

Updated up to the 39th Session of the Codex Alimentarius Commission (2016)

FOOD ADDITIVE DETAILS

Karaya gum (416)

Synonym(s)

- Gum Karaya
- Gum Sterculia
- Kadasa
- Karaya
- Katilo
- Kullo
- Kutterra
- Sterculia

Functional Classes































- Emulsifier
- Stabilizer
- Thickener

[Click here to search the FAO JECFA database for the specifications of additive\(s\) with INS No. 416](#)

[Click here to search the WHO JECFA database for evaluation of additive\(s\) with INS No. 416](#)

CSV (Tables)

GSFA Provisions for Karaya gum

Number	Food Category	Max Level	Notes
 14.1.5	Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa		GMP  Note 160
 09.2.4.1	Cooked fish and fish products		GMP  Note 241
 06.4.2	Dried pastas and noodles and like products		GMP  Note 256
 01.2.1.2	Fermented milks (plain), heat-treated after fermentation		GMP  Note 234
 01.2.1.1	Fermented milks (plain), not heat-treated after fermentation	200 mg/kg	 Note 235  Note 234
 08.1.2	Fresh meat, poultry, and game, comminuted		GMP  Note 281
 08.1.1	Fresh meat, poultry, and game, whole pieces or cuts		GMP  Note 16  Note 326
 06.4.1	Fresh pastas and noodles and like products		GMP  Note 211
 09.2.4.3	Fried fish and fish products, including mollusks, crustaceans, and echinoderms		GMP  Note 41
 09.2.2	Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms		GMP  Note 29
 10.2.2	Frozen egg products		GMP
 09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms		GMP  Note 29
 09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms		GMP
 10.2.1	Liquid egg products		GMP
 11.4	Other sugars and syrups (e.g. xylose, maple syrup, sugar toppings)		GMP  Note 258
 12.1.2	Salt Substitutes		GMP

Note: Unless otherwise specified, food additive provisions apply to the food category indicated (e.g. Dairy), as well as to all subcategories of that category (e.g. Cheese, Ripened Cheese, etc.).

GSFA Table 3 Provisions

Karaya gum is a food additive that is included in **Table 3**, and as such may be used in the following foods under the conditions of good manufacturing practices (GMP) as outlined in the Preamble of the Codex GSFA. Although not listed below, Karaya gum could also be used in heat-treated butter milk of food category 01.1.1 and spices of food category 12.2.1. Note that food categories listed in the **Annex to Table 3** were excluded accordingly. **Karaya gum** is acceptable in foods conforming to the following commodity standards: CS 117-1981 CS 105-1981

Number	Food Category
01.1.4	Flavoured fluid milk drinks
01.3	Condensed milk and analogues (plain)
01.4.3	Clotted cream (plain)
01.4.4	Cream analogues
01.5	Milk powder and cream powder and powder analogues (plain)
01.6.1	Unripened cheese
01.6.2	Ripened cheese
01.6.4	Processed cheese
01.6.5	Cheese analogues
01.7	Dairy-based desserts (e.g. pudding, fruit or flavoured yoghurt)
01.8.1	Liquid whey and whey products, excluding whey cheeses
02.2.2	Fat spreads, dairy fat spreads and blended spreads
02.3	Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7
03.0	Edible ices, including sherbet and sorbet
04.1.2	Processed fruit
04.2.2.2	Dried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds
04.2.2.3	Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds in vinegar, oil, brine, or soybean sauce
04.2.2.4	Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds
04.2.2.5	Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed purees and spreads (e.g., peanut butter)
04.2.2.6	Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g. vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5
04.2.2.8	Cooked or fried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds
05.0	Confectionery
06.3	Breakfast cereals, including rolled oats
06.4.3	Pre-cooked pastas and noodles and like products
06.5	Cereal and starch based desserts (e.g. rice pudding, tapioca pudding)
06.6	Batters (e.g. for breading or batters for fish or poultry)
06.7	Pre-cooked or processed rice products, including rice cakes (Oriental type only)
06.8	Soybean products (excluding soybean-based seasonings and condiments of food category 12.9)
07.0	Bakery wares
08.2	Processed meat, poultry, and game products in whole pieces or cuts
08.3	Processed comminuted meat, poultry, and game products
08.4	Edible casings (e.g. sausage casings)
09.3	Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms
10.2.3	Dried and/or heat coagulated egg products
10.3	Preserved eggs, including alkaline, salted, and canned eggs

Number	Food Category
10.4	Egg-based desserts (e.g. custard)
11.6	Table-top sweeteners, including those containing high-intensity sweeteners
12.2.2	Seasonings and condiments
12.3	Vinegars
12.4	Mustards
12.5	Soups and broths
12.6	Sauces and like products
12.7	Salads (e.g. macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories 04.2.2.5 and 05.1.3
12.8	Yeast and like products
12.9	Soybean-based seasonings and condiments
12.10	Protein products other than from soybeans
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
14.1.4	Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks
14.2.1	Beer and malt beverages
14.2.2	Cider and perry
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 (e.g. beer, wine and spirituous cooler-type beverages, low alcoholic refreshers)
15.0	Ready-to-eat savouries
16.0	Prepared foods

Note: Unless otherwise specified, food additive provisions apply to the food category indicated (e.g. Dairy), as well as to all subcategories of that category (e.g. Cheese, Ripened Cheese, etc.).