - ammonia caramel	150c	GMP	
		Caramel IV – sulfiteammonia caramel	150d	GMP	
		HYDROXYBEN ZOATES,		100 mg/kg	

Table 12

_	_	lads and protein pro		1	
Food categor y Sustam	Food Category Name	Food Additive	INS No	Recommended Maximum Level	Note
System		PARA-			
		Polyvinylpyrrolid one	1201	40 mg/kg	
		SULFITES		100 mg/kg	
12.4	Mustards	ASCORBYL ESTERS		500 mg/kg	
		ETHYLENE DIAMINE	38	50 mg/kg	
		TETRA ACETATES			
		(EDTA)			
		Acesulfame	950	350 mg/kg	
		potassium			
		Allura red AC	129	100 mg/kg	
		Aspartame	951	350 mg/kg	191
		BENZOATES		1,000 mg/kg	
		Brilliant blue FCF	133	100 mg/kg	
		CAROTENOID S		300 mg/kg	
		CHLOROPHYL LS AND		500 mg/kg	
		CHLOROPHYL LINS, COPPER			
		COMPLEXES			
		Caramel III - ammonia caramel	150c	50,000 mg/kg	
		Caramel IV – sulfiteammonia	150d	50,000 mg/kg	

Table 12

Food	Food	Food Additive	INS	Recommended	Note
categor	Category		No	Maximum	
y System	Name			Level	
		caramel			
		beta-Carotenes,	160a(i	1,000 mg/kg	
		vegetable	i)		
		Diacetyltartaric	472e	10,000 mg/kg	
		and fatty acid			
		esters of glycerol			
		ETHYLENE		75 mg/kg	
		DIAMINE			
		TETRA			
		ACETATES			
		Grape skin	163(ii)	200 mg/kg	
		extract			
		HYDROXYBEN		300 mg/kg	
		ZOATES,			
		PARA-			
		Indigotine (Indigo	132	100 mg/kg	
		carmine)			
		Neotame	961	12 mg/kg	
		Ponceau 4R	124	100 mg/kg	
		RIBOFLAVINS		300 mg/kg	
		SACCHARINS		320 mg/kg	
		SORBATES		1,000 mg/kg	
		SULFITES		250 mg/kg	
		Sucralose	955	140 mg/kg	
		(Trichlorogalacto			
		sucrose)			
		Sunset yellow FCF	110	100 mg/kg	
		Tertiary	319	200 mg/kg	

Table 12

Salts, spi	ices, soups, sala	ds and protein proc	lucts		
Food	Food	Food Additive	INS	Recommended	Note
categor	Category		No	Maximum	
У	Name			Level	
System					
		butylhydroquinon			
		e (TBHQ)			
12.5	Soups and	ASCORBYL		200 mg/kg	
	broths	ESTERS			
		Acesulfame	950	110 mg/kg	
		potassium			
		<sup>75</sup> [Omitted]			
		Allura red AC	129	100 mg/kg	
		Aspartame	951	1,200 mg/kg	
		BENZOATES		500 mg/kg	
		Brilliant blue FCF		100 mg/kg	
		Butylated	320	200mg/kg	15, 130
		hydroxyanisole (BHA)			
		Butylated	321	100mg/kg	15,
		hydroxytoluene			130,340
		(BHT)			
		CAROTENOID		300 mg/kg	
		S			
		CHLOROPHYL		400 mg/kg	
		LS AND			
		CHLOROPHYL			
		LIN, COPPER			
		COMPLEXES			
		Caramel III -	150c	25,000 mg/kg	
		ammonia caramel			
		Caramel IV –	150d	25,000 mg/kg	

Table 12

Table	12
-------	----

Salts, sp	ices, soups, sa	lads and protein proc	ducts		
Food	Food	Food Additive	INS	Recommended	Note
categor	Category		No	Maximum	
У	Name			Level	
System					
		sulfiteammonia			
		caramel			
		beta-Carotenes,	160a(i	1,000 mg/kg	
		vegetable	i)		
		Diacetyltartaric	472e	5,000 mg/kg	
		and fatty acid			
		esters of glycerol			
		Grape skin	163(ii)	500 mg/kg	
		extract			
		IRON OXIDES		100 mg/kg	
		Indigotine (Indigo	132	100mg/kg	
		carmine)			
		Neotame	961	20 mg/kg	
		PHOSPHATES		1,500 mg/kg	
		Propyl gallate	310	200 mg/kg	
		RIBOFLAVINS		GMP	
		SACCHARINS		110 mg/kg	
		SORBATES		1,000 mg/kg	
		Sucralose	955	600 mg/kg	
		(Trichlorogalacto			
		sucrose)			
		Sucroglycerides	474	2,000 mg/kg	
		Sunset yellow	110	100 mg/kg	
		FCF			
		Tertiary	319	200 mg/kg	
		butylhydroquinon			
		e (TBHQ)			
		Polydimethylsilo	900a	10 mg/kg	
		xane			
		POLYSORBAT		1,000 mg/kg	

Food	Food	Food Additive	INS	Recommended	Note
categor	Category		No	Maximum	
y System	Name			Level	
		ES			
		Ponceau 4R	124	50 mg/kg	
		Tartaric acid	334	GMP	
		Curcumin	100	GMP	
		Canthaxanthin	161g	GMP	
		Annatto	160b	GMP	
			(i),(ii)		
		Saffron		GMP	
		Sulphur dioxide	220	150 mg/kg	
12.5.1	Ready-to-e soups a	at Brilliant blue nd FCF	133	50 mg/kg	
	broths including	Indigotine (Indigo carmine)	132	50 mg/kg	
	canned,	Lauric arginate nd ethyl ester	243	200 mg/kg	
	frozen	RIBOFLAVINS		200 mg/kg	
		Sunset yellow FCF	110	50 mg/kg	
12.5.2		for CAROTENOID nd S		200 mg/kg	
	broths	CHLOROPHYL LS AND CHLOROPHYL		GMP	
		LINS, COPPER COMPLEXES			
		Canthaxanthin	161g	GMP 50 m /	
		Steviol glycosides	960	50 mg/kg	
		Indigotine (Indigo carmine)	132	50 mg/kg	

Table 12

Table 1	12	
nd protein pro	ducts	
d Additive	INS	

Food	Food	Food Additive	INS	Recommended	Note
categor	Category		No	Maximum	
y System	Name			Level	
-		Lauric arginate ethyl ester	243	200 mg/kg	127
		<sup>52[</sup> Sodium aluminosilicate]	554	570 mg/kg	6
		Sucralose (Trichlorogalacto sucrose)	955	50 mg/kg	
		Sulphur dioxide	220	350 mg/kg	Carry over from fruit products
		Tartaric acid	334	1,500 mg/kg	
		Curcumin	100	GMP	
12.6	Sauces and like products	Acesulfame potassium	950	1,000 mg/kg	
		Aspartame	951	350 mg /kg	
		Indigotine (indigo carmine)	132	100 mg/kg	
		Allura red AC	129	100 mg/kg	
		Butylated hydroxyanisole (BHA)	320	200 mg/kg	15, 130
		Butylated hydroxytoluene (BHT)	321	100 mg/kg	15, 130
		BENZOATES		1,000 mg/kg	
		Brilliant blue FCF	133	100 mg/kg	

Food	Food	Food Additive	INS	Recommended	Note
categor	Category		No	Maximum	
у	Name			Level	
System					
		CAROTENOID		500 mg/kg	
		S			
		CHLOROPHYL		100 mg/kg	
		LS AND			
		CHLOROPHYL			
		LINS, COPPER			
		COMPLEXES			
		Canthaxanthin	161g	30 mg/kg	
		Caramel III -	150c	50,000 mg/kg	
		ammonia caramel			
		Caramel IV –	150d	30,000 mg/kg	
		sulfiteammonia			
		caramel			
		Guaiac resin	314	600 mg/kg	
		HYDROXYBEN		1,000 mg/kg	
		ZOATES,			
		PARA-			
		IRON OXIDES		75 mg/kg	
		PHOSPHATES		300 mg/kg	
		Ponceau 4R	124	50 mg/kg	
		Propyl gallate	310	200 mg/kg	
		RIBOFLAVINS		350 mg/kg	
		SACCHARINS		160 mg/kg	
		SULFITES		300 mg/kg	
		Sucralose	955	450 mg/kg	
		(Trichlorogalacto			
		sucrose)			
		Sucroglycerides	474	10,000 mg/kg	
		Sunset yellow	110	100 mg/kg	
		FCF			

Table 12

Salts, spi	ices, soup	os, sala	ds and protein proc	ducts		
Food	Food		Food Additive	INS	Recommended	Note
categor	Categor	<b>y</b>		No	Maximum	
у	Name				Level	
System						
			Tertiary	319	200 mg/kg	
			butylhydroquinon			
			e (TBHQ)			
			L-Tartaric acid		GMP	
			Dimethyl		GMP	
			polysiloxane			
			<sup>52</sup> [Propylene	405	200 mg/kg]	
			glycol alginate			10.15
12.6.1	Emulsif		ASCORBYL		500 mg/kg	10, 15
	sauces	and		1		
	dips	(e.g.		160a(i	2,000 mg/kg	
	mayonn	aise,	vegetable	i)	100 /	
	sald		ETHYLENE		100 mg/kg	
	dressing		DIAMINE			
	onion d	ips)	TETRA			
			ACETATES		100 /	
			Fast green FCF	143	100 mg/kg	
			Grape skin	163(ii)	300 mg/kg	
			extract			
			Lauric arginate	243	200 mg/kg	-
			ethyl ester			
			Neotame	961	65 mg/kg	
			PHOSPHATES		2,200 mg/kg	
			POLYSORBAT ES		3,000 mg/kg	
			SORBATES		1,000 mg/kg	
			Annatto	160b(i	GMP	
				),(ii)		
			Steviol glycosides	960	350 mg/kg	
			Paprika oleoresin	160c(i	GMP	

Table 12

Food	Food	Food Additive	INS	Recommended	Note
categor	Category		No	Maximum	11010
y	Name		110	Level	
s System					
bystem					
12.6.2	Non	ASCORBYL	,	500 mg/kg	10
121012	emulsified	ESTERS			10
	sauces (e.g		160a(i	2,000 mg/kg	
	ketchup,	vegetable	i)		
	cheese sauce,		,	75 mg/kg	21
	cream sauce,	DIAMINE			
	brown gravy)	TETRA			
		ACETATES			
		(EDTA)			
		Grape skin	163(ii)	300 mg/kg	
		extract			
		Annatto	160b(i	GMP	
			),(ii)		
		Steviol glycosides	960	350 mg/kg	
		Paprika oleoresin	160c(i	GMP	
			)		
		Lauric arginate	243	200 mg/kg	
		ethyl ester			
		Neotame	961	70 mg/kg	
		PHOSPHATES		2,200 mg/kg	
		POLYSORBAT		5,000 mg/kg	
		ES			
		SORBATES		1,000 mg/kg	42,127
12.6.3	Mixes for	ASCORBYL		200 mg/kg	10
	sauces and	ESTERS			
	gravies	Curcumin	100	GMP	
		Annatto	160b(i	GMP	
			),(ii)		

Table 12

Salts, spices, soups, salads and protein products								
Food	Food	Food Additive	INS	Recommended	Note			
categor	Category		No	Maximum				
y	Name			Level				
System								
		Steviol glycosides	960	350 mg/kg				
		beta-Carotenes,	160a(i	2,000 mg/kg				
		vegetable	i)					
		Grape skin	163(ii)	300 mg/kg				
		extract						
		Neotame	961	12 mg/kg				
		PHOSPHATES		2,200 mg/kg				
		POLYSORBAT ES		5,000 mg/kg				
		SORBATES		1,000 mg/kg				
		Sodium	554	570 mg/kg				
		aluminosilicate						
12.6.4	Clear sauces	ASCORBYL		200 mg/kg	10			
		ESTERS						
		Aspartame	951	200 mg/kg				
		Neotame	961	12 mg/kg				
		PHOSPHATES		2,200 mg/kg				
		POLYSORBAT ES		5,000 mg/kg				
		SORBATES		1,000 mg/kg				
		Steviol glycosides	960	350 mg/kg				
12.7	Salads (e.g.	Acesulfame	950	350 mg/kg				
	macaroni	potassium						
	salad, potato	-		200 mg/kg	10			
	salad) and							
	sandwich	Aspartame	951	350 mg/kg				
	spreads	BENZOATES		1,500 mg/kg				
	excluding	CAROTENOID		50 mg/kg				
	cocoa-and	S						

Table 12

Salts, spices, soups, salads and protein products								
Food	Food	Food Additive	INS	Recommended	Note			
categor	Category		No	Maximum				
У	Name			Level				
System								
	nut-based	Caramel III -	150c	50,000 mg/kg				
	spreads of	ammonia caramel						
	food	Caramel IV –	150d	50,000 mg/kg				
	categories	sulfiteammonia						
	4.2.2.5 and	caramel						
	5.1.3	beta-Carotenes,	160a(i	1,000 mg/kg				
		vegetable	i)					
		ETHYLENE		100 mg/kg				
		DIAMINE						
		TETRA						
		ACETATES						
		Grape skin	163(ii)	1,500 mg/kg				
		extract						
		Lauric arginate	243	200 mg/kg				
		ethyl ester						
		Neotame	961	33 mg/kg				
		POLYSORBAT		2,000 mg/kg				
		ES						
		Ponceau 4R	124	100 mg/kg				
		SACCHARINS		200 mg/kg				
		SORBATES		1,500 mg/kg				
		Steviol glycosides	960	115 mg/kg				
		Sucralose	955	1,250 mg/kg				
		(Trichlorogalacto						
		sucrose)						
12.8	Yeast and	Butylated	320	200 mg/kg	15			
	like products	hydroxyanisole						
	1	(BHA)						
		<sup>70</sup> [Sorbitan	491	10,000 mg/kg]				
		monostearate						

Table 12

Salts, spi	ices, soups, sala	ds and protein proc	lucts		
Food	Food	Food Additive	INS	Recommended	Note
categor	Category		No	Maximum	
У	Name			Level	
System					
12.9	Soybean-	PHOSPHATES		1,200 mg/kg	
	based				
	seasonings				
	and				
	condiments				
12.9.1	Fermented	RIBOFLAVINS		30 mg/kg	
	soybean	SACCHARINS		200 mg/kg	
	paste	SORBATES		1,000 mg/kg	
12.9.2	Soybean	<sup>82</sup> [BENZOATES		750 mg/kg]	
	sauce				
12.9.2.1	Fermented	Caramel III -	150c	20,000 mg/kg	207
	soybean	ammonia caramel			
	sauce	Caramel IV –	150d	60,000 mg/kg	
		sulfiteammonia			
		caramel SACCHARINS		500 mg/kg	
		SORBATES		1,000 mg/kg	42
		Steviol glycosides	960	30 mg/kg	26
12.9.2.2	Non-	Caramel III -	150c	1,500 mg/kg	20
121/1212	fermented	ammonia caramel	1000	1,500 mg/mg	
	soybean	Steviol glycosides	960	165 mg/kg	26
	sauce				
12.9.2.3	Other	Caramel III -	150c	20,000 mg/kg	
	soybean	ammonia caramel			
	sauces	SORBATES		1,000 mg/kg	42
		Steviol glycosides	960	165 mg/kg	26
12.10	Protein				
	products				
	other than				
	from				
	soybeans				

Table 12

## Table 13

Foodstuffs	intended for <b>p</b>	articular nut	ritional uses			
Food Category system	Food Category Name	Food Additive	INS No	Recommen ded Maximum level	Note	
13.0	Food Stuffs intended for particular nutritional uses	categories an Food Safety and Food A Safety and S Nutraceutica for Special I	Food additive provisions for the products under these categories are provided in the relevant standards of Food Safety and Standards (Food Products Standards and Food Additives) Regulations, 2011 or Food Safety and Standards (Food or Health Supplements, Nutraceuticals, Foods for Special Dietary Uses, Foods for Special Medical Purpose, Functional Foods, and Novel Food) Regulations, 2016 as the case may be.			

## Table 14

Beverage	es, excluding dairy	products			
Food Categor y system	Food Category Name	Food Additive	INS No	Recommende d Maximum level	Note
14.0	Beverages, excluding dairy products				
14.1	Non-alcoholic ("soft") beverages				
14.1.1	Waters	No additives pern	nitted		
14.1.1.1	Naturalmineralwatersandsourcewaters	No additives pern	nitted		

and sold waters14.1.2Fruit and vegetable juices14.1.2.1Fruit juicesfruit juices for (fruit juices for industrial use,Ascorbic acid, Calcium300GMPGMP	
vegetable juices14.1.2.1Fruit juices (fruit juices for L-Ascorbic acid, L-300GMP	
14.1.2.1Fruit juices (fruit juices forAscorbic acid, L-300GMP	
(fruit juices for L-	
industrial use, Calcium 302 GMP	
thermally ascorbate	
processed fruitsCarbon dioxide290GMP69	9
juices) BENZOATES 1,000 mg/kg 9	1,13
Citric acid 330 GMP	
Malic acid, DL-296GMP1	15
Nitrogen 941 GMP	
PHOSPHATES1,000 mg/kg40	0, 33
Pectins 440 GMP 3	35
SORBATES 1,000 mg/kg 9	91,42
SULFITES50 mg/kg4	14
82	<sup>2</sup> [For
ir	ndustrial
	se at
	000
m m	ng/kg
m m	naximu
	n]
Sodium 301 GMP	
ascorbate	
TARTRATES4,000 mg/kg4	5
Alginic acid 400 GMP	
Sodium alginate 401 GMP	
Calcium alginate 404 GMP	
Propylene glycol 405 GMP	
alginate	
Gum arabic 414 GMP	
Potassium 402 GMP	
alginate	

		Pectins	440	GMP	
		<sup>52</sup> [Glycerol ester	445(iii	100 mg/kg	
		of wood resin]	)		
		Alginic acid	400	GMP	
		Gellan gum	418	GMP	
		Acetic acid	260	GMP	
		Lactic acid	270	GMP	
		L-Tartaric acid	334	GMP	
		Nitrogen	918	GMP	
		Carbon dioxide	290	GMP	
		<sup>70</sup> [Nisin	234	5,000 IU	FS04b]
14.1.2.2	Vegetable	Ascorbic acid,	300	GMP	
	juices(vegetable	L-			
	juices for	Citric acid	330	GMP	
	industrial use,	Carbon dioxide	290	GMP	
	thermally	Malic acid, DL-	296	GMP	
	processed	SULFITES		50 mg/kg	44
	vegetable				<sup>82</sup> [For
	juices,				industrial
	thermally				use at
	processed				1000
	tomato juice)				mg/kg
					maximu
					m]
		Lactic acid	270	GMP	
		Alginic acid	400	GMP	
		L-Tartaric acid	334	GMP	
		PHOSPHATES		GMP	33
		Sucralose	955	250 mg/kg	
		Nitrogen	941	GMP	
		TOCOPHERO		GMP	
		LS			
		Acetic acid	260	GMP	
		BENZOATES		600 mg/kg	13
		Sulphur	220	1,000 mg/kg	
		dioxide			

14.1.2.3	<b>Concentrates of</b>	Ascorbic acid,	300	GMP	127
	fruitjuices	L-			
	(concentrated	Acetic acid	260	GMP	
	fruit juices for	BENZOATES		1,000 mg/kg	13, 127,
	industrial use)				91
		Calcium	302	GMP	127
		ascorbate			
		Carbon dioxide	290	GMP	69, 127
		Citric acid	330	GMP	127
		Malic acid, DL-	296	GMP	127
		Lactic acid	270	GMP	127
		PHOSPHATES		1,000 mg/kg	127, 33,
					40
		Pectins	440	GMP	35, 127
		SORBATES		1,000 mg/kg	127, 91,
					42
		SULFITES		50 mg/kg	44, 127
					<sup>82</sup> [For
					industrial
					use at
					1000
					mg/kg
					maximu
					m]
		Sodium	301	GMP	127
		ascorbate		4.000 //	
		TARTRATES		4,000 mg/kg	129, 128,
		<b>D</b> : 1.1	0.00	10 /	127, 45
		Dimethyl	900a	10mg/kg	
		polysiloxane	451	10 /	
		Mono-and	471	10mg/kg	
		diglycerides of			
		fatty acids of			
		edible oils	010		
		Nitrogen	918	GMP	
		<sup>52</sup> [omit		]	

		Alginic acid	400	GMP	
		Acetic acid	260	GMP	
14.1.2.4	<b>Concentrates of</b>	Ascorbic acid,	300	GMP	
	vegetable juices	L-			
	(concentrated	Citric acid	330	GMP	
	vegetable	Sucralose	955	1,250 mg/kg	127
	Juices for	Lactic acid	270	GMP	
	industrial use)	Dimethylpolysil	900a	10 mg/kg	127
		oxane			
		<sup>52</sup> [Mono-and	471	10mg/kg	127
		diglycerides of			
		fatty acids]			
		Nitrogen	<sup>52</sup> [941	GMP	
			]		
		Carbon dioxide	290	GMP	
		Malic acid – DL	296	GMP	
		SULFITES		50 mg/kg	<sup>82</sup> [44,
					127, For
					industria
					l use at
					1500
					mg/kg
					maximu
					m]
		Alginic acid	400	GMP	
		Acetic acid	260	GMP	
		BENZOATES		600 mg/kg	13
		SORBATES		100 mg/kg	42,127
14.1.3	Fruit and	Steviol	960	200 mg/kg	26
	vegetable	glycosides			
	nectars				
14.1.3.1	Fruit nectar	Acesulfame	950	350 mg/kg	188
		potassium			
		Ascorbic acid,	300	GMP	
		L-			
		Aspartame	951	600 mg/kg	191

Calcium	302	GMP	
ascorbate	502	Givin	
BENZOATES		1,000 mg/kg	91, 13
Carbon dioxide	290	GMP	69
Citric acid	330	GMP	
Malic acid, DL-	296	GMP	
PHOSPHATES		1,000 mg/kg	40,33
Pectins	440	GMP	
SACCHARINS		80 mg/kg	
Sodium	301	GMP	
ascorbate			
SORBATES		1,000 mg/kg	42, 91
SULFITES		70mg/kg	44
Sucralose	955	300 mg/kg	
(Trichlorogalact			
osucrose)			
TARTRATES		4,000 mg/kg	128, 45
Alginic acid	400	GMP	
Sodium alginate	401	GMP	
Calcium alginate	404	GMP	
Propylene glycol alginate	405	GMP	
Chlorophylls	140	100 mg/kg	
Caramel	150a	100 mg/kg	
Curcumin	100	100 mg/kg	
beta-Carotenes,	160a(i	100 mg/kg	
vegetable	i)		
CAROTENOI DS		100 mg/kg	
Canthaxanthin	161g	100 mg/kg	
RIBOFLAVIN		100 mg/kg	
S			
Annatto	160b(i	100 mg/kg	
Saffron	),(ii)	CMD	
Samoli		GMP	

14.1.3.2	Vegetable	Acesulfame	950	350 mg/kg	188
	nectar	potassium			
		Ascorbic acid,	300	GMP	
		L-			
		Aspartame	951	600 mg/kg	191
		BENZOATES		120 mg/kg	13
		Citric acid	330	GMP	
		Curcumin	100	100 mg/kg	
		Malic acid, DL-	296	GMP	
		Neotame	961	65 mg/kg	
		Pectins	440	GMP	
		SACCHARINS		80 mg/kg	
		Saffron		GMP	
		SORBATES		300 mg/kg	42
		Sucralose	955	300 mg/kg	
		(Trichlorogalact			
		osucrose)			
		Alginic acid	400	GMP	
		Chlorophylls	140	100 mg/kg	
		Caramel	150a	100 mg/kg	
		<sup>52</sup> [Omit		]	
		beta-Carotenes,	160a(i	100 mg/kg	
		vegetable	i)		
		CAROTENOI		100 mg/kg	
		DS			
		Canthaxanthin	161g	100 mg/kg	
		RIBOFLAVIN		100 mg/kg	
		S			
		Annatto	160(b)	100 mg/kg	
			(i), (ii)		
		SULPHITES		70 mg/kg	44
		Sodium	452(i)	1,000 mg/kg	
		hexametaphosph			
		ate			
		Tartaric acid	334	GMP	

14.1.3.3	<b>Concentrates of</b>	Acesulfame	950	350 mg/kg	188, 127
	fruit nectar	potassium			
		Ascorbic acid,	300	GMP	127
		L-			
		Alginic acid	400	GMP	
		Sodium alginate	401	GMP	
		Calcium alginate	404	GMP	
		Propylene glycol	405	GMP	
		alginate			
		Aspartame	951	600 mg/kg	191, 127
		BENZOATES		1,000 mg/kg	13,91,127
		Calcium	302	GMP	127
		ascorbate			
		Carbon dioxide	290	GMP	69, 127
		Citric acid	330	5,000 mg/kg	127
		Malic acid, DL-	296	GMP	127
		Lecithins	322(i),	GMP	
			(ii)		
		PHOSPHATES		1,000 mg/kg	40, 33, 12 7
		Pectins	440	GMP	127
		SACCHARINS		80 mg/kg	127
		SORBATES		1,000 mg/kg	127, 91,
					42
		Sodium	301	GMP	127
		ascorbate			
		Sucralose	955	300 mg/kg	127
		(Trichlorogalact			
		osucrose)			
		SULFITES		50 mg/kg	44, 127
		TARTRATES		4,000 mg/kg	45,127
14.1.3.4	<b>Concentrates of</b>	Acesulfame	950	350 mg/kg	127,188
	vegetable	potassium			
	nectar	Ascorbic acid,	300	GMP	
		L-			
		Aspartame	951	600 mg/kg	127

		BENZOATES		600 mg/kg	13,127
		Citric acid	330	GMP	
		Malic acid, DL-	296	GMP	
		Neotame	961	65 mg/kg	127
		Pectins	440	GMP	
		SULFITES		50 mg/kg	127, 44
		Sucralose	955	300 mg/kg	
		(Trichlorogalact			127
		osucrose)			
14.1.4	Water-based	ASCORBYL		1,000 mg/kg	15, 10
	flavoured	ESTERS			
	drinks,	Acesulfame	950	600 mg/kg	188
	including	potassium			
	"sport,""energ	<sup>75</sup> [Omitted]			
	y," or l "electrolyte"	Allura red AC	129	100 mg/kg	127
	drinks and - particulated	Anthocyanins	163(i), (iii)	GMP	
	drinks, includes	Aspartame	951	600 mg/kg	191
	carbonated fruit beverages,	BENZOATES		600 mg/kg	13, 301,1 23
	carbonated -	Beeswax	901	200 mg/kg	131
	beverages with fruit	Brilliant blue FCF	133	100 mg/kg	131
	-	CAROTENOI DS		100 mg/kg	
	-	CHLOROPHY LLS AND		300 mg/kg	127
		CHLOROPHY			
		LLINS,			
		COPPER			
		COMPLEXES	0.05		
	-	Candelilla wax	902	200 mg/kg	131
		Caramel III - ammonia	150c	5,000 mg/kg	9

	Caramel IV –	150d	50,000 mg/kg	127
	sulfite ammonia			
	caramel			
	Carnauba wax	903	200 mg/kg	131
	beta-Carotenes,	160a(i	2,000 mg/kg	
	vegetable	i)		
	Cyclodextrin,	459	500 mg/kg	
	beta-			
	Diacetyltartaric	472e	5,000 mg/kg	127
	and fatty acid			
	esters of			
	glycerol			
	ETHYLENE		200 mg/kg	21
	DIAMINE			
	TETRA			
	ACETATES			
	Fast green FCF	143	100 mg/kg	
	Glycerol ester of	445(iii	150 mg/kg	100
	wood rosin	)		mg/kg
				max for
				carbonate
				d water
	Grape skin	163(ii)	300 mg/kg	181,127
	extract			
	HYDROXYBE		500 mg/kg	27
	NZOATES,			
	PARA-			
	<b>IRON OXIDES</b>		100 mg/kg	
	Indigotine	132	100 mg/kg	
	(Indigo carmine)			
	Isopropyl	384	200 mg/kg	
•				
	citrates			
	citrates Neotame	961	33 mg/kg	
		961	33 mg/kg 1,000 mg/kg	33,127
	Neotame	961		33,127 127
	Neotame PHOSPHATES	961	1,000 mg/kg	

Polyethylene glycol15211,000 mg/kgPonceau 4R124100 mg/kg50 mg/kg max for carbonate d waterPropyl gallate3101,000 mg/kg15Propylene glycol esters of fatty acids477500 mg/kg50QUILLAIA esters of fatty acids50 mg/kg $^{52}$ [293, 132]RIBOFLAVIN S100mg/kg132]RIBOFLAVIN SULFITES100mg/kg132]SULFITES500 mg/kg42, 127SULFITES70 mg/kg143, 44, 127Stannous chloride51220 mg/kg43Stearyl citrate484500 mg/kg26Sucralose glycosides955300 mg/kg127Sucralose (Trichlorogalact osucrose)160b(i (100 mg/kg127Canthaxanthin Loig161g100 mg/kg127Carmoisine122100 mg/kg127Dimethyl dicarbonate242250 mg/kg18 (subject		Polydimethylsil oxane	900a	20 mg/kg	127
Propyl gallate3101,000 mg/kg15Propyl gallate3101,000 mg/kg15Propylene glycol477500 mg/kg52[293,esters of fatty acidsacids50 mg/kg52[293,QUILLAIA EXTRACTS500 mg/kg132]RIBOFLAVIN S1000mg/kg132]RIBOFLAVIN S1000mg/kg143, 44, 127SULFITES70 mg/kg143, 44, 127Stannous chloride51220 mg/kgStearyl citrate484500 mg/kgStearyl citrate484500 mg/kgSterviol glycosides960200 mg/kgSucralose (Trichlorogalact osucrose)955300 mg/kgAnnatto160b(i ), (ii)100 mg/kgCanthaxanthin 161g100 mg/kg127Carmoisine122100 mg/kgErythrosine12750 mg/kgDimethyl dicarbonate242250 mg/kgDimethyl dicarbonate242250 mg/kg			1521	1,000 mg/kg	
Propylene glycol esters of fatty acids477500 mg/kgQUILLAIA EXTRACTS50 mg/kg52[293, 132]RIBOFLAVIN S100mg/kg132]RIBOFLAVIN SULFITES100mg/kg42, 127SULFITES70 mg/kg143, 44, 127Stannous chloride51220 mg/kgStearyl citrate484500 mg/kgStearyl citrate484500 mg/kgStearyl citrate960200 mg/kgSucralose (Trichlorogalact osucrose)955300 mg/kgAnnatto160b(i ), (ii)100 mg/kgCarthaxanthin161g100 mg/kgCurcumin100100 mg/kgErythrosine12750 mg/kgDimethyl dicarbonate242250 mg/kgDimethyl dicarbonate242250 mg/kg		Ponceau 4R	124	100 mg/kg	max for carbonate
esters of fatty acids QUILLAIA EXTRACTS RIBOFLAVIN S SORBATES SORBATES SORBATES SORBATES SORBATES SORBATES SORBATES SOULFITES SULFITES Stannous chloride Stearyl citrate Stearyl citrate Steviol glycosides Sucralose (Trichlorogalact osucrose) Annatto 160b(i 100 mg/kg (Trichlorogalact osucrose) Annatto 160b(i 100 mg/kg Carmoisine 122 100 mg/kg Carmoisine 127 S0 mg/kg Steviol glycosides Sucralose (Trichlorogalact osucrose) Annatto 160b(i 100 mg/kg Carmoisine 127 S0 mg/kg Steviol glycoside Sucralose (Trichlorogalact osucrose) Annatto 160b(i 100 mg/kg Carmoisine 127 S0 mg/kg Steviol Sucralose (Trichlorogalact osucrose) Annatto 160b(i 100 mg/kg Steviol (Trichlorogalact osucrose) Annatto 160b(i 100 mg/kg Steviol (Trichlorogalact		Propyl gallate	310	1,000 mg/kg	15
EXTRACTS132]RIBOFLAVIN S100mg/kgSORBATES500 mg/kgSORBATES500 mg/kgSULFITES70 mg/kgStannous chloride512Stannous chloride20 mg/kgStearyl citrate484Steviol glycosides960Sucralose (Trichlorogalact osucrose)955Annatto160b(i ), (ii)Canthaxanthin161g100 curcumin100100 mg/kg127Carmoisine122I00 curcumin12750 mg/kg18 (subjectStarphylic curcumin242250 mg/kg18 (subject		esters of fatty	477	500 mg/kg	
RIBOFLAVIN S100mg/kgSORBATES500 mg/kg42, 127SULFITES70 mg/kg143, 44, 127Stannous chloride51220 mg/kg43Stearyl citrate484500 mg/kg26 glycosidesSucralose (Trichlorogalact osucrose)955300 mg/kg127Annatto160b(i ), (ii)100 mg/kg127Carthaxanthin161g100 mg/kg26Curcumin100100 mg/kg127Carmoisine122100 mg/kg127Dimethyl dicarbonate242250 mg/kg18 (subject		QUILLAIA		50 mg/kg	<sup>52</sup> [293,
S         500 mg/kg         42, 127           SULFITES         70 mg/kg         143, 44, 127           Stannous         512         20 mg/kg         43           chloride         127         127           Stannous         512         20 mg/kg         43           chloride         127         127           Stannous         512         20 mg/kg         43           chloride         960         200 mg/kg         26           glycosides         955         300 mg/kg         127           Sucralose         955         300 mg/kg         127           osucrose)         160b(i         100 mg/kg         127           Canthaxanthin         161g         100 mg/kg         127           Curcumin         100         100 mg/kg         127           Carmoisine         122         100 mg/kg         127           Dimethyl         242         250 mg/kg         18           Gicarbonate         1242         250 mg/kg         18		EXTRACTS			132]
SORBATES         500 mg/kg         42, 127           SULFITES         70 mg/kg         143, 44, 127           Stannous         512         20 mg/kg         43           chloride         20 mg/kg         43           Stearyl citrate         484         500 mg/kg         26           glycosides         960         200 mg/kg         26           glycosides         955         300 mg/kg         127           Sucralose         955         300 mg/kg         127           osucrose)         160b(i         100 mg/kg         127           Canthaxanthin         161g         100 mg/kg         127           Curcumin         100         100 mg/kg         127           Dimethyl         242         250 mg/kg         18		RIBOFLAVIN		100mg/kg	
SULFITES70 mg/kg143, 44, 127Stannous chloride51220 mg/kg43Stearyl citrate484500 mg/kg20Steviol glycosides960200 mg/kg26Sucralose (Trichlorogalact osucrose)955300 mg/kg127Annatto160b(i ), (ii)100 mg/kg127Canthaxanthin161g100 mg/kg200Curcumin100100 mg/kg127Dimethyl dicarbonate2202618 (subject		S			
Stannous chloride512 20 mg/kg127Stannous chloride512 20 mg/kg43Stearyl citrate484 960 200 mg/kg50 200 mg/kgSteviol glycosides960 960 200 mg/kg26Sucralose (Trichlorogalact osucrose)955 100 mg/kg300 mg/kg 127Annatto160b(i ), (ii)100 mg/kg 127Canthaxanthin 161g161g 100 mg/kg100 mg/kgCurcumin Erythrosine122 127100 mg/kgDimethyl dicarbonate242 250 mg/kg18 (subject		SORBATES		500 mg/kg	42, 127
Stannous chloride51220 mg/kg43Stearyl citrate484500 mg/kgStearyl citrate484500 mg/kg26glycosides960200 mg/kg26Sucralose (Trichlorogalact osucrose)955300 mg/kg127Annatto160b(i ), (ii)100 mg/kg127Canthaxanthin161g100 mg/kgCurcumin100100 mg/kgCarmoisine122100 mg/kgErythrosine12750 mg/kgDimethyl dicarbonate242250 mg/kg18 (subject		SULFITES		70 mg/kg	143, 44,
chlorideStearyl citrate484500 mg/kgStearyl citrate484500 mg/kg26glycosides960200 mg/kg26glycosides955300 mg/kg127Sucralose955300 mg/kg127osucrose)160b(i100 mg/kg127Annatto160b(i100 mg/kg100Canthaxanthin161g100 mg/kg100Curcumin100100 mg/kg100Erythrosine122100 mg/kg18Dimethyl242250 mg/kg18dicarbonate10010818					127
Stearyl citrate484500 mg/kgSteviol960200 mg/kg26glycosides955300 mg/kg127Sucralose955300 mg/kg127osucrose)160b(i100 mg/kgAnnatto160b(i100 mg/kg), (ii)100 mg/kgCanthaxanthin161g100 mg/kgCurcumin100100 mg/kgErythrosine12750 mg/kgDimethyl242250 mg/kg18(subject		Stannous	512	20 mg/kg	43
Steviol glycosides960 200 mg/kg26Sucralose (Trichlorogalact osucrose)955 (Trichlorogalact osucrose)300 mg/kg 127Annatto160b(i ), (ii)100 mg/kg (Trichlorogalact osucrose)Canthaxanthin (ii)161g (100 mg/kg100 mg/kgCurcumin Carmoisine100 122100 mg/kgErythrosine Dimethyl dicarbonate127 (S0 mg/kg18 (subject		chloride			
glycosidesglycosides127Sucralose955300 mg/kg127(Trichlorogalact osucrose)160b(i 100 mg/kg127Annatto160b(i 1, (ii)100 mg/kgCanthaxanthin161g 100 mg/kg100 mg/kgCurcumin100 100 mg/kg100 mg/kgCarmoisine122 100 mg/kg127Erythrosine127 50 mg/kg18 (subject)		Stearyl citrate	484	500 mg/kg	
Sucralose955300 mg/kg127Sucrose)160b(i100 mg/kg127Annatto160b(i100 mg/kg100 mg/kgCanthaxanthin161g100 mg/kg100 mg/kgCurcumin100100 mg/kg100 mg/kgCarmoisine122100 mg/kg100 mg/kgErythrosine12750 mg/kg18Dimethyl242250 mg/kg18dicarbonate100 mg/kg100 mg/kg		Steviol	960	200 mg/kg	26
(Trichlorogalact osucrose)127Annatto160b(i ), (ii)100 mg/kgCanthaxanthin161g100 mg/kgCurcumin100100 mg/kgCarmoisine122100 mg/kgErythrosine12750 mg/kgDimethyl dicarbonate242250 mg/kg18 (subject		glycosides			
osucrose)Image: source of the second sec		Sucralose	955	300 mg/kg	
Annatto160b(i ), (ii)100 mg/kg ), (ii)Canthaxanthin161g100 mg/kgCurcumin100100 mg/kgCarmoisine122100 mg/kgErythrosine12750 mg/kgDimethyl dicarbonate242250 mg/kg18 (subject		(Trichlorogalact			127
), (ii)), (ii)Canthaxanthin161g100 mg/kgCurcumin100100 mg/kgCarmoisine122100 mg/kgErythrosine12750 mg/kgDimethyl242250 mg/kg18dicarbonate18(subject		osucrose)			
Canthaxanthin161g100 mg/kgCurcumin100100 mg/kgCarmoisine122100 mg/kgErythrosine12750 mg/kgDimethyl242250 mg/kg18dicarbonate18(subject		Annatto	160b(i	100 mg/kg	
Curcumin100100 mg/kgCarmoisine122100 mg/kgErythrosine12750 mg/kgDimethyl242250 mg/kg18dicarbonate18(subject)			), (ii)		
Carmoisine122100 mg/kgErythrosine12750 mg/kgDimethyl242250 mg/kg18dicarbonate(subject)		Canthaxanthin	161g	100 mg/kg	
Erythrosine12750 mg/kgDimethyl dicarbonate242250 mg/kg18 (subject)		Curcumin	100	100 mg/kg	
Dimethyl dicarbonate242250 mg/kg18 (subject)		Carmoisine	122	100 mg/kg	
dicarbonate (subject	-	Erythrosine	127	50 mg/kg	
dicarbonate (subject	-	Dimethyl	242	250 mg/kg	18
		•			(subject
to a					

1		[			maximu
					m math an al
					methanol
					content in
					final
					product
					as 200
	-	a. 22			mg/litre)
	-	Saffron		GMP	
	_	Tartrazine	102	100 mg/kg	
	-	Sucroglycerides	474	200 mg/kg	219
		Sucrose acetate	444	500 mg/kg	
	_	isobutyrate			
		Sunset yellow	110	100 mg/kg	127
	_	FCF			
		THIODIPROP		1,000 mg/kg	15, 46
		IONATES			
		Triethyl citrate	1505	200 mg/kg	
		Quinine salts		100 mg/kg	
		<sup>82</sup> [TARTRATE		800 mg/kg]	
		S			
14.1.4.1	Carbonated	Canthaxanthin	161g	5 mg/kg	
	water-based	Lauric arginate	243	50 mg/kg	
	flavoured	ethyl ester			
	drinks	RIBOFLAVIN		50 mg/kg	
	(beverages non-	S			
	alcoholic-	SACCHARINS		300 mg/kg	
	cabonated,	I			
	carbonated				
	water)				
14.1.4.2	Non-	Lauric arginate	243	50 mg/kg	
	carbonated	ethyl ester			
	water-based				
	flavoured	RIBOFLAVINS		50 mg/kg	
	1	<b>SACCITADING</b>		300 mg/kg	
	drinks	SACCHARINS L-Tartaric acid		GMP	

punches and ades, ginger cocktail (ginger beer and gingerale), thermally processed fruit drinks/ready to serve fruit beveragesmixes.]Curcumin100200 mg/kgbeer and gingerale), thermally vegetable160a(i i)200 mg/kgbeta-Carotenes, vegetable160a(i i)200 mg/kgcocktail (ginger beer and gingerale), thermally processed fruit beverages/fruitDeta-Carotenes, vegetable160a(i i)complexity200 mg/kgbeta-Carotenes, vegetable100200 mg/kgcomplexity200 mg/kgcomplexity52[omit100	
cocktail (ginger beer gingerale), thermally processed fruit beverages/ fruit drinks/ready to servebeta-Carotenes, theta-Carotenes, i)160a(i i)200 mg/kgCAROTENOIDS serve200 mg/kg	
beerand gingerale), thermally processed fruit beverages/ fruit drinks/ready to servebeta-Carotenes, theta-Carotenes, i)160a(i i)200 mg/kgCAROTENOIDS serve200 mg/kg	
gingerale), thermally processed fruit beverages/ fruit drinks/ready to serve fruitbeta-Carotenes, vegetable160a(i i)200 mg/kgCAROTENOIDS 52[omit200 mg/kg	
thermally processed fruit beverages/ fruit drinks/ready to serve fruitbeta-Carotenes, vegetable160a(i i)200 mg/kgi)i)200 mg/kgi)i)i)	
i)     i)       processed fruit     vegetable       beverages/ fruit     i)       drinks/ready to     CAROTENOIDS       serve     fruit	
processed fruit beverages/ fruit drinks/ready to serve fruitvegetable1)1)1)200 mg/kg	
drinks/ready to serve     CAROTENOIDS     200 mg/kg	
serve fruit	
serve fruit	
beverages <sup>52</sup> [omit	
Annatto <sup>52</sup> [160 200 mg/kg	
b (i), (ii)]	
Saffron GMP	
Ponceau 4R 124 200 mg/kg XT9	19
Carmoisine 122 200 mg/kg XT9	9
Erythrosine 127 100 mg/kg XT9	19
Tartarzine102200 mg/kgXT9	19
Sunsetyellow110200 mg/kgXT9	19
FCF	
Indogotine 132 200 mg/kg XT9	19
(Indigo carmine)	
Brilliant Blue 133 200 mg/kg XT9	19
FCF	
Fast green FCF143200 mg/kgXT9	19
BENZOATES 600 mg/kg	
SULFITES 350 mg/kg XT1	
SORBATES 1,000 mg/kg XT1	.01
Propylene glycol 405 GMP	
alginate	
Alginic acid400GMP	

		Sodium alginate	401	GMP	
		Calcium alginate	404	GMP	
		<sup>52</sup> [omit			]
		Glycerol ester of	445(iii	100 mg/kg	
		wood rosin	)		
		Sodium	554	5 g/kg	
		aluminium silicate			
14.1.4.3	Concentrates	<sup>77</sup> [No colours per	mitted in	n iced tea and	d iced tea
	(liquid or solid)	mixes.]			
	for water-based	Canthaxanthin	161g	5 mg/kg	127,
	flavoured				XT102
	drinks	Ferric ammonium	381	10 mg/kg	23
	(synthetic	citrate			
	syrups for	Lauric arginate	243	50 mg/kg	127
	dispensers,	ethyl ester			
	sharbat	Polyvinylpyrrolid	1201	500 mg/kg	
	(synthetic	one			
	syrup)*,	RIBOFLAVINS		50 mg/kg	XT102
	squashes,	SACCHARINS		300 mg/kg	127
	crushes, fruit	<sup>70</sup> [*The following	additives	permitted in	127]
	syrups, cordials	synthetic syrups for	dispense	ers	
	and barley water	L-Tartaric acid	334	GMP	
		Phosphoric acid	338	GMP	In cola
		-			beverages
					only
		SACCHARINS		450 mg/kg	
		Aspartame	951	3,000 mg/kg	
		Acesulfame	950	1,500 mg/kg	
		potassium			
		Curcumin	100	200 mg/kg	XT102
		beta-Carotenes,	160a	200 mg/kg	XT102
		vegetable	(ii)		
		CAROTENOIDS		200 mg/kg	XT102
1		Canthaxanthin	161g	200 mg/kg	

RIBOFLAVINS		200 mg/kg	XT102
Annatto	160b	200 mg/kg	XT102
	(i), ii)		
Saffron		GMP	
Ponceau 4R	124	200 mg/kg	127
Carmoisine	122	200 mg/kg	127
Erythrosine	127	100 mg/kg	127
Tartarzine	102	200 mg/kg	127
Sunset yellow	110	200 mg/kg	127
FCF			
Indogotine	132	200 mg/kg	127
(Indigo carmine)			
Brilliant blue FCF	133	200 mg/kg	127
Fast green FCF	143	200 mg/kg	127
BENZOATES		600mg/kg	127
SULFITES		350 mg/kg	44
Glycerol ester of	445(ii	450 mg/kg	127
wood rosin	i)		
Quinine sulphate		450 mg/kg	Subject to
			100
			mg/kg in
			ready to
			serve
			beverage
			after
			dilution
<sup>70</sup> [*The following a	additives	are permitted	127]
in sharbat (synthetic	c syrup)		
L-Tartaric acid	334	GMP	
Curcumin	100	200 mg/kg	
beta-Carotenes,	160a(i	200 mg/kg	
vegetable	i)		
CAROTENOIDS		200 mg/kg	
Canthaxanthin	161g	200 mg/kg	
RIBOFLAVINS		200 mg/kg	
Annatto	160(b)	200 mg/kg	

		Ponceau 4R	124	200 mg/kg	
		Saffron		GMP	
		Erythrosine	127	100mg/kg	
		Carmosine	122	200 mg/kg	
		Sunset yellow FCF	110	200mg/kg	
		Indogotine	132	200mg/kg	
		(Indigo carmine)			
		Brilliant blue FCF	133	200mg/kg	
		Fast green FCF	143	200mg/kg	
		Tartrazine	102	200 mg/kg	
		BENZOATES		600 mg/kg	13
		SULFITES		350 mg/kg	122, 44
		SORBATES		1,000 mg/kg	42
		Propylene glycol	405	GMP	
		alginate			
14.1.5 Coffee	e, coffee	Acesulfame	950	600 mg/kg	188, 160
/coffee	9	potassium			
substi	tutes, tea,	Acetic acid,	260	GMP	160
herba	1	glacial			
infusio	<i>,</i>	Acetic and fatty	472a	GMP	160
other	hot cereal	acid esters of			
and	grain	glycerol			
	ages,	Acetylated	1422	GMP	160
exclud	ling cocoa	distarch adipate			
		Acetylated	1414	GMP	160
		distarch			
		phosphate			
		Acid-treated	1401	GMP	160
		starch			
		Alginic acid	400	GMP	160
		Agar	406	GMP	160
		Alkaline treated	1402	GMP	160
		starch			
		Ascorbic acid, L-	300	GMP	160
		Aspartame	951	600 mg/kg	160

BENZOATES		1,000 mg/kg	13
Beeswax	901	GMP	108
Bleached starch	1403	GMP	160
Calcium	170(i)	GMP	160
carbonate			
Calcium chloride	509	GMP	160
Calcium lactate	327	GMP	160
Candelilla wax	902	GMP	108
Carbon dioxide	290	GMP	59,160
Caramel III -	150c	10,000	7,160
ammonia caramel		mg/kg	
Caramel IV –	150d	10,000	7,127
sulfite ammonia		mg/kg	
caramel			
Carnauba wax	903	200 mg/kg	108
Carob bean gum	410	GMP	160
Carrageenan	407	GMP	160
Citric acid	330	GMP	160
Citric and fatty	472c	GMP	160
acid esters of			
glycerol			
Dextrins, roasted	1400	GMP	90,160
starch			
Diacetyltartaric	472e	500 mg/kg	142
and fatty acid			
esters of glycerol			
Dimethyl	242	250 mg/kg	18
dicarbonate			
Distarch	1412	GMP	160
phosphate			
Disodium 5'-	627	GMP	201
guanylate			
Disodium 5'-	631	GMP	201
inosinate			
Disodium 5'-	635	GMP	201
Ribonucleotides			

ETHYLENE	386	35 mg/kg	21
DIAMINE			
TETRA			
ACETATES			
Fumaric acid	297	GMP	160
Gellan gum	418	GMP	160
Glycerol	422	GMP	160
Guar gum	412	GMP	160
Gum arabic	414	GMP	160
(Acacia gum)			
HYDROXYBEN		450 mg/kg	27,160
ZOATES,			
PARA-			
Hydroxypropyl	463	GMP	160
cellulose			
Hydroxypropyl	1442	GMP	160
distarch			
phosphate			
Hydroxypropyl	464	GMP	160
methyl cellulose			
Hydroxypropyl starch	1440	GMP	160
Karaya gum	416	GMP	160
Konjac flour	425	GMP	160
Lactic and fatty	472b	GMP	160
acid esters of			
glycerol			
Lecithins	322(i),	GMP	160
	(ii)		
Magnesium	504(i)	GMP	160
carbonate			
Magnesium	511	GMP	160
chloride			
Magnesium	528	GMP	160
hydroxide			

Magnesium	504(ii)	GMP	160
hydroxide			
carbonate			
Malic acid, DL-	296	GMP	160
Methyl cellulose	461	GMP	160
Methyl ethyl	465	GMP	160
cellulose			
Microcrystalline	460(i)	GMP	160
cellulose			
(cellulose gel)			
Mono- and di-	471	GMP	160
glycerides of fatty			
acids			
Monosodium L-	621	GMP	160
glutamate			
Monostarch	1410	GMP	160
phosphate			
Neotame	961	50 mg/kg	160
Nitrogen	941	GMP	160, 59
Oxidized starch	1404	GMP	160
PHOSPHATES		300 mg/kg	33, 160
Pectins	440	GMP	160
Phosphated	1413	GMP	160
distarch			
phosphate			
Potassium	501(i)	GMP	160
carbonate			
Potassium	508	GMP	160
chloride			
Potassium	332(i)	GMP	160
dihydrogen citrate			
Powdered	460(ii)	GMP	160
cellulose			
Processed	407a	GMP	160
eucheuma			
seaweed			

Pullulan	1204	GMP	160
SACCHARINS		200 mg/kg	160
SORBATES		500 mg/kg	42,160
Salts of myristic,	470(i)	GMP	160
palmitic and			
stearic acids with			
ammonia,			
calcium,			
potassium and			
sodium			
Salts of oleic acid	470(ii)	GMP	160
with calcium,			
potassium and			
sodium			
Shellac, bleached	904	GMP	108
Sodium DL-	350(ii)	GMP	160
malate			
Silicon dioxide,	551	GMP	321
amorphous			
Sodium acetate	262(i)	GMP	160
Sodium alginate	401	GMP	160
Sodium ascorbate	301	GMP	160
Sodium carbonate	500(i)	GMP	160
Carboxymethyl	466	GMP	160
cellulose			
Sodium	331(i)	GMP	160
dihydrogen citrate			
Sodium fumarates	365	GMP	160
Sodium gluconate	576	GMP	160
Sodium hydrogen	500(ii)	GMP	160
carbonate			
Sodium lactate	325	GMP	160
Starches, enzyme	1405	GMP	160
treated			
Starch sodium	1450	GMP	160
octenyl succinate			

		Steviol glycosides	960	200 mg/kg	160,26
		Sucralose	955	300 mg/kg	160
		(Trichlorogalactos			
		ucrose)			
		Sucroglycerides	474	1,000 mg/kg	176
		Tara gum	417	GMP	160
		Tragacanth gum	413	GMP	160
		Tripotassium	332(ii)	GMP	160
		citrate			
		Trisodium citrate	331(iii	GMP	160
			)		
		Xanthan gum	415	GMP	160
		<sup>82</sup> [Sorbitol	420(i)	GMP	
		Sorbitol syrup	420(ii	GMP	
			)		
		Mannitol	421	GMP	
		Isomalt	953	GMP	
		Maltitol	965(i)	GMP	
		Maltitol syrup	965(ii	GMP	
			)		_
		Xylitol	967	GMP	
		Lactitol	966	GMP	
		Erythritol	968	GMP]	
14.2	Alcoholic				
	beverages				
	including				
	alcohol-free				
	and low-				
	alcoholic				
	counterparts	<u> </u>	1.50	<b>7</b> 0.000	
14.2.1	Beer andmalt	Caramel III -	150c	50,000	
	beverages	ammonia caramel	1501	mg/kg	
		Caramel IV –	150d	50,000	
		sulfiteammonia		mg/kg	
		caramel			

			beta-Carotenes,	160a(i	600 mg/kg	
			vegetable	i)		
			ETHYLENE		25 mg/kg	21
			DIAMINE			
			TETRA			
			ACETATES			
			(EDTA)			
			Polydimethylsilox	900a	10 mg/kg	
			ane			
			Polyvinylpyrrolid	1201	10 mg/kg	36
			one			
			SULFITES		50 mg/kg	44
14.2.2	Cider a	nd	BENZOATES		1,000mg/kg	124, 13
	perry		CAROTENOIDS		200 mg/kg	
			-			
			Caramel III -	150c	1,000 mg/kg	
			ammonia caramel			
			Caramel IV –	150d	1,000 mg/kg	
			sulfiteammonia			
			caramel			
			beta-Carotenes,	160a(i	600 mg/kg	
			vegetable	i)		
			Diacetyltartaric	472e	5,000 mg/kg	
			and fatty acid			
			esters of glycerol			
			Dimethyl	242	250 mg/kg	18
			dicarbonate			
			Grape skin extract	163(ii)	300 mg/kg	181
			HYDROXYBEN		200 mg/kg	27
			ZOATES,			
			PARA-			
			Lysozyme	1105	500 mg/kg	
			PHOSPHATES		880 mg/kg	33
			Polydimethylsilox	900a	10 mg/kg	

		ane			
		Polyvinylpyrrolid	1201	2 mg/kg	36
		one			
		RIBOFLAVINS		300 mg/kg	
		SORBATES		500 mg/kg	42
		SULFITES		200 mg/kg	44
14.2.3	Grape wines	Dimethyl	242	200 mg/kg	18
		dicarbonate			
		Carbon dioxide	290	GMP	60
		Lysozyme	1105	500 mg/kg	
		SORBATES		200 mg/kg	42
		SULFITES		350 mg/kg	44, 103
		<sup>31</sup> [ <sup>52</sup> [ Malic acid, DL-, L-]	296	GMP	FS04a
		Ascorbic acid L-	300	300 mg/kg	
		Citric acid	330	1,000 mg/kg	FS04a
		Tartaric acid L(+),DL	334	GMP	FS04a
		Lactic acid	270	GMP	FS04a
		Gum arabic (Acacia Gum)	414	300 mg/kg	
		Tannins	181	GMP	
		Metatartaric acid	353	100 mg/kg	
		Caramel (plain)	150a	GMP	(allowed only for liqueur wines)
		Carboxymethyl- Cellulose	466	100 mg/kg	(For white and sparkling wines)
		Calcium carbonate	170(i)	GMP	
		Polyvinyl- polypyrrolidone	1202	800 mg/kg	
		Nitrogen	941	GMP	
		Oxygen	948	GMP	

		1	1
Isoascorbic acid	315	250 mg/ml	
(Erythorbic acid)			
<sup>52</sup> [Potassium-D,L-	336		
, L(+)- tartrate,		GMP]	
Potassium			
bitartrate			
Calcium tartrate	354	GMP	
Copper sulphate	519,	10mg/1	
(and Copper	,	0	
citrate)			
Argon	938	GMP	
Caramel II	150 b	GMP	
Yeast manno	1000	GMP	
proteins			
Potassium	536	GMP	
ferrocyanide			
Urease		GMP	
Silver chloride		10mg/1	
Ammonium	342(i)	300 mg/l	
phosphate			
<b>D</b> : :	0.40(!!)	200 /	(0
Diammonium	342(ii)	300 mg/l	(for
diphosphate			sparkling
			wines)
Ammonium	517	300 mg/l	(expresse
sulfate			d as the
			salt) (for
			sparkling
			wines)
			vv 1110 <i>3 j</i>
Charcoal for		100 g/hl	
oenogical use			
(Oenological			
			·

Carbon)			
Ammonium bisulphite (ammonium hydrogen sulphite)	-	GMP	
Thiamin hydrochloride		GMP	
Yeasts products coming from degradation of yeasts (autolysate, inert cells).		GMP	
Potassium carbonate	501(i)	GMP	
Potassium bicarbonate (Potassium hydrogen carbonate)	501(ii)	GMP	
Lactic acid bacteria	-	GMP	The lactic acid bacteria must belong to the <i>Oenococc</i> <i>us</i> , <i>Leuconos</i> <i>toc</i> , <i>Lactobaci</i> <i>llus</i> and <i>Pediococ</i>

			cus genus
			and must
			be
			isolated
			from
			grapes,
			musts,
			wine or
			have been
			derived
			from
			these
			bacteria.
	1000	000 /	
Polyvinylpolypyrr	1202	800 mg/l	
olidone			
Proteins from	-	GMP	The plant
plant origin			protein
			extracted
			from
			wheat
			(Triticum
			vulgaris),
			peas ( <i>Pisum</i>
			sativum),
	1	1	or
			potatoes
			potatoes ( <i>Solanum</i>
			potatoes (Solanum tuberosu
			potatoes ( <i>Solanum</i>
Casein	-	GMP	potatoes (Solanum tuberosu
Casein Potassium	-	GMP GMP	potatoes (Solanum tuberosu

Gelatin (edible)	-	GMP	Subject to
Isinglass (Fish Glue)		GMP	<ul> <li>proper</li> <li>label</li> <li>declaratio</li> <li>n. These</li> </ul>
Egg white albumin		GMP	are processin g aids.
Silicon dioxide	551	GMP	
Bentonite	558	GMP	
Aluminium silicate (Kaolin)	559	GMP	
β-Glucanases		GMP	
Yeast protein extract	-	GMP	The proteins of yeast of <i>Saccharo</i> <i>myces</i> sp. yeast.
Adsorbant Copolymer Treatment polyvinylimidazol e — polyvinylpyrrolid one (PVI/PVP)		GMP	
Microcrystalline cellulose	460 (i)	GMP	
Calcium alginate	404	GMP	(Allowed only for

					sparkling and semi- sparkling wines obtained by fermentat ion in bottle).
		Potassium	402	GMP	_
		alginate	102		
				CMD	
		Yeast	-	GMP	-
		Calcium phytate		GMP	-
		Chitosan		GMP	-
		Chitin-Glucan		GMP	-
		Mixture of Mono- and diglycerides of oleic Acid		GMP	-]
14.2.3.1	Still grape				
	wines				
14.2.3.2	Sparkling and				
	semi sparkling				
11000	grape wines		1.50	<b>5</b> 0,000	
14.2.3.3	Fortified grape		150c	50,000	
	wines, grape		150d	mg/kg	
	liquor wines and sweet	Caramel IV – sulfite ammonia	1300	50,000 mg/kg	
	grape wines	caramel			
14.2.4	Wines (other			1,000mg/kg	124, 13
	than grape)	CAROTENOIDS		200 mg/kg	,
		Caramel III -	150c	1,000 mg/kg	
		ammonia caramel			

		Caramel IV – sulfite ammonia caramel beta-Carotenes,	150d 160a(i	1,000 mg/kg	
		vegetable	i)		
		Diacetyltartaric	472e	5,000 mg/kg	
		and fatty acid			
		esters of glycerol			
		Dimethyl	242	250 mg/kg	18
		dicarbonate			
		Grape skin extract	163(ii)	300 mg/kg	181
		HYDROXYBEN		200 mg/kg	27
		ZOATES,			
		PARA-			
		RIBOFLAVINS		300 mg/kg	
		SORBATES		500 mg/kg	42
		SULFITES		200 mg/kg	44
14.2.5	Mead	BENZOATES		1,000mg/kg	13
		Caramel III -	150c	1, 000	
		ammonia caramel		mg/kg	
		Caramel IV –	150d	1, 000	
		sulfiteammonia		mg/kg	
		caramel			
		Dimethyl	242	200 mg/kg	18
		dicarbonate			
		HYDROXYBEN		200 mg/kg	27
		ZOATES,			
		PARA-			
		PHOSPHATES		440 mg/kg	33,88
		SORBATES		200 mg/kg	42
		SULFITES		200 mg/kg	44
14.2.6	Distilled	CAROTENOIDS		200 mg/kg	
	spirituous	Canthaxanthin	161g	5 mg/kg	
	beverages	Caramel III -	150c	50,000	
	containing	ammonia caramel		mg/kg	

more than 15 % alcohol	Caramel IV – sulfite ammonia caramel beta-Carotenes, vegetable Diacetyltartaric and fatty acid	150d 160a(i i) 472e	50,000 mg/kg 600 mg/kg 5,000 mg/kg	
	esters of glycerol ETHYLENE DIAMINE TETRA		25 mg/kg	21
	ACETATES (EDTA) Grape skin extract PHOSPHATES	163(ii)	300 mg/kg 440mg/kg	181 33, 88
	POLYSORBAT ES SULFITES		120 mg/kg 200 mg/kg	44
	Sucroglycerides <sup>31</sup> [Caramel II - Gold (colour)	474 150 b 175	5,000 mg/kg GMP GMP	-
	Silver (colour) Glycerol esters Of wood Resin	174 445(iii )	GMP GMP	-
	Alpha-Tocopherol RIBOFLAVINS	307	GMP GMP	-
	CHLOROPHYL LS AND CHLOROPHYL LINS, COPPER COMPLEXES		100 mg/kg	-]
	<sup>82</sup> [Tatrazine Carmoisine	102 122	100 mg/kg 100 mg/kg	1. These colours
	Brilliant Blue	133	100 mg/kg	can be used

	FCF			individu
				ally as
	Sunset Yellow	110	100 mg/kg	per as
	FCF			permissi
	Domagou 4D	124	$100 m c^{1/2}$	ble limits
	Ponceau 4R	124	100 mg/kg	or in
	Allura Red	129	100	combinat
			mg/kg	ion
				which
				may be
				restricted
				to the
				lowest
				permissi
				ble limit
				amongst
				the
				combinat
				ion of
				colors
				used.
				2. These
				colors are
				not
				permitted
				to be
				used in
				country
				liquors as
				defined
				under
				regulatio
				n 2.2 of
				the Food
				Safety
				and
				Standards
<b>320</b>   Version 1 (01.09.	2022)			Standarus

14.2.7       Aromatized alcoholic beverages       Acesulfame potassium       950       350 mg/kg       188         Aspartame- acesulfame salt       951       600 mg/kg       191         Aspartame- acesulfame salt       962       350 mg/kg       113						(Alcoholi
14.2.7       Aromatized alcoholic beverages       Acesulfame potassium       950       350 mg/kg       188         Aspartame       951       600 mg/kg       191         Aspartame       962       350 mg/kg       113						
14.2.7       Aromatized alcoholic beverages       Acesulfame potassium       950       350 mg/kg       188         Aspartame- acesulfame sait       962       350 mg/kg       113						
14.2.7       Aromatized alcoholic beverages       Acesulfame potassium       950       350 mg/kg       188         Aspartame- acesulfame sait       951       600 mg/kg       191						
14.2.7       Aromatized alcoholic beverages       Acesulfame potasium       950       350 mg/kg       188         Aspartame- acesulfame sait       962       350 mg/kg       113						
IdealAromatized alcoholic beveragesAccesulfame potassium950350 mg/kg188Aspartame- accesulfame salt962350 mg/kg113						
alcoholic beveragespotassiumof of of of constraintsAspartame951600 mg/kg191Aspartame- acesulfame salt962350 mg/kg113						ns, 2018.]
alcoholic beveragespotassiumof of of of constraintsAspartame951600 mg/kg191Aspartame- acesulfame salt962350 mg/kg113						
alcoholic beveragespotassiumor of the secondAspartame951600 mg/kg191Aspartame- acesulfame salt962350 mg/kg113						
alcoholic beveragespotassiumor of the secondAspartame951600 mg/kg191Aspartame- acesulfame salt962350 mg/kg113						
alcoholic beveragespotassiumof of of of constraintsAspartame951600 mg/kg191Aspartame- acesulfame salt962350 mg/kg113						
alcoholic beveragespotassiumof of of of constraintsAspartame951600 mg/kg191Aspartame- acesulfame salt962350 mg/kg113						
alcoholic beveragespotassiumor of the secondAspartame951600 mg/kg191Aspartame- acesulfame salt962350 mg/kg113						
alcoholic beveragespotassiumor of the secondAspartame951600 mg/kg191Aspartame- acesulfame salt962350 mg/kg113						
alcoholic beveragespotassiumof of of of constraintsAspartame951600 mg/kg191Aspartame- acesulfame salt962350 mg/kg113						
alcoholic beveragespotassiumof of of of constraintsAspartame951600 mg/kg191Aspartame- acesulfame salt962350 mg/kg113						
alcoholic beveragespotassiumof of of of constraintsAspartame951600 mg/kg191Aspartame- acesulfame salt962350 mg/kg113						
alcoholic beveragespotassiumof of of of constraintsAspartame951600 mg/kg191Aspartame- acesulfame salt962350 mg/kg113						
alcoholic beveragespotassiumof of of of constraintsAspartame951600 mg/kg191Aspartame- acesulfame salt962350 mg/kg113						
alcoholic beveragespotassiumof of of of constraintsAspartame951600 mg/kg191Aspartame- acesulfame salt962350 mg/kg113						
alcoholic beveragespotassiumof of of of constraintsAspartame951600 mg/kg191Aspartame- acesulfame salt962350 mg/kg113						
alcoholic beveragespotassiumor of the secondAspartame951600 mg/kg191Aspartame- acesulfame salt962350 mg/kg113						
alcoholic beveragespotassiumor of the secondAspartame951600 mg/kg191Aspartame- acesulfame salt962350 mg/kg113						
alcoholic beveragespotassiumor of the secondAspartame951600 mg/kg191Aspartame- acesulfame salt962350 mg/kg113						
alcoholic beveragespotassiumof of of of constraintsAspartame951600 mg/kg191Aspartame- acesulfame salt962350 mg/kg113						
alcoholic beveragespotassiumor of the secondAspartame951600 mg/kg191Aspartame- acesulfame salt962350 mg/kg113						
alcoholic beveragespotassiumor of the secondAspartame951600 mg/kg191Aspartame- acesulfame salt962350 mg/kg113						
alcoholic beveragespotassiumof of of of constraintsAspartame951600 mg/kg191Aspartame- acesulfame salt962350 mg/kg113						
alcoholic beveragespotassiumor of the secondAspartame951600 mg/kg191Aspartame- acesulfame salt962350 mg/kg113						
alcoholic beveragespotassiumor of the secondAspartame951600 mg/kg191Aspartame- acesulfame salt962350 mg/kg113						
alcoholic beveragespotassiumor of the secondAspartame951600 mg/kg191Aspartame- acesulfame salt962350 mg/kg113						
alcoholic beveragespotassiumof of of of constraintsAspartame951600 mg/kg191Aspartame- acesulfame salt962350 mg/kg113						
beveragesAspartame951600 mg/kg191Aspartame- acesulfame salt962350 mg/kg113	14.2.7	Aromatized	Acesulfame	950	350 mg/kg	188
Aspartame- acesulfame salt962350 mg/kg113		alcoholic	potassium			
acesulfame salt		beverages	Aspartame	951	600 mg/kg	191
acesulfame salt			Aspartame-	962	350 mg/kg	113
			BENZOATES		1,000mg/kg	13

	1.60	200 /	
	160e	200 mg/kg	
	161g	5 mg/kg	
	150c	50, 000	
ammonia caramel		mg/kg	
Caramel IV –	150d	50,000	
sulfite ammonia		mg/kg	
caramel			
beta-Carotenes,	160a(i	600 mg/kg	
vegetable	i)		
Diacetyltartaric	472e	10, 000	
and fatty acid		mg/kg	
esters of glycerol			
ETHYLENE		25 mg/kg	21
DIAMINE			
TETRA			
ACETATES			
Grape skin extract	163(ii)	300 mg/kg	181
HYDROXYBEN		1,000 mg/kg	224, 27
ZOATES,			
PARA-			
Neotame	961	33 mg/kg	
POLYSORBAT		120 mg/kg	
ES			
Polydimethylsilox	900a	10 mg/kg	
ane			
RIBOFLAVINS		100 mg/kg	
SACCHARINS		80 mg/kg	
SORBATES		500 mg/kg	224, 42
SULFITES		250 mg/kg	44
Sucralose	955	700 mg/kg	
(T. 1. 1. 1. )			
(Trichlorogalactos			
(Trichlorogalactos ucrose)			
ucrose)	474	5,000 mg/kg	

<sup>82</sup> [Tatrazine	102	100 mg/kg	1. These
Carmoisine	122	100 mg/kg	colours can be
Brilliant Blue FCF	133	100 mg/kg	used individu ally as
SunsetYellowFCF	110	100 mg/kg	per permissi
Ponceau 4R	124	100 mg/kg	ble limits or in
Allura Red	129	100 mg/kg	or in combinat ion which may be restricted to the lowest permissi ble limit amongst the combinat ion of colors used. 2. These colors are not permitted to be used in country liquors as defined under regulatio n 2.2 of

		the Food
		Safety
		and
		Standards
		(Alcoholi
		c
		Beverage
		s)
		Regulatio
		ns, 2018.]

## Table 15

Ready-to-eat savouries							
Food	Food	Food Additive	INS		NOT		
Categor	Category		No	Recommende	Ε		
y system	Name			d Maximum			
				Level			
15.0	Ready-	Acesulfame potassium	950	350 mg/kg	188		
	to-eat	Aspartame	951	500 mg/kg	191		
	savourie	Neotame	961	32 mg/kg			
	S	Beeswax	901	GMP	3		
		Butylated hydroxytoluene	321	200mg/kg	15,		
		(BHT)			130		
		Candelilla wax	902	GMP	3		
		Carnauba wax	903	GMP	3		
		Caramel III - ammonia	150c	10,000 mg/kg			
		caramel					
		Caramel IV –sulfite	150d	10,000 mg/kg			
		ammonia caramel					
		PHOSPHATES		2,200 mg/kg	33		
		SACCHARINS		100 mg/kg			

Table 15

Ready-to-	-eat savour	ies			
Food	Food	Food Additive	INS		NOT
Categor	Category		No	Recommende	Ε
y system	Name			d Maximum	
				Level	
		Steviol glycosides	960	170 mg/kg	26
		Sucralose	955	1,000 mg/kg	
		(Trichlorogalactosucrose)			
		Shellac, bleached	904	GMP	3
		THIODIPROPIONATE		200 mg/kg	46
		S			
		TBHQ	319	200mg/kg	15,
					130
15.1	Snacks	ASCORBYL ESTERS		200 mg/kg	10
	and	Allura red AC	129	100 mg/kg	
	savourie	Brilliant blue FCF	133	100 mg/kg	
	s –	Butylated hydroxyanisole	320	200mg/kg	15,
	potato, cereal,	(BHA)			130
	flour or	CAROTENOIDS		100 mg/kg	
	starch	CHLOROPHYLLS		350 mg/kg	
	based	AND			
	(from	CHLOROPHYLLINS,			
	roots	<b>COPPER COMPLEXES</b>			
	and	Canthaxanthin	161g	45 mg/kg	
	tubers,	beta-Carotenes, vegetable	160a(ii	100 mg/kg	
	pulses		)		
	and	Cyclodextrin, beta-	459	500 mg/kg	
	legumes)	Diacetyltartaric and fatty	472e	20,000 mg/kg	
		acid esters of glycerol			
		Grape skin extract	163(ii)	500 mg/kg	181
		HYDROXYBENZOATE		300 mg/kg	27
		S, PARA-			
		IRON OXIDES		500 mg/kg	

Table 15

Food	Food Additive	TNIC		
<b>C</b> 4	1 oou muunite	INS		NOT
Category		No	Recommende	Ε
Name			d Maximum	
			Level	
	Indigotine (Indigo	132	100 mg/kg	
	carmine)			
	Ponceau 4R	124	100 mg/kg	
	Propyl gallate	310	200 mg/kg	15,
				130
	RIBOFLAVINS		300 mg/kg	
	BENZOATES		1,000 mg/kg	13
	SORBATES		1,000 mg/kg	42
	SULFITES		50 mg/kg	44
	TOCOPHEROLS		GMP	
	Sunset yellow FCF	110	100 mg/kg	
	<sup>70</sup> [Paprika oleoresin	160c(i)	GMP	
	Curcumin	100(i)	GMP	
	Turmeric	100(ii)	GMP]	
Processe	ASCORBYL ESTERS		200 mg/kg	10
d nuts	Allura red AC	129	100 mg/kg	
	Brilliant blue FCF	133	100 mg/kg	
	Butylated hydroxyanisole	320	200 mg/kg	15,
	(BHA)			130
	CADOTENOIDS		100  mg/l/s	
mixtures				
			100 mg/kg	
	, , , , , , , , , , , , , , , , , , ,			
		160a(ii	GMP	3
	beta-Carotenes, vegetable	)		5
	Diacetyltartaric and fatty	472e	10,000 mg/kg	
	_	carmine) Ponceau 4R Propyl gallate RIBOFLAVINS BENZOATES SORBATES SORBATES SULFITES TOCOPHEROLS Sunset yellow FCF 70[Paprika oleoresin Curcumin Turmeric Processe d nuts includin g coated nuts and nut mixtures CAROTENOIDS CHLOROPHYLLS AND CHLOROPHYLLS beta-Carotenes, vegetable	carmine)carmine)Ponceau 4R124Propyl gallate310RIBOFLAVINS10BENZOATES10SORBATES10SULFITES10TOCOPHEROLS100Sunset yellow FCF11070[Paprika oleoresin160c(i)Curcumin100(i)Turmeric100(i)Turmeric100(i)Brilliant blue FCF133Butylated hydroxyanisole (BHA)320BHA)320CAROTENOIDS100CHLOROPHYLLINS, COPPER COMPLEXES160a(ii )beta-Carotenes, vegetable160a(ii )Diacetyltartaric and fatty472e	Indigotine carmine)(Indigo (Indigo armine)132100 mg/kgPonceau 4R124100 mg/kgPropyl gallate310200 mg/kgBENZOATES300 mg/kgBENZOATES1,000 mg/kgSORBATES1,000 mg/kgSULFITES50 mg/kgSULFITES50 mg/kgTOCOPHEROLSGMPSunset yellow FCF110I00 mg/kg70[Paprika oleoresin160c(i)GMPCurcumin100(ii)GMPTurmeric100(ii)GMPASCORBYL ESTERS200 mg/kgBirlliant blue FCF133Butylated hydroxyanisole (BHA)Butylated hydroxyanisole (BHA)320CAROTENOIDS100 mg/kgCHLOROPHYLLS AND CHLOROPHYLLINS, COPPER COMPLEXES100 mg/kgbeta-Carotenes, vegetable160a(iiJoiacetyltartaric and fatty472eJ0,000 mg/kg

Table 15

Ready-to-	-eat savour	ies			
Food	Food	Food Additive	INS		NOT
Categor	Category		No	Recommende	Ε
y system	Name			d Maximum	
				Level	
		Grape skin extract	163(ii)	300 mg/kg	181
		HYDROXYBENZOATE		300 mg/kg	27
		S, PARA-			
		IRON OXIDES		400 mg/kg	
		Indigotine (Indigo carmine)	132	100 mg/kg	
		Neotame	961	32 mg/kg	
		Ponceau 4R	124	100 mg/kg	
		Propyl gallate	310	200 mg/kg	15, 130
		RIBOFLAVINS		1,000 mg/kg	
		SORBATES		1,000 mg/kg	42
15.3	Snacks –	CHLOROPHYLLS		350 mg/kg	
	fish	AND			
	based	CHLOROPHYLLINS,			
		<b>COPPER COMPLEXES</b>			
		beta-Carotenes, vegetable	160a(ii )	100 mg/kg	
		Grape skin extract	163(ii)	400 mg/kg	

**Explanation I (for 11.6 Table top sweeteners):** Maximum limit of artificial sweetener in the product shall be as in reconstituted beverage or food or in final beverage or food for consumption, as the case may be. The product label shall give clear instruction for reconstitution of products for making final beverage or food for consumption as the case may be.

Provided where the artificial sweetener(s) is/are used in carbonated water/ sweetened aerated water/ fruit beverage/ carbonated fruit beverage/ fruit nectar, the requirement of minimum total soluble solids shall not apply.

Provided further table top sweetener may contain the following carrier or filler articles with label declaration as provided in Regulation 2.4.5 (24, 25, 26, 27, 28 and 29) of Food Safety and Standards (Packaging and Labelling) Regulations, 2011. Namely,-

- (i) Dextrose
- (ii) Lactose
- (iii) Maltodextrin
- (iv) Mannitol
- (v) Sucrose
- (vi) Isomalt
- (vii) Citric acid
- (viii) Calcium silicate
- (ix) Carboxy methyl cellulose
- (x) Cream of tartar, IP
- (xi) Cross carmellose sodium
- (xii) Colloidal silicone dioxide
- (xiii) Glycine
- (xiv) L-leucine
- (xv) Magnesium stearate, IP
- (xvi) Purified talc
- (xvii) Poly vinyl pyrrolidone
- (xviii) Providone
- (xix) Sodium hydrogen carbonate
- (xx) Starch
- (xxi) Tartaric acid

### (xxii) Erythritol

### **Explanation II (for preservatives)**

The use of more than one preservative has been allowed in the alternative, those preservatives may be used in combination with one or more alternatives, provided the quantity of each preservative so used does not exceed such number of parts out of those specified for that preservative of the aforesaid tables as may be worked out on the basis of the proportion in which such preservatives are combined

#### Annexure-1

# All capital and bold additives in the Table 1 to 15 refers to the group of additives as listed below

Group Name	Additive Name	INS
		No.
SULFITES	Sulfur dioxide	220
	Sodium sulfite	221
	Sodium hydrogen sulfite	222
	Sodium disulfite	223
	Potassium metabisulfite	224
	Potassium sulfite	225
	Calcium hydrogen sulfite	227
	Potassium hydrogen sulfite	228
	Sodium thiosulfate	539
PHOSPHATES	Phosphoric acid	338
	Sodium hydrogen phosphate	339(i)
	Disodium hydrogen phosphate	339(ii)
	Trisodium orthophosphate	339(iii)
	Potassium dihydrogen phosphate	340(i)
	Dipotassium hydrogen phosphate	340(ii)
	Tripotassium ydrogen phosphate	340(iii)
	Monocalcium orthophosphate	341(i)
	Calcium hydrogen phosphate	341(ii)
	Tricalcium phosphate	341(iii)
	Ammonium dihydrogen phosphate	342(i)
	Diammonium Hydrogen phosphate	342(ii)

Group Name	Additive Name	INS
		No.
	Magnesium phosphate	343(i)
	Dimagnesium hydrogen phosphate	343(ii)
	Trimagnesium phosphate	343(iii)
	Disodium diphosphate	450(i)
	Trisodium diphosphate	450(ii)
	Tetrasodium diphosphate	450(iii)
	Tetrapotassium diphosphate	450(v)
	Dicalcium diphosphate	450(vi)
	Calcium dihydrogen diphosphate	450(vii)
	Pentasodium triphosphate	451(i)
	Pentapotassium triphosphate	451(ii)
	Sodium polyphosphate	452(i)
	Potassium polyphosphate	452(ii)
	Sodium calcium polyphosphate	452(iii)
	Calcium polyphosphate	452(iv)
	Ammonium polyphosphate	452(v)
	Magnesium dihydrogen diphosphate	450(ix)
RIBOFLAVINS	Riboflavin, synthetic	101(i)
	Riboflavin 5'-phosphate sodium	101(ii)
	Riboflavin (Bacillus subtilis)	101(iii)
ASCORBYL ESTERS	Ascorbyl palmitate	304
	Ascorbyl stearate	305
BENZOATES	Benzoic acid	210
	Sodium benzoate	211
	Potassium benzoate	212
	Calcium benzoate	213
CAROTENOIDS	beta-Carotenes (synthetic)	160a(i)
	beta-Carotenes (Blakeslea trispora)	160a(iii
		)
	beta-apo-8'-Carotenal	160e
	beta-apo-8'-Carotenoic acid, ethyl ester	160f
CHLOROPHYLLS	Chlorophylls, copper complexes	141(i)
AND	Chlorophyllin copper complexes, sodium	141(ii)
CHLOROPHYLLINS,	and potassium salts	

Group Name	Additive Name	INS
		No.
COPPER		
COMPLEXES		
HYDROXYBENZOAT	Ethyl para-hydroxybenzoate	214
ES, PARA-	Methyl para-hydroxybenzoate	218
NITRITES	Potassium nitrite	249
	Sodium nitrite	250
QUILLAIA	Quillaia extract type 2	999(ii)
EXTRACTS	Quillaia extract type I	999(i)
SODIUM	Sodium aluminium phosphate, acidic	541(i)
ALUMINIUM	Sodium aluminium phosphate, basic	541(ii)
PHOSPHATES		
STEAROYL	Calcium stearoyl lactylate	482(i)
LACTYLATES	Sodium stearoyl lactylate	481(i)
THIODIPROPIONAT	Dilauryl thiodipropionate	389
ES	Thiodipropionic acid	388
TOCOPHEROLS	dl-alpha-Tocopherol	3 07c
	d-alpha-Tocopherol	307a
	Tocopherol concentrate, mixed	307b
SACCHARINS	Saccharin	954(i)
	Calcium saccharin	954(ii)
	Potassium saccharin	954(iii)
	Sodium saccharin	954(iv)
SORBATES	Sorbic acid	200
	Sodium sorbate	201
	Potassium sorbate	202
	Calcium sorbate	203
POLYSORBATES	Polyoxyethylene (20) sorbitan	432
	monolaurate	
	Polyoxyethylene (20) sorbitan	433
	monooleate	
	Polyoxyethylene (20) sorbitan	434
	monopalmitate	
	Polyoxyethylene (20) sorbitan	435
	monostearate	

Group Name	Additive Name	INS
		No.
	Polyoxyethylene (20) sorbitan tristearate	436
POLYOXYETHYLEN	Polyoxyethylene (40) stearate	431
E STEARATES	Polyoxyethylene (8) stearate	430
IRON OXIDES	Iron oxide, black	172(i)
	Iron oxide, red	172(ii)
	Iron oxide, yellow	172(iii)
FERROCYANIDES	Calcium ferrocyanide	538
	Potassium ferrocyanide	536
	Sodium ferrocyanide	535
TARTRATES	Potassium sodium L(+)-tartrate	337
	Sodium L(+)-tartrate	335(ii)
	L(+)-Tartaric acid	334
ETHYLENE DIAMINE	Calcium disodium	385
TETRA ACETATES	ethylenediaminetetraacetate	
	Disodium ethylenediaminetetraacetate	386
<sup>52</sup> [ SORBITAN		
ESTERS OF FATTY	Sorbitan monolaurate	493
ACIDS	Sorbitan monooleate	494
	Sorbitan monopalmitate	495
	Sorbitan monostearate	491
	Sorbitan tristearate	492]

Note No.	Notes to the Food Additives mentioned in the Table 1 to 15.	
1	As adipic acid.	
2	On the dry ingredient, dry weight, dry mix or concentrate basis.	
3	For use in surface treatment only.	
4	For use in decoration, stamping, marking or branding the product	
	only.	
5	Excluding products conforming to the standard for jams, jellies and	
	marmalades	
6	As aluminium.	
7	For use in coffee substitutes only.	
8	As bixin.	
9	Except for use in ready-to-drink coffee products at 10,000 mg/kg.	
222 1 1	(0.1, 0.0, 2.0, 2.0)	

10	As ascorbyl stearate.	
11	On the flour basis.	
12	As a result of carryover from flavouring substances.	
13	As benzoic acid.	
14	For use in hydrolysed protein liquid formula only.	
15	On the fat or oil basis.	
16	For use in glaze, coatings or decorations for fruit, vegetables, meat or	
	fish only.	
18	As added level; residue not detected in ready-to-eat food.	
19	For use in cocoa fat only.	
20	Singly or in combination with other stabilizers, thickeners and/or	
	gums.	
21	As anhydrous calcium disodium ethylenediaminetetraacetate.	
22	For use in smoked fish products only.	
23	As iron.	
24	As anhydrous sodium ferrocyanide.	
25	For use at GMP in full fat soy flour only.	
26	As steviol equivalents.	
27	As para-hydroxybenzoic acid.	
28	Except for use in wheat flour conforming to the standard for wheat	
	flour at 2,000 mg/kg.	
29	For non-standardized food only.	
30	As residual NO <sub>3</sub> ion.	
31	On the mash used basis.	
32	As residual NO <sub>2</sub> ion.	
33	As phosphorus.	
34	On the anhydrous basis.	
35	For use in cloudy juices only.	
36	On the residual level basis.	
37	For non-standardized food and food conforming to the standard for	
	quick frozen blocks of fish fillets, minced fish flesh and mixtures of	
	fillets and minced fish flesh.	
38	On the creaming mixture basis.	
39	For use in products containing butter or other fats and oils only.	
40	Pentasodium triphosphate (INS 451(i)) only, to enhance the effectiveness of benzoates and sorbates.	

41	For use in breading or batter coatings only.
42	As sorbic acid.
43	As tin.
44	As residual SO <sub>2</sub> .
45	As tartaric acid.
46	As thiodipropionic acid.
47	On the dry egg yolk weight basis.
48	For use in olives only.
49	For use on citrus fruits only.
50	For use in fish roe only.
51	For use in herbs only.
52	Excluding chocolate milk.
53	For use in coatings only.
54	For use in cocktail cherries and candied cherries only.
55	Within the limits for sodium, calcium, and potassium specified in the
	standard for infant formulaand formula for special dietary purposes
	intended for infants: singly or in combination with other sodium,
	calcium, and/or potassium salts.
56	Excluding products where starch is present.
57	GMP is 1 part benzoyl peroxide and not more than 6 parts of the
	subject additive by weight.
58	As calcium.
59	For use as a packaging gas only.
60	Except for use as a carbonating agent: the $CO_2$ in the finished wine
	shall not exceed 39.2 mg/kg.
61	For use in minced fish only.
62	As copper.
63	For non-standardized food and breaded or batter coatings in food
	conforming to the standard for quick frozen fish sticks (fish fingers),
	fish portions and fish fillets – breaded or in batter
64	For use in dry beans only.
65	As a result of carryover from nutrient preparations.
66	As formaldehyde.
67	Except for use in liquid egg whites at 8,800 mg/kg as phosphorus,
	and in liquid whole eggs at 14,700 mg/kg as phosphorus.
68	For use in products with no added sugar only.

69	For use as a carbonating agent only.		
70	As the acid.		
71	Calcium, potassium and sodium salts only.		
72	On the ready-to-eat basis.		
73	Excluding whole fish.		
74	Excluding liquid whey and whey products used as ingredients in infant formula.		
75	For use in milk powder for vending machines only.		
76	For use in potatoes only.		
77	For special nutritional uses only.		
78	Except for use in pickling and balsamic vinegars at 50,000 mg/kg.		
79	For use on nuts only.		
80	Equivalent to $2 \text{ mg/dm}^2$ surface application to a maximum depth of 5 mm.		
81	Equivalent to 1 mg/dm <sup>2</sup> surface application to a maximum depth of 5 mm.		
82	Except for use in shrimp (Crangon crangon and Crangon vulgaris) a 6,000 mg/kg.		
83	L(+)-form only.		
84	For use in products for infants over 1 year of age only.		
85	Use level in sausage casings; residue in sausage prepared with such		
	casings should not exceed 100 mg/kg.		
86	For use in whipped dessert toppings other than cream only.		
87	On the treatment level basis.		
88	As a result of carryover from the ingredient.		
89	For use in sandwich spreads only.		
90	For use in milk-sucrose mixtures used in the finished product only.		
91	Singly or in combination: benzoates and sorbates.		
92	Excluding tomato-based sauces.		
93	Excluding natural wine produced from Vitis vinifera grapes.		
94	For use in loganiza (fresh, uncured sausage) only.		
95	For use in surimi and fish roe products only.		
96	On the dried weight basis of the high intensity sweetener.		
97	On the final cocoa and chocolate product basis.		
98	For use in dust control only.		
99	For use in fish fillets and minced fish only.		

100	For use in crystalline products and sugar toppings only.
101	When used in combination with other emulsifiers, total combined
	use level not to exceed 15,000 mg/kg as specified in the standard for
	chocolate and chocolate products.
102	For use in fat emulsions for baking purposes only.
103	Except for use in special white wines at 400 mg/kg.
104	Except for use in bread and yeast-leavened bakery products:
	maximum 5,000 mg/kg residue.
105	Except for use in dried gourd strips at 5,000 mg/kg.
106	Except for use in Dijon mustard at 500 mg/kg.
107	Except for use of sodium ferrocyanide (INS 535) and potassium
	ferrocyanide (INS 536) in foodgrade dendridic salt at 29 mg/kg as
	anhydrous sodium ferrocyanide.
108	For use on coffee beans only.
109	Use level reported as 25 lbs/1,000 gal x (0.45 kg/lb) x (1 gal/3.75 L)
	x (1 L/kg) x (10E6 mg/kg) = 3,000 mg/kg
110	For use in frozen French fried potatoes only.
111	Except for use in 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.
112	For use in grated cheese only.
113	As acesulfame potassium equivalents (the reported maximum level
	can be converted to an aspartame-acesulfame salt basis by dividing
	by 0.44). Combined use of aspartame-acesulfame salt with individual
	acesulfame potassium or aspartame should not exceed the individual
	maximum levels for acesulfame potassium or aspartame (the
	reported maximum level can be converted to aspartame equivalents
	by dividing by 0.68).
114	Excluding cocoa powder.
115	For use in pineapple juice only.
116	For use in doughs only.
117	Except for use in fresh, uncured sausage at 1,000 mg/kg.
118	Except for use in fresh, cured sausage at 1,000 mg/kg.
119	As aspartame equivalents (the reported maximum level can be
	converted to an aspartame acesulfame salt basis by dividing by 0.64).
	Combined use of aspartame-acesulfame salt with individual

	aspartame or acesulfame potassium should not exceed the individual
	maximum levels for aspartame or acesulfame potassium (the
	reported maximum level can be converted to acesulfame potassium
	equivalents by multiplying by 0.68).
120	Except for use in caviar at 2,500 mg/kg.
121	Except for use in fermented fish products at 1,000 mg/kg.
123	Except for use in beverages with pH greater than 3.5 at 1,000 mg/kg.
124	For use in products containing less than 7% ethanol only.
125	For use in a mixture with vegetable oil only, as a release agent for
	baking pans.
126	For use in releasing dough in dividing or baking only.
127	On the served to the consumer basis.
128	Tartaric acid (INS 334) only.
129	For use as an acidity regulator in grape juice only.
130	Singly or in combination: butylated hydroxyanisole (INS 320),
	butylated hydroxytoluene (INS 321), tertiary butylated hydroquinone
	(INS 319), and propyl gallate (INS 310).
131	For use as a flavour carrier only.
132	Except for use in semi-frozen beverages at 130 mg/kg on a dried
	basis.
133	Any combination of butylated hydroxyanisole (INS 320), butylated
	hydroxytoluene (INS 321), and propyl gallate (INS 310) at 200
	mg/kg, provided that single use limits are not exceeded.
134	Except for use in cereal-based puddings at 500 mg/kg.
135	Except for use in dried apricots at 2,000 mg/kg, bleached raisins at
	1,500 mg/kg, desiccated coconut at 200 mg/kg and coconut from
	which oil has been partially extracted at 50 mg/kg.
136	For use to prevent browning of certain light coloured vegetables
	only.
137	Except for use in frozen avocado at 300 mg/kg.
138	For use in energy-reduced products only.
139	For use in mollusks, crustaceans, and echinoderms only.
140	Except for use in canned abalone (univalve hydrolyse) at 1,000
	mg/kg.
141	For use in white chocolate only.
142	Excluding coffee and tea.

143	For use in fruit juice-based drinks and dry ginger ale only.
144	For use in sweet and sour products only.
145	For use in energy reduced or no added sugar products only.
146	Beta-carotene (synthetic) (INS 160a(i)) only.
147	Excluding whey powders for infant food.
148	Except for use in microsweets and breath freshening mints at 10,000
	mg/kg.
149	Except for use in fish roe at 100 mg/kg.
150	For use in soy-based formula only.
151	Except for use in hydrolysed protein and/or amino acid-based
	formula at 1,000 mg/kg.
152	For use in frying only.
153	For use in instant noodles only.
154	For use in coconut milk only.
155	For use in frozen, sliced apples only.
156	Except for use in microsweets and breath freshening mints at 2,500
	mg/kg.
157	Except for use in microsweets and breath freshening mints at 2,000
	mg/kg.
158	Except for use in microsweets and breath freshening mints at 1,000
	mg/kg.
159	For use in pancake syrup and maple syrup only.
160	For use in ready-to-drink products and pre-mixes for ready-to-drink
	products only.
162	For use in dehydrated products and salami-type products only.
163	Except for use in microsweets and breath freshening mints at 3,000
	mg/kg.
164	Except for use in microsweets and breath freshening mints at 30,000
	mg/kg.
165	For use in products for special nutritional use only.
166	For use in milk-based sandwich spreads only.
167	For use in dehydrated products only.
168	Quillaia extract type 1 (INS 999(i)) only.
169	For use in fat-based sandwich spreads only.
170	Excluding products conforming to the standard for fermented milks.
171	Excluding anhydrous milkfat.

172	Except for use in fruit sauces, fruit toppings, coconut cream, coconut milk and "fruit bars" at 50 mg/kg.
173	Excluding instant noodles containing vegetables and eggs.
174	Singly or in combination: sodium aluminosilicate (INS 554), calcium aluminium silicate (INS 556),and aluminium silicate (INS 559).
175	Except for use in jelly-type fruit-based desserts at 200 mg/kg.
176	For use in canned liquid coffee only.
177	For non-standardized food and minced fish flesh and breaded or batter coatings conforming to the standard for quick frozen fish sticks (fish fingers), fish portions and fish fillets –breaded or in batter
178	As carminic acid.
179	For use in restoring the natural colour lost in processing only.
180	Singly or in combination: butylated hydroxyanisole (BHA, INS 320) and butylated hydroxytoluene (BHT, INS 321).
181	As anthocyanin.
182	Excluding coconut milk.
183	Products conforming to the standard for chocolate and chocolate products may only use colours for surface decoration.
184	For use in nutrient coated rice grain premixes only.
185	As norbixin.
186	For use in flours with additives only.
187	Ascorbyl palmitate (INS 304) only.
188	If used in combination with aspartame-acesulfame salt (INS 962), the combined maximum use level, expressed as acesulfame potassium, should not exceed this level.
189	Excluding rolled oats.
190	Except for use in fermented milk drinks at 500 mg/kg.
191	If used in combination with aspartame-acesulfame salt (INS 962), the combined maximum use level, expressed as aspartame, should not exceed this level.
192	For use in liquid products only.
193	For use in crustacean and fish pastes only.
194	For use in instant noodles conforming to the standard for instant noodles only.
195	Singly or in combination: butylated hydroxyanisole (BHA, INS 320),

	butylated hydroxytoluene (BHT, INS 321) and tertiary
	butylhydroquinone (TBHQ, INS 319).
196	Singly or in combination: butylated hydroxyanisole (BHA, INS 320),
	butylated hydroxytoluene (BHT, INS 321) and ropyl gallate (INS
	310).
197	Singly or in combination: butylated hydroxytoluene (BHT, INS 321)
	and propyl gallate (INS 310).
198	For use in solid products (e.g., energy, meal replacement or fortified
	bars) only.
199	Except for use in microsweets and breath freshening mints at 6,000
	mg/kg as steviol equivalents.
200	Except for use in ham of pork loin (cured and non-heat-treated) at
	120 mg/kg as steviol equivalents
201	For use in flavoured products only.
202	For use in brine used in the production of sausage only.
203	For use in chewable supplements only.
204	Except for use in longan and lichee at 50 mg/kg.
205	Except for use to prevent browning of certain light colored
	vegetables at 50 mg/kg.
206	Except for use as a bleaching agent in products conforming to the
	standard for aqueous coconut products at 30 mg/kg.
207	Except for use in soybean sauce intended for further processing at
	50,000 mg/kg.
208	For use in dried and dehydrated products only.
209	Excluding products conforming to the standard for blend of skimmed
	milk and vegetable fat in powdered form.
210	For non-standardized food and fish filets and minced fish flesh
	conforming to the standard for quick frozen fish sticks (fish fingers),
	fish portions and fish fillets – breaded or in batter.
211	For use in noodles only.
212	Except for use in products conforming to the standard for bouillon
	and consommés at 3,000 mg/kg.
213	For use in liquid products containing high intensity sweeteners only.
214	Excluding products conforming to the standard for dairy fat spreads.
215	Excluding products conforming to the standard for fat spreads and
	blended spreads.

216	For use in maize-based products only.
217	Except for use in toppings at 300 mg/kg.
218	Only hydrolyse can be used as preservatives and antioxidants in the
	products covered by the standard for desiccated coconut.
219	Except for use in non-alcoholic aniseed-based, coconut-based, and
	almond-based drinks at 5,000 mg/kg.
220	For use in flavoured products heat treated after fermentation only.
221	For use in potato dough and pre-fried potato slices only.
222	For use in collagen-based casings with a water activity greater than
	0.6 only.
223	Except for use in products containing added fruits, vegetables, or
	meats at 3,000 mg/kg.
224	Excluding aromatized beer.
225	Except for use in self-raising flour at 12,000 mg/kg.
226	Except for use as a meat tenderizer at 35,000 mg/kg.
227	For use in sterilized and UHT treated milks only.
228	Except for use to stabilize higher protein liquid whey used for further
	processing into whey protein concentrates at 1,320 mg/kg.
229	For use as a flour treatment agent, raising agent or leavening agent
	only.
230	For use as an acidity regulator only.
231	For use in flavoured fermented milks and flavoured fermented milks
	heat treated after fermentation only.
232	For use in vegetable fats conforming to the standard for edible fats
	and oils not covered by individual standards only.
233	As nisin.
234	For use as a stabilizer or thickener only.
235	For use in reconstituted and recombined products only.
236	Excluding products conforming to the standard for cream and
	prepared creams (reconstituted cream, recombined cream,
	prepackaged liquid cream).
237	Excluding products conforming to the standard for processed cereal-
	based foods for infants and young children
238	Except for use in products corresponding to the standard for
	processed cereal-based foods for infants and young children) at
	GMP.

239	Excluding products conforming to the standard for canned baby foods.
240	The use level is within the limit for sodium listed in the standard for
	canned baby foods
241	For use in surimi products only.
242	For use as an antioxidant only.
243	For use in products conforming to the standard for processed cereal-
	based foods for infants and young children only, as a raising agent.
244	For use in biscuit dough only.
245	For use in pickled vegetables only.
246	Singly or in combination: aluminium ammonium hydrolys (INS 523) and sodium aluminium phosphates (acidic and basic; (INS 541(i),(ii)).
247	For use in kuzukiri and harusame (starch based products) only.
248	For use as a raising agent only.
249	For use as a raising agent in mixes for steamed breads and buns only.
250	For use in boiled mollusks and tsukudani only.
251	For use in processed hydrolys cheese only.
252	For use in self-rising flour and self-rising corn meal only.
253	For use in dry mix hot chocolate only.
254	For use in salt applied to dry salted cheeses during manufacturing only.
255	Except for use in seasonings applied to foods in food category 15.1 at 1,700 mg/kg.
256	For use in noodles, gluten-free pasta and pasta intended for hypoproteic diets only.
257	For use in shrimps and prawns only.
258	Excluding maple syrup.
259	Singly or in combination: sodium aluminosilicate (INS 554) and
	calcium aluminium silicate (INS 556).
260	For use in powdered beverage whiteners only.
261	For use in heat-treated buttermilk only.
262	For use in edible fungi and fungus products only.
263	Except for use in pickled fungi at 20,000 mg/kg.
264	Except for use in sterilized fungi at 5,000 mg/kg: citric acid (INS 330) and lactic acid (INS 270), singly or in combination.

265	For use in quick frozen French fried potatoes only, as a sequestrant.
266	Excluding salted atlantic herring and sprat.
267	Excluding products conforming to the standard for salted fish and dried salted fish of the gadidae family of fishes, the standard for dried shark fins, the standard for crackers from marine and freshwater fish, crustaceans and molluscan shellfish, and the standard for boiled dried salted anchovies.
268	Singly or in combination: ins 471, 472a, 472b and 472c in products conforming to the standard forprocessed cereal-based foods for infants and young children.
269	Singly or in combination with other modified starches used as thickeners in products conforming to the standard for processed cereal-based foods for infants and young children.
270	For use at 60,000 mg/kg, singly or in combination with other starch thickeners in products conforming to the standard for canned baby foods.
271	For use in products conforming to the standard for canned baby foods.
272	Singly or in combination: ins 410, 412, 414, 415 and 440 at 20,000 mg/kg in gluten-free cereal based foods, and 10,000 mg/kg in other products conforming to the standard for processed cereal- based foods for infants and young children .
273	Singly or in combination: ins 410, 412, 414, 415 and 440 except for use at 20,000 mg/kg in glutenfree cereal based foods in products conforming to the standard for processed cereal-based foods for infants and young children .
274	For use at 15,000 mg/kg in products conforming to the standard for processed cereal-based foods for infants and young children.
275	For use at 1,500 mg/kg in products conforming to the standard for canned baby foods.
276	Singly or in combination with other modified starches used as thickeners in products conforming to the standard for canned baby foods.
277	Excluding virgin and cold pressed oils and products conforming to the standard for olive oils and olive pomace oils.
278	For use in whipped cream and cream packed under pressure only.

279	Except for products conforming to the standard for edible fungi and fungus products.
280	For use in pickled radish only.
281	For use in fresh minced meat which contains other ingredients apart
	from comminuted meat only.
282	Only non-amidated pectins may be used in the standard for canned
	baby foods
283	For use in canned fruit-based baby foods conforming to the standard
	for canned baby foods only.
284	Singly or in combination: INS 1412, 1413, 1414 and 1440 in
	products conforming to the standard for infant formula and formulas
	for special medical purposes intended for infants.
285	Singly or in combination: INS 1412, 1413, 1414 and 1422 in
	products conforming to the standardfor follow-up formula.
286	For use in products conforming to the standard for luncheon meat
	and the standard for cooked cured chopped meat.
288	For use in products conforming to the standard for cooked cured ham
	and cooked cured pork shoulder.
289	For use of sodium dihydrogen phosphate (INS 339(i)), disodium
	hydrogen phosphate (INS 339(ii)),trisodium phosphate (INS
	339(iii)), potassium dihydrogen phosphate (INS 340(i)), dipotassium
	hydrogen phosphate (INS 340(ii)), tripotassium phosphate (INS 240(iii)), calaium dibudrogen phosphate (INS 241(i)), calaium
	340(iii)), calcium dihydrogen phosphate (INS 341(i)), calcium
	hydrogen phosphate (INS 341(ii)), tricalcium phosphate (INS 341(iii), disodium diphosphate (INS 450(i)), trisodium diphosphate
	(INS 450(ii)), tetrasodium diphosphate (INS 450(iii)), tetrapotassium
	diphosphate (INS 450(v)), calcium dihydrogen diphosphate (INS
	450(vii)), pentasodium triphosphate (INS 451(i)), pentapotassium
	triphosphate (INS 451(ii)), sodium polyphosphate (INS 452(i)),
	potassium polyphosphate (INS 452(ii)), sodium calcium
	polyphosphate (INS 452(iii)), calcium polyphosphate (INS 452(iv)),
	ammonium polyphosphate (INS 452(v)), and bone phosphate (INS
	542) as humectants in products conforming to the standard for
	cooked cured ham and cooked cured pork shoulder . The total
	amount of phosphates (naturally present and added) shall not exceed
	3,520 mg/kg as phosphorus.

290	For use in products conforming to the standard for luncheon meat and cooked cured chopped meat at 15 mg/kg to replace loss of colour
	in product with binders only.
291	Except for use of beta-apo-8'-carotenal (INS 160e) and beta-apo-8'-
	carotenoic acid, methyl or ethyl ester (INS 160f) at 35 mg/kg.
292	Except for use in hydrolysed protein and/or amino acid-based
	formula at 25,000 mg/kg.
293	On the saponin basis.
294	Except for use in liquid products at 600 mg/kg as steviol equivalents.
295	For use in products conforming to the standard for canned baby
	foods only, as an acidity regulator.
296	Except for use in perilla in brine at 780 mg/kg.
297	The level in the ready-to-eat food shall not exceed 200 mg/kg on the
	anhydrous basis.
298	For use in provolone cheese only.
299	For use at 400 mg/kg as phosphorous singly or in combination in
	breaded or batter coating inaccordance with standard for quick
	frozen fish sticks (fish fingers), fish portions and fish fillets-breaded
	or in batter.
300	For use in salted squid only.
301	Interim maximum level.
302	For use of sodium dihydrogen phosphate (INS 339(i)), disodium
	hydrogen phosphate (INS 339(ii),trisodium phosphate (INS 339(iii)),
	potassium dihydrogen phosphate (INS 340(i)), dipotassium hydrogen
	phosphate (INS 340(ii)), tripotassium phosphate (INS 340(iii)),
	calcium dihydrogen phosphate (341(i)), calcium hydrogen phosphate
	(INS 341(ii)), tricalcium phosphate (INS 341(iii)), disodium
	diphosphate (INS 450(i)), trisodium diphosphate (INS 450(ii)),
	tetrasodium diphosphate(INS 450(iii)), tetrapotassium diphosphate
	(INS 450(v)), calcium dihydrogen diphosphate (INS 450(vii)),
	pentasodium triphosphate (INS 451(i)), pentapotassium triphosphate
	(INS 451(ii)), sodium polyphosphate (INS 452(i)), potassium
	polyphosphate (INS 452(ii)), sodium calcium polyphosphate (INS
	452(iii)), calcium polyphosphate (INS 452(iv)), ammonium
	polyphosphate (INS 452(v)), and bone phosphate (INS 542) as
	humectants in products conforming to the standard for luncheon

	meat and cooked cured chopped meat at 1320 mg/kg as phosphorous. The total amount of phosphates (naturally present and added) shall not exceed 3,520 mg/kg as phosphorous.
303	For use as a pH stabilizer in soured cream butter only.
321	For use in powdered mixes only.
327	For use in fish products cooked in soy sauce.
330	Except for use in canned products.
340	Except for products not conforming to the Codex standard for bouillons and consommés (CODEX STAN 117-1981) at 100 mg/kg.
<sup>69</sup> [408	Only for bakery shortening]
FS01	Glucose oxidase from Aspergillus niger, A. oryzae, Penicillium chrysogenum
FS02	Lipase from Aspergillus niger, A. oryzae, A. flavus, Rhizopus arrhizus, R. delemar, R. nigricans, R. niveus, Mucor javanicus, M. miehei, M. pusillus, Brevibacterium lineus, Candida lipolytica
FS03	Xylanase from Aspergillus niger, Sporotrichum dimorphosporum, Streptomyces sp., Trichoderma reesei, Humicola insolens, Bacillus licheniformis
<sup>31</sup> [FS04a	Lactic acids, L(-) or DL malic acid and L(+) tartaric and citric acids can be only be added to musts under condition that the initial acidity content is not raised by more than 54 meq/l (i.e. 4 gm/l expressed in tartaric acid)].
<sup>70</sup> [FS04b	For use in pre-packed coconut water only.]
XS89	Excluding products conforming to standard for luncheon meat.
XS96	Excluding products conforming to the standard for cooked cured ham.
XS97	Excluding products conforming to the standard for cooked cured pork shoulder.
XS98	Excluding products conforming to the standard for cooked cured chopped meat.

XT99       In case of thermally processed fruit beverages/ fruit drinks/ready-to-serve fruit beverages, half of the recommended maxiumum level is permitted         XT100       70 mg/kg for thermally processed fruit beverages/ fruit drinks/ready-to-serve fruit beverages         XT101       300 mg/kg for thermally processed fruit beverages/ fruit drinks/ready-to-serve fruit beverages         XT102       On dilution except in cordial and barley water <sup>52</sup> [323       For use as firming agent         348       Singly or in combination: Sucrose esters of fatty acids (INS 473), sucrose oligoesters, type and type II (INS 473a) and sucroglycerides (INS 474) <sup>81</sup> [358       Except for use in fish oils at 6,000 mg/kg, singly or in combination]         359       Excluding dairy fat spreads with ≥ 70% milk fat content         360       In dairy fat spreads limited to products with < 70% fat content or baking purposes only.         363       For use at 50,000 mg/kg for emulsified oils used in the production of noodles or bakery products.         366       I0,000 mg/kg in initiation chocolate with >5% water content.         367       For use at 10,000 mg/kg in whipped decorations         389       Except for use at 500 mg/kg in products containing nut paste         XS 86       Excluding products conforming to the Standard for Cocoa Butter         XS 87       Excluding products conforming to the Standard for Cocoa (Cacao) Mass (Cocoa/chocolate liquor) and Cocoa Cake	73[V0042	Excluding products conforming to the standard for formanted will-1
serve fruit beverages, half of the recommended maxiumum level is permitted         XT100       70 mg/kg for thermally processed fruit beverages/ fruit drinks/ready-to- serve fruit beverages         XT101       300 mg/kg for thermally processed fruit beverages/ fruit drinks/ready-to- serve fruit beverages         XT102       On dilution except in cordial and barley water <sup>52</sup> [323       For use as firming agent         348       Singly or in combination: Sucrose esters of fatty acids (INS 473), sucrose oligoesters, type and type II (INS 473a) and sucroglycerides (INS 474) <sup>81</sup> [358       Except for use in fish oils at 6,000 mg/kg, singly or in combination]         359       Excluding dairy fat spreads with ≥ 70% milk fat content         360       In dairy fat spreads limited to products with < 70% fat content or baking purposes only.	<sup>73</sup> [XS243	Excluding products conforming to the standard for fermented milks]
permitted           XT100         70 mg/kg for thermally processed fruit beverages/ fruit drinks/ready- to- serve fruit beverages           XT101         300 mg/kg for thermally processed fruit beverages/ fruit drinks/ready-to- serve fruit beverages           XT102         On dilution except in cordial and barley water <sup>52</sup> [323         For use as firming agent           348         Singly or in combination: Sucrose esters of fatty acids (INS 473), sucrose oligoesters, type and type II (INS 473a) and sucroglycerides (INS 474) <sup>81</sup> [358         Except for use in fish oils at 6,000 mg/kg, singly or in combination]           359         Excluding dairy fat spreads with ≥ 70% milk fat content           360         In dairy fat spreads limited to products with < 70% fat content or baking purposes only.           363         For use at 50,000 mg/kg for emulsified oils used in the production of noodles or bakery products.           366         10,000 mg/kg in imitation chocolate with >5% water content.           367         For use at 10,000 mg/kg in products containing nut paste           XS 86         Excluding products conforming to the Standard for Cocoa Butter           XS 87         Excluding products conforming to the Standard for Cocoa (Cacao) Mass (Cocoa/chocolate liquor) and Cocoa Cake           XS240         Excluding products conforming to the Standard for Aqueous Coconut Products	X199	
XT100       70 mg/kg for thermally processed fruit beverages/ fruit drinks/ready-to-serve fruit beverages         XT101       300 mg/kg for thermally processed fruit beverages/ fruit drinks/ready-to-serve fruit beverages         XT102       On dilution except in cordial and barley water <sup>52</sup> [323       For use as firming agent         348       Singly or in combination: Sucrose esters of fatty acids (INS 473), sucrose oligoesters, type and type II (INS 473a) and sucroglycerides (INS 474) <sup>81</sup> [358       Except for use in fish oils at 6,000 mg/kg, singly or in combination]         359       Excluding dairy fat spreads with ≥ 70% milk fat content         360       In dairy fat spreads limited to products with < 70% fat content or baking purposes only.		
to-serve fruit beverages           XT101         300 mg/kg for thermally processed fruit beverages/ fruit drinks/ready-to-serve fruit beverages           XT102         On dilution except in cordial and barley water <sup>52</sup> [323         For use as firming agent           348         Singly or in combination: Sucrose esters of fatty acids (INS 473), sucrose oligoesters, type and type II (INS 473a) and sucroglycerides (INS 474) <sup>81</sup> [358         Except for use in fish oils at 6,000 mg/kg, singly or in combination]           359         Excluding dairy fat spreads with ≥ 70% milk fat content           360         In dairy fat spreads limited to products with < 70% fat content or baking purposes only.		
XT101300mg/kgforthermallyprocessedfruitbeverages/fruitXT102On dilution exceptin cordial and barley water $^{52}$ [323For use as firming agent348Singly or in combination: Sucrose esters of fatty acids (INS 473), sucrose oligoesters, type and type II (INS 473a) and sucroglycerides (INS 474) $^{81}$ [358Except for use in fish oils at 6,000 mg/kg, singly or in combination]359Excluding dairy fat spreads with $\geq$ 70% milk fat content360In dairy fat spreads limited to products with < 70% fat content or baking purposes only.363For use at 50,000 mg/kg for emulsified oils used in the production of noodles or bakery products.36610,000 mg/kg in imitation chocolate with >5% water content.367For use at 10,000 mg/kg in candy containing not less than 10% oil368For use at 500 mg/kg in products containing nut pasteXS 86Excluding products conforming to the Standard for Chocolate and Chocolate ProductsXS 105Excluding products conforming to the Standard for Cocoa Powders (Cocoas) and Dry Mixtures of Cocoa and SugarsXS141Excluding products conforming to the Standard for Cocoa (Cacao) Mass (Cocoa/chocolate liquor) and Cocoa CakeXS240Excluding products conforming to the Standard for Aqueous Coconut Products	XT100	
drinks/ready-to- serve fruit beveragesXT102On dilution except in cordial and barley water $5^{2}$ [323For use as firming agent348Singly or in combination: Sucrose esters of fatty acids (INS 473), sucrose oligoesters, type and type II (INS 473a) and sucroglycerides (INS 474) $8^{1}$ [358Except for use in fish oils at 6,000 mg/kg, singly or in combination]359Excluding dairy fat spreads with $\geq$ 70% milk fat content360In dairy fat spreads limited to products with < 70% fat content or baking purposes only.363For use at 50,000 mg/kg for emulsified oils used in the production of noodles or bakery products.36610,000 mg/kg in imitation chocolate with >5% water content.367For use at 10,000 mg/kg in candy containing not less than 10% oil368For use at 10,000 mg/kg in products containing nut pasteXS 86Excluding products conforming to the Standard for Cocoa ButterXS 87Excluding products conforming to the Standard for Cocoa Powders (Cocoas) and Dry Mixtures of Cocoa and SugarsXS141Excluding products conforming to the Standard for Cocoa (Cacao) Mass (Cocoa/chocolate liquor) and Cocoa CakeXS240Excluding products conforming to the Standard for Aqueous Coconut Products		
XT102On dilution except in cordial and barley water $^{52}$ [323For use as firming agent $^{348}$ Singly or in combination: Sucrose esters of fatty acids (INS 473), sucrose oligoesters, type and type II (INS 473a) and sucroglycerides (INS 474) $^{81}$ [358Except for use in fish oils at 6,000 mg/kg, singly or in combination] $^{559}$ Excluding dairy fat spreads with ≥ 70% milk fat content $^{360}$ In dairy fat spreads limited to products with < 70% fat content or baking purposes only. $^{363}$ For use at 50,000 mg/kg for emulsified oils used in the production of noodles or bakery products. $^{366}$ 10,000 mg/kg in imitation chocolate with >5% water content. $^{367}$ For use at 10,000 mg/kg in candy containing not less than 10% oil $^{368}$ For use at 10,000 mg/kg in products containing nut pasteXS 86Excluding products conforming to the Standard for Cocoa ButterXS 87Excluding products conforming to the Standard for Cocoa Powders (Cocoas) and Dry Mixtures of Cocoa and SugarsXS141Excluding products conforming to the Standard for Cocoa (Cacao) Mass (Cocoa/chocolate liquor) and Cocoa CakeXS240Excluding products conforming to the Standard for Aqueous Coconut Products	XT101	
<ul> <li><sup>52</sup>[323 For use as firming agent</li> <li>348 Singly or in combination: Sucrose esters of fatty acids (INS 473), sucrose oligoesters, type and type II (INS 473a) and sucroglycerides (INS 474)</li> <li><sup>81</sup>[358 Except for use in fish oils at 6,000 mg/kg, singly or in combination]</li> <li>359 Excluding dairy fat spreads with ≥ 70% milk fat content</li> <li>360 In dairy fat spreads limited to products with &lt; 70% fat content or baking purposes only.</li> <li>363 For use at 50,000 mg/kg for emulsified oils used in the production of noodles or bakery products.</li> <li>366 10,000 mg/kg in imitation chocolate with &gt;5% water content.</li> <li>367 For use at 10,000 mg/kg in candy containing not less than 10% oil</li> <li>368 For use at 10,000 mg/kg in products containing nut paste</li> <li>XS 86 Excluding products conforming to the Standard for Chocolate and Chocolate Products</li> <li>XS 105 Excluding products conforming to the Standard for Chocolate and Chocolate Products</li> <li>XS 141 Excluding products conforming to the Standard for Cocoa (Cacao) Mass (Cocoa/chocolate liquor) and Cocoa Cake</li> <li>XS240 Excluding products conforming to the Standard for Aqueous Coconut Products</li> </ul>		drinks/ready-to- serve fruit beverages
348       Singly or in combination: Sucrose esters of fatty acids (INS 473), sucrose oligoesters, type and type II (INS 473a) and sucroglycerides (INS 474) <sup>81</sup> [358       Except for use in fish oils at 6,000 mg/kg, singly or in combination]         359       Excluding dairy fat spreads with ≥ 70% milk fat content         360       In dairy fat spreads limited to products with < 70% fat content or baking purposes only.	XT102	On dilution except in cordial and barley water
sucrose oligoesters, type and type II (INS 473a) and sucroglycerides (INS 474) <sup>81</sup> [358       Except for use in fish oils at 6,000 mg/kg, singly or in combination]         359       Excluding dairy fat spreads with ≥ 70% milk fat content         360       In dairy fat spreads limited to products with < 70% fat content or baking purposes only.	<sup>52</sup> [323	For use as firming agent
(INS 474) <sup>81</sup> [358       Except for use in fish oils at 6,000 mg/kg, singly or in combination]         359       Excluding dairy fat spreads with ≥ 70% milk fat content         360       In dairy fat spreads limited to products with < 70% fat content or baking purposes only.	348	Singly or in combination: Sucrose esters of fatty acids (INS 473),
<ul> <li><sup>81</sup>[358 Except for use in fish oils at 6,000 mg/kg, singly or in combination]</li> <li>359 Excluding dairy fat spreads with ≥ 70% milk fat content</li> <li>360 In dairy fat spreads limited to products with &lt; 70% fat content or baking purposes only.</li> <li>363 For use at 50,000 mg/kg for emulsified oils used in the production of noodles or bakery products.</li> <li>366 10,000 mg/kg in imitation chocolate with &gt;5% water content.</li> <li>367 For use at 10,000 mg/kg in candy containing not less than 10% oil</li> <li>368 For use at 10,000 mg/kg in products containing nut paste</li> <li>XS 86 Excluding products conforming to the Standard for Cocoa Butter</li> <li>XS 87 Excluding products conforming to the Standard for Cocoa Powders (Cocoas) and Dry Mixtures of Cocoa and Sugars</li> <li>XS141 Excluding products conforming to the Standard for Cocoa (Cacao) Mass (Cocoa/chocolate liquor) and Cocoa Cake</li> <li>XS240 Excluding products conforming to the Standard for Aqueous Coconut Products</li> </ul>		sucrose oligoesters, type and type II (INS 473a) and sucroglycerides
359       Excluding dairy fat spreads with ≥ 70% milk fat content         360       In dairy fat spreads limited to products with < 70% fat content or baking purposes only.		(INS 474)
360In dairy fat spreads limited to products with < 70% fat content or baking purposes only.363For use at 50,000 mg/kg for emulsified oils used in the production of noodles or bakery products.36610,000 mg/kg in imitation chocolate with >5% water content.367For use at 10,000 mg/kg in candy containing not less than 10% oil368For use at 10,000 mg/kg in whipped decorations389Except for use at 500 mg/kg in products containing nut pasteXS 86Excluding products conforming to the Standard for Chocolate and Chocolate ProductsXS 105Excluding products conforming to the Standard for Cocoa Powders (Cocoas) and Dry Mixtures of Cocoa and SugarsXS141Excluding products conforming to the Standard for Cocoa (Cacao) Mass (Cocoa/chocolate liquor) and Cocoa CakeXS240Excluding products conforming to the Standard for Aqueous Coconut Products	<sup>81</sup> [358	Except for use in fish oils at 6,000 mg/kg, singly or in combination]
baking purposes only.363For use at 50,000 mg/kg for emulsified oils used in the production of noodles or bakery products.36610,000 mg/kg in imitation chocolate with >5% water content.367For use at 10,000 mg/kg in candy containing not less than 10% oil368For use at 10,000 mg/kg in whipped decorations389Except for use at 500 mg/kg in products containing nut pasteXS 86Excluding products conforming to the Standard for Cocoa ButterXS 87Excluding products conforming to the Standard for Chocolate and Chocolate ProductsXS 105Excluding products conforming to the Standard for Cocoa Powders (Cocoas) and Dry Mixtures of Cocoa and SugarsXS141Excluding products conforming to the Standard for Cocoa (Cacao) Mass (Cocoa/chocolate liquor) and Cocoa CakeXS240Excluding products conforming to the Standard for Aqueous Coconut Products	359	Excluding dairy fat spreads with $\geq 70\%$ milk fat content
363For use at 50,000 mg/kg for emulsified oils used in the production of noodles or bakery products.36610,000 mg/kg in imitation chocolate with >5% water content.367For use at 10,000 mg/kg in candy containing not less than 10% oil368For use at 10,000 mg/kg in whipped decorations389Except for use at 500 mg/kg in products containing nut pasteXS 86Excluding products conforming to the Standard for Cocoa ButterXS 87Excluding products conforming to the Standard for Chocolate and Chocolate ProductsXS 105Excluding products conforming to the Standard for Cocoa Powders (Cocoas) and Dry Mixtures of Cocoa and SugarsXS141Excluding products conforming to the Standard for Cocoa (Cacao) Mass (Cocoa/chocolate liquor) and Cocoa CakeXS240Excluding products conforming to the Standard for Aqueous Coconut Products	360	In dairy fat spreads limited to products with $< 70\%$ fat content or
noodles or bakery products.36610,000 mg/kg in imitation chocolate with >5% water content.367For use at 10,000 mg/kg in candy containing not less than 10% oil368For use at 10,000 mg/kg in whipped decorations389Except for use at 500 mg/kg in products containing nut pasteXS 86Excluding products conforming to the Standard for Cocoa ButterXS 87Excluding products conforming to the Standard for Chocolate and Chocolate ProductsXS 105Excluding products conforming to the Standard for Cocoa Powders (Cocoas) and Dry Mixtures of Cocoa and SugarsXS141Excluding products conforming to the Standard for Cocoa (Cacao) Mass (Cocoa/chocolate liquor) and Cocoa CakeXS240Excluding products conforming to the Standard for Aqueous Coconut Products		baking purposes only.
<ul> <li>366 10,000 mg/kg in imitation chocolate with &gt;5% water content.</li> <li>367 For use at 10,000 mg/kg in candy containing not less than 10% oil</li> <li>368 For use at 10,000 mg/kg in whipped decorations</li> <li>389 Except for use at 500 mg/kg in products containing nut paste</li> <li>XS 86 Excluding products conforming to the Standard for Cocoa Butter</li> <li>XS 87 Excluding products conforming to the Standard for Chocolate and Chocolate Products</li> <li>XS 105 Excluding products conforming to the Standard for Cocoa Powders (Cocoas) and Dry Mixtures of Cocoa and Sugars</li> <li>XS141 Excluding products conforming to the Standard for Cocoa (Cacao) Mass (Cocoa/chocolate liquor) and Cocoa Cake</li> <li>XS240 Excluding products conforming to the Standard for Aqueous Coconut Products</li> </ul>	363	For use at 50,000 mg/kg for emulsified oils used in the production of
367For use at 10,000 mg/kg in candy containing not less than 10% oil368For use at 10,000 mg/kg in whipped decorations389Except for use at 500 mg/kg in products containing nut pasteXS 86Excluding products conforming to the Standard for Cocoa ButterXS 87Excluding products conforming to the Standard for Chocolate and Chocolate ProductsXS 105Excluding products conforming to the Standard for Cocoa Powders (Cocoas) and Dry Mixtures of Cocoa and SugarsXS141Excluding products conforming to the Standard for Cocoa (Cacao) Mass (Cocoa/chocolate liquor) and Cocoa CakeXS240Excluding products conforming to the Standard for Aqueous Coconut Products		noodles or bakery products.
368For use at 10,000 mg/kg in whipped decorations389Except for use at 500 mg/kg in products containing nut pasteXS 86Excluding products conforming to the Standard for Cocoa ButterXS 87Excluding products conforming to the Standard for Chocolate and Chocolate ProductsXS 105Excluding products conforming to the Standard for Cocoa Powders (Cocoas) and Dry Mixtures of Cocoa and SugarsXS141Excluding products conforming to the Standard for Cocoa (Cacao) Mass (Cocoa/chocolate liquor) and Cocoa CakeXS240Excluding products conforming to the Standard for Aqueous Coconut Products	366	10,000 mg/kg in imitation chocolate with >5% water content.
<ul> <li>389 Except for use at 500 mg/kg in products containing nut paste</li> <li>XS 86 Excluding products conforming to the Standard for Cocoa Butter</li> <li>XS 87 Excluding products conforming to the Standard for Chocolate and Chocolate Products</li> <li>XS 105 Excluding products conforming to the Standard for Cocoa Powders (Cocoas) and Dry Mixtures of Cocoa and Sugars</li> <li>XS141 Excluding products conforming to the Standard for Cocoa (Cacao) Mass (Cocoa/chocolate liquor) and Cocoa Cake</li> <li>XS240 Excluding products conforming to the Standard for Aqueous Coconut Products</li> </ul>	367	For use at 10,000 mg/kg in candy containing not less than 10% oil
XS 86Excluding products conforming to the Standard for Cocoa ButterXS 87Excluding products conforming to the Standard for Chocolate and Chocolate ProductsXS 105Excluding products conforming to the Standard for Cocoa Powders (Cocoas) and Dry Mixtures of Cocoa and SugarsXS141Excluding products conforming to the Standard for Cocoa (Cacao) Mass (Cocoa/chocolate liquor) and Cocoa CakeXS240Excluding products conforming to the Standard for Aqueous Coconut Products	368	For use at 10,000 mg/kg in whipped decorations
XS 87Excluding products conforming to the Standard for Chocolate and Chocolate ProductsXS 105Excluding products conforming to the Standard for Cocoa Powders (Cocoas) and Dry Mixtures of Cocoa and SugarsXS141Excluding products conforming to the Standard for Cocoa (Cacao) Mass (Cocoa/chocolate liquor) and Cocoa CakeXS240Excluding products conforming to the Standard for Aqueous Coconut Products	389	Except for use at 500 mg/kg in products containing nut paste
Chocolate ProductsXS 105Excluding products conforming to the Standard for Cocoa Powders (Cocoas) and Dry Mixtures of Cocoa and SugarsXS141Excluding products conforming to the Standard for Cocoa (Cacao) Mass (Cocoa/chocolate liquor) and Cocoa CakeXS240Excluding products conforming to the Standard for Aqueous Coconut Products	XS 86	Excluding products conforming to the Standard for Cocoa Butter
XS 105Excluding products conforming to the Standard for Cocoa Powders (Cocoas) and Dry Mixtures of Cocoa and SugarsXS141Excluding products conforming to the Standard for Cocoa (Cacao) Mass (Cocoa/chocolate liquor) and Cocoa CakeXS240Excluding products conforming to the Standard for Aqueous Coconut Products	XS 87	Excluding products conforming to the Standard for Chocolate and
(Cocoas) and Dry Mixtures of Cocoa and SugarsXS141Excluding products conforming to the Standard for Cocoa (Cacao) Mass (Cocoa/chocolate liquor) and Cocoa CakeXS240Excluding products conforming to the Standard for Aqueous Coconut Products		Chocolate Products
XS141Excluding products conforming to the Standard for Cocoa (Cacao) Mass (Cocoa/chocolate liquor) and Cocoa CakeXS240Excluding products conforming to the Standard for Aqueous Coconut Products	XS 105	Excluding products conforming to the Standard for Cocoa Powders
Mass (Cocoa/chocolate liquor) and Cocoa Cake         XS240       Excluding products conforming to the Standard for Aqueous Coconut Products		(Cocoas) and Dry Mixtures of Cocoa and Sugars
Mass (Cocoa/chocolate liquor) and Cocoa Cake         XS240       Excluding products conforming to the Standard for Aqueous Coconut Products	XS141	Excluding products conforming to the Standard for Cocoa (Cacao)
XS240 Excluding products conforming to the Standard for Aqueous Coconut Products		Mass (Cocoa/chocolate liquor) and Cocoa Cake
Coconut Products	XS240	
XS314R Excluding products conforming to the Standard for Date Pastel		
	XS314R	Excluding products conforming to the Standard for Date Paste]

## **GMP Table Provisions For all Food Categories**

The following additives, as indicated may be used in all food categories (except those categories listed in the 'Annex to GMP' list) under the conditions of Good Manufacturing Practice (GMP) as outlined in the 3.1(8)

INS No.	Food Additive
260	Acetic acid, glacial
472a	Acetic and fatty acid esters of glycerol
1422	Acetylated distarch adipate
1414	Acetylated distarch phosphate
1451	Acetylated oxidized starch
1401	Acid-treated starch
406	Agar
400	Alginic acid
1402	Alkaline treated starch
403	Ammonium alginate
503(i)	Ammonium carbonate
510	Ammonium chloride
503(ii)	Ammonium hydrogen carbonate
527	Ammonium hydroxide
1100(i)	alpha-Amylase from Aspergillus oryzae var.
1100(iv)	alpha-Amylase from Bacillus megaterium expressed in Bacillus
	subtilis
<b>1100(v)</b>	alpha-Amylase from Bacillus stearothermophilus expressed in
	Bacillus subtilis
<b>1100(ii)</b>	alpha-Amylase from Bacillus stearothermophilus
<b>1100(iii)</b>	alpha-Amylase from Bacillus subtilis
300	Ascorbic acid, L-
162	Beet red
1403	Bleached starch
<b>1101(iii)</b>	Bromelain
629	Calcium 5'-guanylate
633	Calcium 5'-inosinate
634	Calcium 5'-ribonucleotides
263	Calcium acetate
404	Calcium alginate

509       C         623       C         578       C         526       C         327       C         352(ii)       C	Calcium carbonate Calcium chloride Calcium di-L-glutamate Calcium gluconate Calcium hydroxide Calcium hydroxide Calcium nalate, DL- Calcium oxide Calcium propionate		
623       C         578       C         526       C         327       C         352(ii)       C	Calcium di-L-glutamate Calcium gluconate Calcium hydroxide Calcium lactate Calcium malate, DL- Calcium oxide		
578       C         526       C         327       C         352(ii)       C	Calcium gluconate Calcium hydroxide Calcium lactate Calcium malate, DL- Calcium oxide		
526       C         327       C         352(ii)       C	Calcium hydroxide Calcium lactate Calcium malate, DL- Calcium oxide		
327     C       352(ii)     C	Calcium lactate Calcium malate, DL- Calcium oxide		
352(ii) C	Calcium malate, DL- Calcium oxide		
	Calcium oxide		
529 C			
	Calcium propionate		
<b>282</b> C			
552 C	Calcium silicate		
<b>516</b> C	Calcium sulfate		
150a C	Caramel I – plain caramel		
1100(vi) C	Carbohydrase from Bacillus licheniformis		
<b>290</b> C	Carbon dioxide		
<b>410</b> C	Carob bean gum		
<b>407</b> C	Carrageenan		
<b>427</b> C	Cassia gum		
140 C	Chlorophylls		
<b>330</b> C	Citric acid		
<b>472c</b> C	Citric and fatty acid esters of glycerol		
<b>468</b> C	Cross-linked sodium carboxymethyl cellulose (Cross-linked-		
С	cellulose gum)		
<b>424</b> C	Curdlan		
<b>457</b> C	Cyclodextrin, alpha-		
<b>458</b> C	Cyclodextrin, gamma-		
1504(i) C	Cyclotetraglucose		
1504(ii) C	Cyclotetraglucose syrup		
<b>1400</b> D	Dextrins, roasted starch		
	Dipotassium 5'-guanylate		
	Disodium 5'-guanylate		
	Disodium 5'-inosinate		
<b>635</b> D	Disodium 5'-ribonucleotides		
<b>1412</b> D	Distarch phosphate		
<b>315</b> E	Erythorbic acid (Isoascorbic acid)		
<b>968</b> E	Erythritol		

462	Ethyl cellulose	
467	Ethyl hydroxyethyl cellulose	
297	Fumaric acid	
418	Gellan gum	
575	Glucono delta-lactone	
1102	Glucose oxidase (Note FS01)	
620	Glutamic acid, L(+)-	
422	Glycerol	
626	Guanylic acid, 5'-	
412	Guar gum	
414	Gum arabic (Acacia gum)	
507	Hydrochloric acid	
463	Hydroxypropyl cellulose	
1442	Hydroxypropyl distarch phosphate	
464	Hydroxypropyl methyl cellulose	
1440	Hydroxypropyl starch	
630	Inosinic acid, 5'-	
953	Isomalt (Hydrogenated isomaltulose)	
416	Karaya gum	
425	Konjac flour	
270	Lactic acid, L-, D- and DL-	
472b	Lactic and fatty acid esters of glycerol	
966	Lactitol	
322(i), (ii)	Lecithins	
1104	Lipases (Note FS02)	
160d(iii)	Lycopene, Blakeslea trispora	
160d(i)	Lycopene, synthetic	
160d(ii)	Lycopene, tomato	
504(i)	Magnesium carbonate	
511	Magnesium chloride	
625	Magnesium di-L-glutamate	
580	Magnesium gluconate	
528	Magnesium hydroxide	
504(ii)	Magnesium hydroxide carbonate	
329	Magnesium lactate, DL-	
530	Magnesium oxide	
<b>35</b> 0   37 ·	n = 1 (01 00 2023)	

553(i)	Magnesium silicate, synthetic		
<sup>82</sup> [470 (iii)	Magnacium staaratal		
518	Magnesium stearate] Magnesium sulfate		
296	Malic acid, DL- Maltitol		
965(i)	Maltitol Maltitol symp		
965(ii)	Maltitol syrup		
421	Mannitol		
461	Methyl cellulose		
465	Methyl ethyl cellulose		
460(i)	Microcrystalline cellulose (Cellulose gel)		
471	Mono- and di-glycerides of fatty acids		
624	Monoammonium L-glutamate		
622	Monopotassium L-glutamate		
621	Monosodium L-glutamate		
1410	Monostarch phosphate		
941	Nitrogen		
942	Nitrous oxide		
1404	Oxidized starch		
<b>1101(ii)</b>	Papain		
440	Pectins		
1413	Phosphated distarch phosphate		
1200	Polydextroses		
964	Polyglycitol syrup		
1202	Polyvinylpyrrolidone, insoluble		
632	Potassium 5'-inosinate		
261	Potassium acetates		
402	Potassium alginate		
303	Potassium ascorbate		
501(i)	Potassium carbonate		
508	Potassium chloride		
332(i)	Potassium dihydrogen citrate		
577	Potassium gluconate		
501(ii)	Potassium hydrogen carbonate		
515(ii)	Potassium hydrogen sulfate		
525	Potassium hydroxide		

326	Potassium lactate		
351(ii)	Potassium malate		
283	Potassium propionate		
515(i)	Potassium sulfate		
<b>460(ii)</b>	Powdered cellulose		
407a	Processed eucheuma seaweed		
944	Propane		
280	Propionic acid		
1101(i)	Protease		
1204	Pullulan		
470(i)	Salts of myristic, palmitic and stearic acids with ammonia, calcium, potassium and sodium		
470(ii)	Salts of oleic acid with calcium, potassium and sodium		
<b>470(II)</b> 551	Silicon dioxide, amorphous		
350(ii)	Silicon dioxide, amorphous Sodium DL-malate		
262(i)	Sodium DL-Inalate Sodium acetate		
401	Sodium alginate		
301	Sodium alginate Sodium ascorbate		
500(i)	Sodium ascorbate Sodium carbonate		
466	Carboxymethyl cellulose		
469	Sodium carboxymethyl cellulose, enzymatically hydrolysed		
	(Cellulose gum, enzymatically hydrolyzed)		
331(i)	Sodium dihydrogen citrate		
316	Sodium erythorbate (Sodium isoascorbate)		
365	Sodium fumarates		
576	Sodium gluconate		
350(i)	Sodium hydrogen DL-malate		
500(ii)	Sodium hydrogen carbonate		
514(ii)	Sodium hydrogen sulfate		
524	Sodium hydroxide		
325	Sodium lactate		
281	Sodium propionate		
500(iii)	Sodium sesquicarbonate		
514(i)	Sodium sulfate		
420(i)	Sorbitol		
<b>420(ii)</b>	Sorbitol syrup		

1420	Starch acetate	
1450	Starch sodium octenyl succinate	
1405	Starches, enzyme treated	
553(iii)	Talc	
417	Tara gum	
957	Thaumatin	
171	Titanium dioxide	
413	Tragacanth gum	
1518	Triacetin	
380	Triammonium citrate	
<b>333(iii)</b>	Tricalcium citrate	
332(ii)	Tripotassium citrate	
<b>331(iii)</b>	Trisodium citrate	
415	Xanthan gum	
967	Xylitol	

### ANNEX TO GMP Table

Sr.	Category	Food category
No	number	
1.	1.1.1	Milk and buttermilk (plain) (excluding heat-treated buttermilk)
2.	1.1.1.1	Milk (plain)
3.	1.1.1.2	Buttermilk (plain)
4.	1.2	Fermented and renneted milk products (plain) excluding food category 1.1.2 (dairy based drinks)
5.	1.2.1	Fermented and renneted milk products (plain), excluding food category 1.1.2 (dairy-based drinks)
6.	1.2.1.1	Fermented milks (plain), not heat-treated after fermentation
7.	1.2.1.2	Fermented milks (plain), heat-treated after fermentation
8.	1.2.2	Renneted milk (plain)
9.	1.4.1	Pasteurized cream (plain)
10.	1.4.2	Sterilized and UHT creams, whipping or whipped creams, and reduced fat creams (plain)
11.	1.6.3	Whey Cheese
12.	1.6.6	Whey protein cheese
13.	1.8.2	Dried whey and whey products, excluding whey cheese
14.	2.1	Fats and oils essentially free from water
15.	2.1.1	Butter oil, anhydrous milkfat, ghee
16.	2.1.2	Vegetable oils and fats

## Food Categories or Individual Food Items where GMP Table shall not apply

Sr.	Category	Food category
No	number	
17.	2.1.3	Lard, tallow, fish oil, and other animal fats
18.	2.2.1	Butter
19.	4.1.1	Fresh fruit
20.	4.1.1.1	Untreated fresh fruit
21.	4.1.1.2	Surface-treated fresh fruit
22.	4.1.1.3	<sup>52</sup> [Peeled or cut, minimally processed fruit]
23.	4.2.1	Fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds
24.	4.2.1.1	Untreated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes [(including soybeans)], and aloe vera), seaweeds, and nuts and seeds
25.	4.2.1.2	Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds
26.	4.2.1.3	<sup>52</sup> [Peeled, cut or shredded minimally processed vegetables ((including mushrooms and fungi, roots and tubers, fresh pulses and legumes, and aloe vera) sea weeds, nuts and seeds)]
27.	4.2.2.1	Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds
28.	4.2.2.7	Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food categories 6.8.6, 6.8.7, 12.9.1, 12.9.2.1 and 12.9.2.3

Sr. No	Category number	Food category
29.	6.1	Whole, broken or flaked grain, including rice
30.	6.2	Flours and starches (including soybean powder)
31.	6.2.1	Flours
32.	6.2.2	Starches
33.	6.4.1	Fresh pastas and noodles and like products
34.	6.4.2	Dried pastas and noodles and like products
35.	8.1	Fresh meat, poultry, and game
36.	8.1.1	Fresh meat, poultry, and game, whole pieces or cuts
37.	8.1.2	Fresh meat, poultry, and game, comminuted
38.	9.1	Fresh fish and fish products, including molluscs, crustaceans and echinoderms
39.	9.1.1	Fresh fish
40.	9.1.2	Fresh mollusks, crustaceans, and echinoderms
41.	9.2	Processed fish and fish products, including molluscs, crustaceans and echinoderms
42.	9.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms
43.	9.2.2	Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms
44.	9.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms
45.	9.2.4	Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms
46.	9.2.4.1	Cooked fish and fish products

Sr.	Category	Food category
No	number	
47.	9.2.4.2	Cooked mollusks, crustaceans, and echinoderms
48.	9.2.4.3	Fried fish and fish products, including mollusks, crustaceans, and echinoderms
49.	9.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms
50.	10.1	Fresh eggs
51.	10.2.1	Liquid egg products
52.	10.2.2	Frozen egg products
53.	11.1	Refined and raw sugars
54.	11.1.1	White sugar, dextrose anhydrous, dextrose monohydrate, fructose
55.	11.1.2	Powdered sugar, powdered dextrose
56.	11.1.3	Soft white sugar, soft brown sugar, glucose syrup, dried glucose syrup, raw cane sugar
57.	11.1.3.1	Dried glucose syrup used to manufacture sugar confectionery
58.	11.1.3.2	Glucose syrup used to manufacture sugar confectionery
59.	11.1.4	Lactose
60.	11.1.5	Plantation or mill white sugar
<sup>52</sup> [60A	11.1.6	Gur or Jaggery
60B	11.1.6.1	Cane Jaggery/Gur
60C	11.1.6.2	Palm Jaggery/Gur
60D	11.1.6.3	Date Jaggery/Gur]
61.	11.2	Brown sugar, excluding products of food category 11.1.3 (soft white sugar, soft brown sugar, glucose syrup, dried

Sr.	Category	Food category
No	number	
		glucose syrup, raw cane sugar)
62.	11.3	Sugar solutions and syrups, also (partially) inverted, including treacle and molasses, excluding products of food category 11.1.3 (soft white sugar, soft brown sugar, glucose syrup, dried glucose syrup, raw cane sugar)
63.	11.4	Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings)
64.	11.5	Honey
65.	12.1	Salt and salt substitutes
66.	12.1.1	Salt
67.	12.1.2	Salt substitutes
68.	12.2.1	Herbs and spices (EXCLUDING SPICES)
69.	14.1.1	Waters
70.	14.1.1.1	Natural mineral waters and source waters
71.	14.1.1.2	Table waters and soda waters
72.	14.1.2	Fruit and vegetable juices
73.	14.1.2.1	Fruit juice
74.	14.1.2.2	Vegetable juice
75.	14.1.2.3	Concentrates for fruit juice
76.	14.1.2.4	Concentrates for vegetable juice
77.	14.1.3	Fruit and vegetable nectars
78.	14.1.3.1	Fruit nectar

Sr.	Category	Food category
No	number	
79.	14.1.3.2	Vegetable nectar
80.	14.1.3.3	Concentrates for fruit nectar
81.	14.1.3.4	Concentrates for vegetable nectar
82.	14.1.5	Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal beverages, excluding cocoa
83.	14.2.3	Grape wines
84.	14.2.3.1	Still grape wine
85.	14.2.3.2	Sparkling and semi-sparkling grape wines
86.	14.2.3.3	Fortified grape wine, grape liquor wine, and sweet grape wine]