



Ingredient Standards

Applied Filters: Food

This is a list of ingredients commonly found in products. Under the "status" column we have indicated whether the ingredient is permitted in products sold at Whole Foods Market. Products that include ingredients that are either (i) not on this list, (ii) have no status in the category, or (iii) shown to be unacceptable (by a red "x" in the status column) do not meet Whole Foods Market Quality Standards and do not qualify for placement on Whole Foods Market shelves.

Our Quality Standards Team frequently adds ingredients to this list and may also change the status of an ingredient, so please make sure you are reviewing the latest version of this list. If an ingredient is not on this list, it is unacceptable until it has been reviewed by our Quality Standards Team and a determination on acceptability or unacceptability has been made.

Please note that nothing in this document alters a supplier's responsibility for ensuring that the products they sell to Whole Foods Market comply with all applicable laws.

The information in this document is confidential and proprietary Whole Foods Market information. If you are not a Whole Foods Market Team Member, by accepting this document, you agree to maintain the confidentiality of this information and to use this information only to determine whether your products comply with Whole Foods Market Quality Standards.

Name	Aliases	Type	Status	Qualifier	Functions
2,4,5-Trihydroxybutyrophenone (THBP)		Food	✗		antioxidant
4-Hexylresorcinol	E586, PrawnFresh, EverFresh	Food	✓	Only allowed when used to treat shrimp. Not preferred.	antioxidant
5 sodium ribonucleotide	Alias of Disodium 5'-ribonucleotides	Food	✗		flavor enhancer
Acacia gum	Gum acacia, Gum arabic, E414	Food	✓		thickener, stabilizer
Acai		Food	✓		Fruit
Acerola	Acerola cherry, Malpighia emarginata	Food	✓		Fruit
Acerola cherry	Alias of Acerola	Food	✓		Fruit
Acesulfame-K	E950	Food	✗		artificial sweetener
Acetate of lime	Alias of Calcium acetate	Food	✓		preservative, acidulant
Acetic acid	E260	Food	✓		flavoring agent, acidulant, preservative
Acetic acid esters of mono- and diglycerides	Alias of Acetylated esters of mono- and diglycerides	Food	✗		emulsifier
Acetic acid esters of mono- and diglycerides of fatty acids	Alias of Acetylated esters of mono- and diglycerides	Food	✗		emulsifier
Acetoin, synthetic		Food	✗		flavor
Acetone peroxides		Food	✗		bleaching agent
Acetylated distarch adipate	E1422	Food	✓		thickener, stabilizer
Acetylated distarch phosphate	E1414	Food	✓		thickener, emulsifier
Acetylated esters of mono- and diglycerides	Acetic acid esters of mono- and diglycerides, E472a, Acetic acid esters of mono- and diglycerides of fatty acids	Food	✗		emulsifier
Acetylated oxidised starch	E1451	Food	✓		emulsifier
Acetylated starch	Starch acetate esterified with acetic anhydride, E1420, Mono starch acetate	Food	✓		thickener, emulsifier
Activated charcoal	Charcoal powder	Food	✗		absorbent
Adipic acid	E355	Food	✓		flavoring agent, leavening agent, pH control agent
Advantame		Food	✗		artificial sweetener
Adzuki bean		Food	✓		herb extract

Name	Aliases	Type	Status	Qualifier	Functions
Aerosol sprays		Food	✓		propellant
Agar gum	E406	Food	✓		gelling agent
Albumin		Food	✓		protein
Alfalfa		Food	✓		herb
Algin		Food	✓		binder, viscosity controlling agent
Alginate acid	E400	Food	✓		humectant, thickener, stabilizer
Allulose		Food	✗		sweetener
Allura Red AC	Alias of FD&C Red No. 40	Food	✗		artificial color
Allyl isothiocyanate		Food	✓	from natural source only; synthetic version is unacceptable.	flavor
Alpha tocopherol	E307	Food	✓		skin conditioning agent, antioxidant, nutrient
Alpha tocopherol acetate		Food	✓		skin conditioning agent, antioxidant, nutrient
Alpha-cyclodextrin		Food	✗		stabilizer, thickener
Aluminium ammonium sulfate	E523	Food	✗		pH control agent
Aluminium calcium silicate	E556, Calcium aluminosilicate	Food	✓		anti-caking agent
Aluminium potassium sulfate	E522	Food	✗		pH control agent
Aluminium sodium sulfate	E521	Food	✗		firming agent
Aluminium sulfate	E520	Food	✗		firming agent
Aluminum	E173	Food	✗		colorant
Aluminum ammonium sulfate	Alias of Ammonium alum	Food	✗		anti-perspirant, leavening agent
Aluminum potassium sulfate	Alias of Potassium alum	Food	✗		firming agent, astringent
Aluminum starch octenylsuccinate	Starch aluminium octenyl succinate, E1452	Food	✗		stabilizer, anti-caking agent, absorbent
Aluminum sulfate	Alias of Sodium aluminum sulfate	Food	✗		firming agent, astringent, anti-perspirant
Amaranth (colorant)	Alias of FD&C Red No. 2	Food	✗		artificial color
Amla	Indian gooseberry, Phyllanthus emblica L. [Euphorbiaceae]	Food	✓		Fruit
Ammonia caramel	E150c	Food	✓	Not preferred	natural color
Ammonium alginate	E403	Food	✓		thickener, stabilizer
Ammonium alum	Aluminum ammonium sulfate	Food	✗		anti-perspirant, leavening agent

Name	Aliases	Type	Status	Qualifier	Functions
Ammonium bicarbonate	Alias of Ammonium carbonate	Food	✓		leavening agent, pH adjuster
Ammonium carbonate	Ammonium bicarbonate, Ammonium hydrogen carbonate, E503	Food	✓		leavening agent, pH adjuster
Ammonium chloride		Food	✗		viscosity controlling agent, fermentation enhancer, buffer
Ammonium hydrogen carbonate	Alias of Ammonium carbonate	Food	✓		leavening agent, pH adjuster
Ammonium hydroxide	E527	Food	✗		excipient, pH control agent, firming agent
Ammonium phosphate		Food	✓		leavening agent
Ammonium phosphatides	E442	Food	✓		emulsifier
Ammonium saccharin		Food	✗		artificial sweetener
Ammonium sulfate	E517	Food	✗		fermentation enhancer, pH control agent
Amylase		Food	✓		enzyme
Angelica keiskei			✓		
Angelica keiskei	Alias of Ashitaba	Food	✓	Must be GRAS or self-affirmed GRAS. Full dossier must be provided. All products require QS and Legal review.	herb
Anhydrous milk fat		Food	✓		fat
Annatto	E160b, Bixin, Norbixin	Food	✓		colorant, natural color
Anthocyanins	E163	Food	✓		colorant
Apocarotenal		Food	✓	Must confirm with vendor that color is from natural source.	colorant
Apple cider vinegar		Food	✓		
Apricot kernel	Apricot kernel extract	Food	✗		
Apricot kernel extract	Alias of Apricot kernel	Food	✗		
Ardraka (fresh rhizome)	Alias of Ginger	Food	✓		herb
Argon	E938	Food	✓	Acceptable as processing aid	packing gas

Name	Aliases	Type	Status	Qualifier	Functions
Artificial flavors (as defined in 21CFR101.22)		Food	✗		flavor
Artificial sweeteners		Food	✗		sweetener
Ascorbates		Food	✓		skin conditioning agent, antioxidant, nutrient
Ascorbic acid	E300	Food	✓		skin conditioning agent, antioxidant, nutrient, dough conditioner, buffer
Ascorbyl palmitate	Fatty acid esters of ascorbic acid, E304	Food	✓		antioxidant
Ashitaba	Angelica keiskei	Food	✓	Must be GRAS or self-affirmed GRAS. Full dossier must be provided. All products require QS and Legal review.	herb
Ashwagandha	Withania somnifera	Food	✓	Must be GRAS or self-affirmed GRAS. Full dossier must be provided. All products require QS and Legal review. Products require a pregnancy advisory.	herb
Aspartame	E951	Food	✗		artificial sweetener
Aspartame-acesulfame salt	E962	Food	✗		artificial sweetener
Aspartic acid		Food	✓		amino acid
Astragalus		Food	✗	Must be GRAS or self-affirmed GRAS. Full dossier must be provided. All products require QS and Legal review. Allow for 20+ weeks onboarding time.	herb
Autolyzed yeast extract		Food	✓		flavor enhancer
Azo dyes		Food	✗		colorant
Azodicarbonamide		Food	✗		dough conditioner
Azorubine	Alias of Carmoisine	Food	✗		artificial color

Name	Aliases	Type	Status	Qualifier	Functions
Bacillus coagulans GBI-30, 6086 (GanedenBC30)		Food	✓	Not allowed in junk foods or snack foods. See ROCK entry for details. No other strains of Bacillus coagulans are acceptable at this time.	probiotic
Bacillus coagulans ProDURA UABc-20		Food	✗		probiotic
Bacillus coagulans Unique IS-2		Food	✗		probiotic
Bacillus coagulans, MTCC 5856 (LactoSpore®)		Food	✓	Not acceptable in junk foods or snack foods. See ROCK entry for details. No other strains of Bacillus coagulans are acceptable at this time.	probiotic
Bacillus coagulans, SNZ1969		Food	✓	Not allowed in junk foods or snack foods. See ROCK entry for details. No other strains of Bacillus coagulans are acceptable at this time.	probiotic
Bacillus subtilis DE111		Food	✓	Product requires QS review	probiotic
Bacopa		Food	✗		herb
Bacteriophage preparation		Food	✗		preservative
Baker's yeast	Alias of Saccharomyces cerevisiae	Food	✓		fungus
Baking powder		Food	✓	Aluminum-free only	leavening agent
Bamboo extract		Food	✓		mineral
Baobab		Food	✓		emollient, skin conditioning agent, active, Fruit
Barley malt		Food	✓		sweetener
BCAA	Alias of Branched chain amino acids	Food	✓		amino acid
Beeswax	Beeswax, white and yellow, E901	Food	✓		emollient, film former, emulsifier, wax, glazing agent

Name	Aliases	Type	Status	Qualifier	Functions
Beeswax, white and yellow	Alias of Beeswax	Food	✓		emollient, film former, emulsifier, wax, glazing agent
Beet extract	Alias of Betanin	Food	✓		natural color
Beetroot Red	Alias of Betanin	Food	✓		natural color
Bentonite	E558	Food	✗		viscosity controlling agent, absorbent, bulking agent, anti-caking agent
Benzoates		Food	✗		preservative
Benzoic acid	E210	Food	✗		preservative
Benzophenone		Food	✗		sunscreen, UV absorber, flavoring agent
Benzoyl peroxide	E928	Food	✗		
Benzyl alcohol	E1519	Food	✗		
Benzyl benzoate	Phenylmethl bonzoate	Food	✗		preservative
Beta-apo-8′-carotenal (C 30)	E160e	Food	✓	Confirm from natural source	natural color
Beta-carotene	E160a	Food	✓		
Beta-cyclodextrin	E459	Food	✗		stabilizer, thickener, emulsifier
Beta-glucanase enzyme		Food	✓		
Betanin	Beet extract, E162, Beetroot Red	Food	✓		natural color
BHA (Butylated hydroxyanisole)	E320	Food	✗		preservative, antioxidant
BHT (butylated hydroxytoluene)	E321	Food	✗		preservative, antioxidant
Bilberry	Vaccinium myrtillus L. [Ericaceae], Huckleberry	Food	✓		Fruit
Biotin		Food	✓		nutrient, conditioning agent
Biphenyl; Diphenyl	E230	Food	✗		preservative
Bixin	Alias of Annatto	Food	✓		colorant, natural color
Black carrot extract		Food	✓		colorant
Black Nigella Seeds		Food	✓		flavoring agent
Black PN	Alias of Brilliant Black BN	Food	✗		artificial color
Bleached flour		Food	✗		ingredient
Boric acid	E284	Food	✗		preservative, pH control agent, anti-microbial

Name	Aliases	Type	Status	Qualifier	Functions
Boswellia	Indian frankincense	Food	✗	Must be GRAS or self-affirmed GRAS. Full dossier must be provided. All products require QS and Legal review. Allow for 20+ weeks onboarding time.	herb extract
Branched chain amino acids	BCAA	Food	✓		amino acid
Brassica Nigra	Alias of Mustard seed	Food	✓		herb, flavor
Brazil wax	Alias of Carnauba wax	Food	✓		glazing agent, wax
Brettanomyces		Food	✓		fungus
Brewer's yeast	Alias of Saccharomyces cerevisiae	Food	✓		fungus
Brilliant Black BN	Black PN, E151	Food	✗		artificial color
Brilliant Blue FCF	Alias of FD&C Blue No. 1	Food	✗		artificial color
Brilliant Scarlet 4R	Alias of Ponceau 4R	Food	✗		artificial color
Bromated flour		Food	✗		
Bromic acid calcium salt	Alias of Calcium bromate	Food	✗		
Brominated vegetable oil		Food	✗		
Brown FK	E154, Kipper brown	Food	✗		artificial color
Brown HT	E155, Chocolate brown HT	Food	✗		artificial color
Burdock root		Food	✓		root
Burnt alum	Alias of Sodium aluminum sulfate	Food	✗		firming agent, astringent, anti-perspirant
Butane	E943a	Food	✓	Acceptable as processing aid	propellant
Butterfly pea flower		Food	✓		herb, colorant
Butylparaben		Food	✗		preservative
Caffeine		Food	✓	Must meet labeling and dosage guidelines. Extended release caffeine is unacceptable.	
Caffeine, extended release		Food	✗		
Calcium		Food	✓		
Calcium 5'-ribonucleotides	E634	Food	✗		flavor enhancer

Name	Aliases	Type	Status	Qualifier	Functions
Calcium acetate	E263, Vinegar salts, Acetate of lime	Food	✓		preservative, acidulant
Calcium alginate	E404	Food	✓		thickener, stabilizer, gelling agent, emulsifier
Calcium aluminosilicate	Alias of Aluminium calcium silicate	Food	✓		anti-caking agent
Calcium ascorbate	L-Ascorbic acid, E302	Food	✓		
Calcium benzoate	E213	Food	✗		preservative
Calcium bromate	Bromic acid calcium salt	Food	✗		
Calcium carbonate	E170, Carbonic acid calcium salt	Food	✓		natural color, supplement
Calcium caseinate	Caseins	Food	✓		
Calcium chloride	E509	Food	✓		firming agent, sequestrant
Calcium citrate	Tricalcium citrate, E333, Monocalcium citrate, Dicalcium citrate	Food	✓		mineral, acidulant
Calcium diglutamate	E623	Food	✗		flavor enhancer
Calcium dihydrogen diphosphate	Alias of Diphosphate	Food	✓		emulsifier, stabilizer, pH control agent, sequestrant, leavening agent, dough conditioner
Calcium dihydrogen phosphate		Food	✓		
Calcium diphosphate		Food	✓		
Calcium disodium EDTA	Disodium calcium EDTA, E385, Calcium disodium ethylene diamine tetraacetate	Food	✗		sequestrant
Calcium disodium ethylene diamine tetraacetate	Alias of Calcium disodium EDTA	Food	✗		sequestrant
Calcium ferrocyanide	E538	Food	✓		anti-caking agent
Calcium gluconate	E578	Food	✓		firming agent, mineral
Calcium guanylate	E629	Food	✗		flavor enhancer
Calcium hydrogen malate	Alias of Calcium malate	Food	✓		pH control agent
Calcium hydrogen sulfite	E227	Food	✗		preservative
Calcium hydroxide	Milk of Lime, E526, Lime (Hydrated lime)	Food	✓		pH control agent, firming agent
Calcium inosinate	E633	Food	✗		flavor enhancer
Calcium lactate	E327	Food	✓		acidulant

Name	Aliases	Type	Status	Qualifier	Functions
Calcium lactate pentahydrate		Food	✓		mineral
Calcium malate	E352, Calcium hydrogen malate	Food	✓		pH control agent
Calcium oxide	Quicklime (Burnt lime), E529	Food	✓		pH control agent
Calcium pantothenate		Food	✓		
Calcium peroxide		Food	✗		
Calcium phosphate	Tricalcium phosphate, Monocalcium phosphate, Dicalcium phosphate, E341	Food	✓		anti-caking agent, firming agent
Calcium propionate	Propanoic acid, E282	Food	✗		preservative
Calcium silicate	Silicic acid, E552	Food	✓		anti-caking agent
Calcium sorbate	E203	Food	✗		preservative
Calcium stearate		Food	✓		
Calcium stearoyl-2-lactylate	E482	Food	✗		emulsifier
Calcium sulfate	E516	Food	✓		coagulant, firming agent, leavening agent
Calcium sulfite	E226	Food	✗		preservative
Calcium tartrate	E354	Food	✓		emulsifier
Calendula	Marigold	Food	✓		herb
Candelilla wax	E902	Food	✓		glazing agent, wax
Cannabidiol	CBD	Food	✗		
Cannabis sativa seed extract/oil		Food	✗		
Canola oil		Food	✓		
Canola oil, hydrogenated or partially hydrogenated		Food	✗		oil, fat
Canthaxanthin	E161g	Food	✗		colorant
Caprocaprylobehenin		Food	✗		
Caprylic/capric triglyceride		Food	✓	Must not be derived from hydrogenated fats.	skin conditioner, fat
Capsanthin	Alias of Paprika oleoresin	Food	✓		artificial color, natural flavoring
Capsicum annuum	Alias of Cayenne pepper	Food	✓		flavor, Fruit
Capsorubin	Alias of Paprika oleoresin	Food	✓		artificial color, natural flavoring
Caramel color	E150a, Plain Caramel	Food	✓	type 1 is preferable, but types 2-4 are acceptable.	colorant, natural color
Carbamide	Alias of Urea	Food	✗		buffer, humectant, skin conditioning agent

Name	Aliases	Type	Status	Qualifier	Functions
Carbon dioxide	E290	Food	✓		acidulant
Carbon monoxide		Food	✗		colorant fixer, preservative
Carbonic acid calcium salt	Alias of Calcium carbonate	Food	✓		natural color, supplement
Carboxy methyl cellulose	Alias of Carboxymethyl cellulose	Food	✓		anti-caking agent, emulsifier, stabilizer, humectant
Carboxymethyl cellulose	Sodium carboxymethyl cellulose, Cellulose gum, E466, Carboxy methyl cellulose	Food	✓		anti-caking agent, emulsifier, stabilizer, humectant
Carmine	Cochineal, Carminic acid, E120	Food	✗		colorant
Carminic acid	Alias of Carmine	Food	✗		colorant
Carmoisine	Azorubine, E122	Food	✗		artificial color
Carnauba wax	Brazil wax, E903	Food	✓		glazing agent, wax
Carob bean gum		Food	✓		binder
Carotenoids		Food	✓		
Carrageenan	E407	Food	✓		thickener, stabilizer, gelling agent
Casein (milk protein)		Food	✓		
Caseins	Alias of Calcium caseinate	Food	✓		
Caustic sulfite caramel	E150b	Food	✓	Not preferred	natural color
Cayenne pepper	Capsicum annum	Food	✓		flavor, Fruit
CBD	Alias of Cannabidiol	Food	✗		
Cellulose	Microcrystalline cellulose, Modified cellulose, E460	Food	✓		texturizer, anti-caking agent, emulsifier, bulking agent
Cellulose gum	Alias of Carboxymethyl cellulose	Food	✓		anti-caking agent, emulsifier, stabilizer, humectant
Certified colors		Food	✗		
Chaga		Food	✗	Must be GRAS or self-affirmed GRAS. Full dossier must be provided. All products require QS and Legal review. Allow for 20+ weeks onboarding time.	mushroom
Chanterelle		Food	✓		mushroom
Charcoal powder	Alias of Activated charcoal	Food	✗		absorbent

Name	Aliases	Type	Status	Qualifier	Functions
Cheese, Rennet and Coagulating Enzymes		Food	✓		
Chia seeds		Food	✓		herb
Chicory		Food	✓		
Chicory syrup		Food	✓		
Chile saltpetre	Alias of Sodium nitrate, synthetic	Food	✗		preservative
Chlorophyll	E140	Food	✓		
Chocolate brown HT	Alias of Brown HT	Food	✗		artificial color
Chocolate liquor		Food	✓		
Choline bitartrate		Food	✓		
Choline chloride		Food	✓		
Citric acid	E330	Food	✓		acidulant
Citric acid esters of mono- and diglycerides of fatty acids	E472c	Food	✗		
Citrus Red No. 2	E121	Food	✗		artificial color
Cochineal	Alias of Carmine	Food	✗		colorant
Cochineal Red A	Alias of Ponceau 4R	Food	✗		artificial color
Cocoa butter		Food	✓		fat, emollient
Cocoa processed with alkali		Food	✓		
Coconut oil		Food	✓		
Coffee cherry	Coffee fruit, Coffe berry	Food	✓		caffeine, functional ingredient
Coffee fruit	Alias of Coffee cherry	Food	✓		caffeine, functional ingredient
Coffe berry	Brand name for Coffee cherry	Food	✓		caffeine, functional ingredient
Collagen	Marine collagen	Food	✓		
Colloidal silver		Food	✗		mineral
Copper gluconate		Food	✓		mineral
Cordyceps		Food	✗	Must be GRAS or self-affirmed GRAS. Full dossier must be provided. All products require QS and Legal review. Allow for 20+ weeks onboarding time.	mushroom
Corn gluten		Food	✓		

Name	Aliases	Type	Status	Qualifier	Functions
Corn oil, hydrogenated or partially hydrogenated		Food	✗		oil, fat
Corn starch		Food	✓		
Corn syrup		Food	✓		
Cottonseed oil		Food	✓		
Cottonseed oil, hydrogenated or partially hydrogenated		Food	✗		oil, fat
Cream of tartar	Alias of Potassium acid tartrate	Food	✓		emulsifier, nutrient, pH control agent
Cricket Flour		Food	✗		
Crickets		Food	✗		
Crystalline fructose		Food	✓		
Cultured corn syrup		Food	✓		
Cultured dextrose	MicroGARDÂ® Fermentates, MicroGARDÂ® Fermentates	Food	✓		preservative
Cultured wheat starch		Food	✓		preservative
Cultured whey	Inhibit 3600 Dairy	Food	✓		preservative
Curcumin	E100	Food	✓		
Cyclamate	Sodium cyclamate, Cyclamic acid and its Na and Ca salts, cyclohexanesulfamic acid, E952	Food	✗		artificial sweetener
Cyclamic acid and its Na and Ca salts	Alias of Cyclamate	Food	✗		artificial sweetener
cyclohexanesulfamic acid	Alias of Cyclamate	Food	✗		artificial sweetener
Cysteine	E920	Food	✗	Not acceptable in hearth breads. Acceptable in other uses at discretion of the regional coordinator.	
CytoGuard		Food	✓	Must be listed by common or usual name on ingredient list.	preservative
Dandelion	Dandelion extract	Food	✓		
Dandelion extract	Alias of Dandelion	Food	✓		
DATEM		Food	✗		
Delta-tocopherol	E309	Food	✓		antioxidant
Dextrin		Food	✓		

Name	Aliases	Type	Status	Qualifier	Functions
Dextrose		Food	✓		
DHA Algal Oil		Food	✓		
Diacetyl, synthetic		Food	✗		flavor
Diatomaceous earth		Food	✗		bulking agent, anti-caking agent
Dicalcium citrate	Alias of Calcium citrate	Food	✓		mineral, acidulant
Dicalcium diphosphate	Alias of Diphosphate	Food	✓		emulsifier, stabilizer, pH control agent, sequestrant, leavening agent, dough conditioner
Dicalcium phosphate	Alias of Calcium phosphate	Food	✓		anti-caking agent, firming agent
Diethylhexyl		Food	✓		
Diglycerides	Alias of Mono- and diglycerides of fatty acids	Food	✓	acceptable if fatty acids are not hydrogenated	emulsifier
Dimagnesium phosphate	Alias of Magnesium phosphate	Food	✓		anti-caking agent
Dimethyl dicarbonate	DMDC, E242, Velcorin	Food	✓	Only allowed as a processing aid in alcoholic beverages. No other uses are approved.	preservative
Dimethyl polysiloxane	Alias of Dimethylpolysiloxane	Food	✗		anti-caking agent, anti-foaming agent
Dimethyl Silicone	Alias of Dimethylpolysiloxane	Food	✗		anti-caking agent, anti-foaming agent
Dimethylpolysiloxane	Dimethyl Silicone, E900, Dimethyl polysiloxane	Food	✗		anti-caking agent, anti-foaming agent
Diocetyl sodium sulfosuccinate (DSS)		Food	✗		emulsifier
Diphosphate	Tetrasodium pyrophosphate, Trisodium diphosphate, Dipotassium diphosphate, Tetrapotassium diphosphate, Dicalcium diphosphate	Food	✓		emulsifier, stabilizer, pH control agent, sequestrant, leavening agent, dough conditioner
Dipotassium diphosphate	Alias of Diphosphate	Food	✓		emulsifier, stabilizer, pH control agent, sequestrant, leavening agent, dough conditioner
Dipotassium guanylate	E628	Food	✗		flavor enhancer
Dipotassium inosinate	E632	Food	✗		flavor enhancer
Dipotassium phosphate	Alias of Potassium phosphate	Food	✓		Fermentation aid, nutrient, pH control agent, stabilizer, antioxidant

Name	Aliases	Type	Status	Qualifier	Functions
Dipotassium tartrate	Alias of Potassium acid tartrate	Food	✓		emulsifier, nutrient, pH control agent
Disodium 5′-ribonucleotides	5 sodium ribonucleotide, E635	Food	✗		flavor enhancer
Disodium calcium EDTA	Alias of Calcium disodium EDTA	Food	✗		sequestrant
Disodium citrate	Alias of Sodium citrate	Food	✓		colorant, emulsifier, flavoring agent, Fermentation aid, nutrient, acidulant
Disodium dihydrogen diphosphate	Alias of Sodium acid pyrophosphate	Food	✓		leavening agent
disodium dihydrogen EDTA		Food	✗		
Disodium dihydrogen pyrophosphate	Alias of Sodium acid pyrophosphate	Food	✓		leavening agent
Disodium diphosphate	Alias of Sodium acid pyrophosphate	Food	✓		leavening agent
Disodium EDTA	E386, Disodium ethylene diamine tetraacetate	Food	✗		preservative, sequestrant
Disodium ethylene diamine tetraacetate	Alias of Disodium EDTA	Food	✗		preservative, sequestrant
Disodium guanylate	E627	Food	✗		flavor enhancer
Disodium inosinate	E631	Food	✗		flavor enhancer
Disodium phosphate	Alias of Sodium phosphate	Food	✓		antioxidant, emulsifier, thickener, leavening agent
Disodium pyrophosphate	Alias of Sodium acid pyrophosphate	Food	✓		leavening agent
Disodium tartrate	Alias of Sodium tartrate	Food	✓		acidulant
Distarch phosphate acetate	Distarch phosphate esterified with sodium trimetaphosphate; esterified with phosphorus oxychloride, E1412	Food	✓		thickener, stabilizer
Distarch phosphate esterified with sodium trimetaphosphate; esterified with phosphorus oxychloride	Alias of Distarch phosphate acetate	Food	✓		thickener, stabilizer
Distilled monoglycerides		Food	✓	Only if derived from non-hydrogenated source.	emulsifier
DL-alpha tocopherol		Food	✓		

Name	Aliases	Type	Status	Qualifier	Functions
DL-malic acid	Alias of Malic acid	Food	✓		buffer, acidulant
DL-methionine		Food	✓		
DMDC	Alias of Dimethyl dicarbonate	Food	✓	Only allowed as a processing aid in alcoholic beverages. No other uses are approved.	preservative
Dodecyl gallate	E312	Food	✗		preservative
Dutch cocoa		Food	✓		
E100	Alias of Curcumin	Food	✓		
E101	Alias of Riboflavin	Food	✓		
E101a	Alias of Riboflavin-5'-phosphate	Food	✓		artificial color
E102	Alias of FD&C Yellow No. 5	Food	✗		artificial color
E104	Alias of Quinoline yellow WS	Food	✗		artificial color
E110	Alias of FD&C Yellow No. 6	Food	✗		artificial color
E1103	Alias of Invertase	Food	✓		emulsifier
E1105	Alias of Lysozyme	Food	✓	must be labeled in the ingredients section as "egg white lysozyme."	preservative
E120	Alias of Carmine	Food	✗		colorant
E1200	Alias of Polydextrose	Food	✗		humectant, nutrient, stabilizer, thickener
E1201	Alias of Polyvinylpyrrolidone	Food	✗		stabilizer
E1202	Alias of Polyvinylpolypyrrolidone	Food	✗		stabilizer
E1204	Alias of Pullulan	Food	✗		film former
E121	Alias of Citrus Red No. 2	Food	✗		artificial color
E122	Alias of Carmoisine	Food	✗		artificial color
E123	Alias of FD&C Red No. 2	Food	✗		artificial color
E124	Alias of Ponceau 4R	Food	✗		artificial color
E127	Alias of FD&C Red No. 3	Food	✗		artificial color
E129	Alias of FD&C Red No. 40	Food	✗		artificial color
E131	Alias of Patent Blue V	Food	✗		artificial color
E132	Alias of FD&C Blue No. 2	Food	✗		artificial color
E133	Alias of FD&C Blue No. 1	Food	✗		artificial color
E140	Alias of Chlorophyll	Food	✓		

Name	Aliases	Type	Status	Qualifier	Functions
E1404	Alias of Oxidised starch	Food	✓		emulsifier, thickener
E1410	Alias of Monostarch phosphate	Food	✓		thickener, stabilizer
E1412	Alias of Distarch phosphate acetate	Food	✓		thickener, stabilizer
E1413	Alias of Phosphated distarch phosphate	Food	✓		thickener, stabilizer
E1414	Alias of Acetylated distarch phosphate	Food	✓		thickener, emulsifier
E142	Alias of Green S	Food	✗		artificial color
E1420	Alias of Acetylated starch	Food	✓		thickener, emulsifier
E1422	Alias of Acetylated distarch adipate	Food	✓		thickener, stabilizer
E1440	Alias of Hydroxyl propyl starch	Food	✓		emulsifier, thickener
E1442	Alias of Hydroxypropyl distarch phosphate	Food	✓		stabilizer, thickener
E1451	Alias of Acetylated oxidised starch	Food	✓		emulsifier
E1452	Alias of Aluminum starch octenylsuccinate	Food	✗		stabilizer, anti-caking agent, absorbent
E1505	Alias of Triethyl citrate	Food	✓	acceptable in egg white products only	anti-foaming agent, foaming agent
E150a	Alias of Caramel color	Food	✓	type 1 is preferable, but types 2-4 are acceptable.	colorant, natural color
E150b	Alias of Caustic sulfite caramel	Food	✓	Not preferred	natural color
E150c	Alias of Ammonia caramel	Food	✓	Not preferred	natural color
E150d	Alias of Sulfite ammonia caramel	Food	✓	Not preferred	natural color
E151	Alias of Brilliant Black BN	Food	✗		artificial color
E1518	Alias of Glyceryl triacetate	Food	✓	Only acceptable in natural flavors	
E1519	Alias of Benzyl alcohol	Food	✗		
E1520	Alias of Propylene glycol	Food	✓		anti-caking agent, anti-microbial, antioxidant, drying agent, emulsifier

Name	Aliases	Type	Status	Qualifier	Functions
E153	Alias of Vegetable Carbon	Food	✗		artificial color
E154	Alias of Brown FK	Food	✗		artificial color
E155	Alias of Brown HT	Food	✗		artificial color
E160a	Alias of Beta-carotene	Food	✓		
E160b	Alias of Annatto	Food	✓		colorant, natural color
E160c	Alias of Paprika oleoresin	Food	✓		artificial color, natural flavoring
E160d	Alias of Lycopene	Food	✓		
E160e	Alias of Beta-apo-8'-carotenal (C 30)	Food	✓	Confirm from natural source	natural color
E161b	Alias of Lutein	Food	✓		carotenoid
E161g	Alias of Canthaxanthin	Food	✗		colorant
E162	Alias of Betanin	Food	✓		natural color
E163	Alias of Anthocyanins	Food	✓		colorant
E170	Alias of Calcium carbonate	Food	✓		natural color, supplement
E171	Alias of Titanium dioxide	Food	✓		colorant, sunscreen
E172	Alias of Iron oxide	Food	✗		colorant
E173	Alias of Aluminum	Food	✗		colorant
E174	Alias of Silver	Food	✗	Only allowed as a colorant in silver dragees (sub-ingredients in dragees must be compliant with our food ingredient QS.)	colorant
E175	Alias of Gold	Food	✗		colorant
E180	Alias of Lithol rubine BK	Food	✗		colorant
E200	Alias of Sorbic acid	Food	✗		preservative
E202	Alias of Potassium sorbate	Food	✗		preservative
E203	Alias of Calcium sorbate	Food	✗		preservative
E210	Alias of Benzoic acid	Food	✗		preservative
E211	Alias of Sodium benzoate	Food	✗		preservative
E212	Alias of Potassium benzoate	Food	✗		preservative
E213	Alias of Calcium benzoate	Food	✗		preservative
E214	Alias of Ethylparaben	Food	✗		preservative
E215	Alias of Sodium ethyl para hydroxybenzoate	Food	✗		preservative
E218	Alias of Methylparaben	Food	✗		preservative

Name	Aliases	Type	Status	Qualifier	Functions
E219	Alias of Sodium methyl p-hydroxybenzoate	Food	✘		preservative
E220	Alias of Sulfur dioxide	Food	✘	Exception: Acceptable in wines, meads, ciders and CV grapes.	preservative, color retention agent
E221	Alias of Sodium sulfite	Food	✘	Exception: Acceptable in wines, meads, ciders and CV grapes.	
E222	Alias of Sodium bisulfite	Food	✘	Exception: Acceptable in wines, meads, ciders and CV grapes.	anti-microbial, antioxidant, colorant, dough conditioner
E223	Alias of Sodium metabisulfite	Food	✘	Exception: Acceptable in wines, meads, ciders and CV grapes.	
E224	Alias of Potassium metabisulfite	Food	✘	Exception: Acceptable in wines, meads, ciders and CV grapes.	
E226	Alias of Calcium sulfite	Food	✘		preservative
E227	Alias of Calcium hydrogen sulfite	Food	✘		preservative
E228	Alias of Potassium bisulfite	Food	✘	Exception: Acceptable in wines, meads, ciders and CV grapes.	anti-microbial
E230	Alias of Biphenyl; Diphenyl	Food	✘		preservative
E231	Alias of Orthophenyl phenol	Food	✘		preservative
E232	Alias of Sodium orthophenyl phenol	Food	✘		preservative
E234	Alias of Nisin	Food	✓		preservative
E235	Alias of Natamycin	Food	✘	Allowed as an anti-fungal in the wax used on cheese rinds	
E239	Alias of Hexamethylene tetramine	Food	✘		preservative

Name	Aliases	Type	Status	Qualifier	Functions
E242	Alias of Dimethyl dicarbonate	Food	✓	Only allowed as a processing aid in alcoholic beverages. No other uses are approved.	preservative
E249	Alias of Potassium nitrite	Food	✗		anti-microbial, antioxidant, colorant, flavoring agent, preservative
E250	Alias of Sodium nitrite, synthetic	Food	✗		preservative
E251	Alias of Sodium nitrate, synthetic	Food	✗		preservative
E252	Alias of Potassium nitrate	Food	✗		preservative, active
E260	Alias of Acetic acid	Food	✓		flavoring agent, acidulant, preservative
E261	Alias of Potassium acetate	Food	✓		preservative, acidulant
E262	Alias of Sodium acetate	Food	✓		anti-microbial, flavoring agent, pH adjuster, preservative, acidulant
E263	Alias of Calcium acetate	Food	✓		preservative, acidulant
E270	Alias of Lactic acid	Food	✓		acidulant, buffer, skin conditioning agent, humectant, preservative, antioxidant
E280	Alias of Propionic acid	Food	✗		anti-microbial, flavoring agent, pH control agent, preservative
E281	Alias of Sodium propionate	Food	✗		anti-microbial, flavoring agent, preservative
E282	Alias of Calcium propionate	Food	✗		preservative
E283	Alias of Potassium propionate	Food	✗		preservative
E284	Alias of Boric acid	Food	✗		preservative, pH control agent, anti-microbial
E290	Alias of Carbon dioxide	Food	✓		acidulant
E296	Alias of Malic acid	Food	✓		buffer, acidulant
E297	Alias of Fumaric acid	Food	✓		acidulant
E300	Alias of Ascorbic acid	Food	✓		skin conditioning agent, antioxidant, nutrient, dough conditioner, buffer
E301	Alias of Sodium ascorbate	Food	✓		
E302	Alias of Calcium ascorbate	Food	✓		
E304	Alias of Ascorbyl palmitate	Food	✓		antioxidant
E306	Alias of Tocopherols	Food	✓		

Name	Aliases	Type	Status	Qualifier	Functions
E307	Alias of Alpha tocopherol	Food	✓		skin conditioning agent, antioxidant, nutrient
E308	Alias of Gamma tocopherol	Food	✓		antioxidant
E309	Alias of Delta-tocopherol	Food	✓		antioxidant
E310	Alias of Propyl gallate	Food	✗		antioxidant, flavoring agent
E311	Alias of Propyl gallate	Food	✗		antioxidant, flavoring agent
E312	Alias of Dodecyl gallate	Food	✗		preservative
E315	Alias of Erythorbic acid	Food	✓		antioxidant
E316	Alias of Sodium erythorbate	Food	✓		anti-microbial, antioxidant, colorant, dough conditioner
E319	Alias of TBHQ (tert-Butylhydroquinone)	Food	✗		antioxidant
E320	Alias of BHA (Butylated hydroxyanisole)	Food	✗		preservative, antioxidant
E321	Alias of BHT (butylated hydroxytoluene)	Food	✗		preservative, antioxidant
E322	Alias of Lecithin	Food	✓		antioxidant, emulsifier
E325	Alias of Sodium lactate	Food	✓		anti-microbial, emulsifier, flavoring agent, acidulant
E326	Alias of Potassium lactate	Food	✓		flavoring agent, acidulant, antioxidant
E327	Alias of Calcium lactate	Food	✓		acidulant
E330	Alias of Citric acid	Food	✓		acidulant
E331	Alias of Sodium citrate	Food	✓		colorant, emulsifier, flavoring agent, Fermentation aid, nutrient, acidulant
E332	Alias of Potassium citrate	Food	✓		emulsifier, flavoring agent, nutrient, acidulant
E333	Alias of Calcium citrate	Food	✓		mineral, acidulant
E334	Alias of Tartaric acid	Food	✓		anti-caking agent, antioxidant, firming agent, flavoring agent, acidulant, drying agent
E335	Alias of Sodium tartrate	Food	✓		acidulant
E336	Alias of Potassium acid tartrate	Food	✓		emulsifier, nutrient, pH control agent
E337	Alias of Sodium potassium tartrate	Food	✓		pH control agent

Name	Aliases	Type	Status	Qualifier	Functions
E338	Alias of Phosphoric acid	Food	✓		anti-microbial, flavoring agent, fumigant, sweetener
E339	Alias of Sodium phosphate	Food	✓		antioxidant, emulsifier, thickener, leavening agent
E340	Alias of Potassium phosphate	Food	✓		Fermentation aid, nutrient, pH control agent, stabilizer, antioxidant
E341	Alias of Calcium phosphate	Food	✓		anti-caking agent, firming agent
E343	Alias of Magnesium phosphate	Food	✓		anti-caking agent
E350	Alias of Sodium malate	Food	✓		pH control agent
E351	Alias of Potassium malate	Food	✓		pH control agent
E352	Alias of Calcium malate	Food	✓		pH control agent
E353	Alias of Metatartaric acid	Food	✓		emulsifier
E354	Alias of Calcium tartrate	Food	✓		emulsifier
E355	Alias of Adipic acid	Food	✓		flavoring agent, leavening agent, pH control agent
E356	Alias of Sodium adipate	Food	✓		pH control agent
E357	Alias of Potassium adipate	Food	✓		pH control agent
E363	Alias of Succinic acid	Food	✓		
E380	Alias of Triammonium citrate	Food	✗		pH control agent
E385	Alias of Calcium disodium EDTA	Food	✗		sequestrant
E386	Alias of Disodium EDTA	Food	✗		preservative, sequestrant
E400	Alias of Alginic acid	Food	✓		humectant, thickener, stabilizer
E401	Alias of Sodium alginate	Food	✓		thickener, stabilizer, gelling agent, emulsifier
E402	Alias of Potassium alginate	Food	✓		thickener, stabilizer, gelling agent
E403	Alias of Ammonium alginate	Food	✓		thickener, stabilizer
E404	Alias of Calcium alginate	Food	✓		thickener, stabilizer, gelling agent, emulsifier
E405	Alias of Propylene glycol alginate	Food	✓		thickener, stabilizer
E406	Alias of Agar gum	Food	✓		gelling agent
E407	Alias of Carrageenan	Food	✓		thickener, stabilizer, gelling agent
E407a	Alias of Processed euclidean seaweed	Food	✓		thickener, stabilizer, gelling agent

Name	Aliases	Type	Status	Qualifier	Functions
E412	Alias of Guar gum	Food	✓		thickener
E414	Alias of Acacia gum	Food	✓		thickener, stabilizer
E415	Alias of Xanthan gum	Food	✓		thickener
E416	Alias of Gum karaya	Food	✓		thickener
E417	Alias of Tara gum	Food	✓		thickener
E418	Alias of Gellan gum	Food	✓		thickener, stabilizer
E420	Alias of Sorbitol	Food	✓		sweetener, emulsifier
E422	Alias of Glycerol	Food	✓		emulsifier, sweetener, anti-microbial, humectant
E425	Alias of Konjac	Food	✓		emulsifier
E426	Alias of Soybean hemicellulose	Food	✓		thickener, emulsifier, stabilizer, anti-caking agent
E431	Alias of Polyoxyethene (40) stearate	Food	✗		emulsifier
E432	Alias of Polysorbate 20	Food	✓		emulsifier
E433	Alias of Polysorbate 80	Food	✓		emulsifier
E434	Alias of Polysorbate 40	Food	✓		emulsifier
E435	Alias of Polysorbate 60	Food	✓		emulsifier
E436	Alias of Polysorbate 65	Food	✓		emulsifier
E440	Alias of Pectin	Food	✓		emulsifier, firming agent, flavoring agent, solvent
E442	Alias of Ammonium phosphatides	Food	✓		emulsifier
E444	Alias of Sucrose acetate isobutyrate	Food	✗		emulsifier
E445	Alias of Glycerol ester of wood rosin	Food	✓		emulsifier
E450	Alias of Diphosphate	Food	✓		emulsifier, stabilizer, pH control agent, sequestrant, leavening agent, dough conditioner
E451	Alias of Triphosphate	Food	✓		emulsifier
E452	Alias of Polyphosphate	Food	✓	Sodium Tripolyphosphate is not acceptable in seafood.	emulsifier
E459	Alias of Beta-cyclodextrin	Food	✗		stabilizer, thickener, emulsifier

Name	Aliases	Type	Status	Qualifier	Functions
E460	Alias of Cellulose	Food	✓		texturizer, anti-caking agent, emulsifier, bulking agent
E461	Alias of Methylcellulose	Food	✓		emulsifier, flavor enhancer, stabilizer
E464	Alias of Hydroxypropyl methylcellulose	Food	✓		thickener, emulsifier
E465	Alias of Ethyl methyl cellulose	Food	✓		thickener, foaming agent, emulsifier
E466	Alias of Carboxymethyl cellulose	Food	✓		anti-caking agent, emulsifier, stabilizer, humectant
E469	Alias of Enzymically hydrolysed carboxymethylcellulose	Food	✓		emulsion stabilizer, thickener
E470a	Alias of Sodium, potassium and calcium salts of fatty acids	Food	✗		emulsifier, anti-caking agent
E470b	Alias of Magnesium salts of fatty acids	Food	✗		emulsifier, anti-caking agent
E471	Alias of Mono- and diglycerides of fatty acids	Food	✓	acceptable if fatty acids are not hydrogenated	emulsifier
E472a	Alias of Acetylated esters of mono- and diglycerides	Food	✗		emulsifier
E472b	Alias of Lactic acid esters of monoglycerides	Food	✗		emulsifier
E472c	Alias of Citric acid esters of mono- and diglycerides of fatty acids	Food	✗		
E472e	Alias of Mono- and diacetyl tartaric acid esters of mono- and diglycerides of fatty acids	Food	✗		emulsifier
E472f	Alias of Mixed acetic and tartaric acid esters of mono- and diglycerides of fatty acids	Food	✗		emulsifier
E473	Alias of Sucrose esters of fatty acids	Food	✗		
E474	Alias of Sucroglycerides	Food	✗		emulsifier
E475	Alias of Polyglycerol esters of fatty acids	Food	✓		emulsifier, solvent, stabilizer, surfactant

Name	Aliases	Type	Status	Qualifier	Functions
E476	Alias of Polyglycerol polyricinoleate	Food	✗		emulsifier
E477	Alias of Propylene glycol esters of fatty acids	Food	✗		
E479b	Alias of Thermally oxidized soya bean oil interacted with mono- and diglycerides of fatty acids	Food	✗		emulsifier
E481	Alias of Sodium stearoyl-2-lactylate	Food	✗		emulsifier
E482	Alias of Calcium stearoyl-2-lactylate	Food	✗		emulsifier
E483	Alias of Stearyl tartrate	Food	✗		emulsifier
E491	Alias of Sorbitan monostearate	Food	✓		emulsifier
E492	Alias of Sorbitan tristearate	Food	✓		emulsifier
E493	Alias of Sorbitan monolaurate	Food	✓		emulsifier
E494	Alias of Sorbitan monooleate	Food	✓		emulsifier
E495	Alias of Sorbitan monopalmitate	Food	✓		emulsifier
E500	Alias of Sodium carbonate	Food	✓		leavening agent, pH control agent
E501	Alias of Potassium Carbonate	Food	✓		leavening agent, nutrient, pH control agent
E503	Alias of Ammonium carbonate	Food	✓		leavening agent, pH adjuster
E504	Alias of Magnesium carbonate	Food	✓		anti-caking agent, pH adjuster
E507	Alias of Hydrochloric acid (muriatic acid)	Food	✗		acidulant
E508	Alias of Potassium chloride	Food	✓		enzyme, flavoring agent, fermenting agent, gelling agent
E509	Alias of Calcium chloride	Food	✓		firming agent, sequestrant
E511	Alias of Magnesium chloride	Food	✓		firming agent
E512	Alias of Stannous chloride	Food	✗		preservative, antioxidant
E513	Alias of Sulfuric acid	Food	✗		acidulant
E515	Alias of Potassium sulfate	Food	✓		flavoring agent, Fermentation aid

Name	Aliases	Type	Status	Qualifier	Functions
E516	Alias of Calcium sulfate	Food	✓		coagulant, firming agent, leavening agent
E517	Alias of Ammonium sulfate	Food	✗		fermentation enhancer, pH control agent
E520	Alias of Aluminium sulfate	Food	✗		firming agent
E521	Alias of Aluminium sodium sulfate	Food	✗		firming agent
E522	Alias of Aluminium potassium sulfate	Food	✗		pH control agent
E523	Alias of Aluminium ammonium sulfate	Food	✗		pH control agent
E524	Alias of Sodium hydroxide	Food	✓		alkali, pH control agent
E525	Alias of Potassium hydroxide	Food	✓		fumigant, pH control agent, stabilizer
E526	Alias of Calcium hydroxide	Food	✓		pH control agent, firming agent
E527	Alias of Ammonium hydroxide	Food	✗		excipient, pH control agent, firming agent
E528	Alias of Magnesium hydroxide	Food	✓		buffer, pH control agent
E529	Alias of Calcium oxide	Food	✓		pH control agent
E535	Alias of Sodium ferrocyanide	Food	✓		anti-caking agent, emulsifier
E536	Alias of Potassium ferrocyanide	Food	✓		anti-caking agent
E538	Alias of Calcium ferrocyanide	Food	✓		anti-caking agent
E541	Alias of Sodium aluminium phosphate	Food	✓		emulsifier
E551	Alias of Silicon dioxide	Food	✓		anti-caking agent, colorant, drying agent, emulsifier
E552	Alias of Calcium silicate	Food	✓		anti-caking agent
E553a	Alias of Magnesium silicate	Food	✗		anti-caking agent
E553b	Alias of Talc	Food	✗		anti-caking agent, bulking agent, excipient, absorbent, opacifier
E554	Alias of Sodium Aluminosilicate	Food	✓		anti-caking agent, drying agent, humectant
E555	Alias of Potassium aluminium silicate	Food	✓		anti-caking agent

Name	Aliases	Type	Status	Qualifier	Functions
E556	Alias of Aluminium calcium silicate	Food	✓		anti-caking agent
E558	Alias of Bentonite	Food	✗		viscosity controlling agent, absorbent, bulking agent, anti-caking agent
E570	Alias of Fatty acids	Food	✓	Must be from non-hydrogenated sources.	anti-caking agent
E574	Alias of Gluconic acid	Food	✓		pH control agent
E575	Alias of Gluconolactone	Food	✓		pH control agent, sequestrant
E576	Alias of Sodium gluconate	Food	✓		skin conditioning agent, chelator, sequestrant
E577	Alias of Potassium gluconate	Food	✓		nutrient, sequestrant
E578	Alias of Calcium gluconate	Food	✓		firming agent, mineral
E579	Alias of Ferrous gluconate	Food	✓		natural color
E585	Alias of Ferrous lactate	Food	✓		nutrient, natural color
E586	Alias of 4-Hexylresorcinol	Food	✓	Only allowed when used to treat shrimp. Not preferred.	antioxidant
E620	Alias of Glutamic acid	Food	✗		flavor enhancer
E621	Alias of Monosodium glutamate (MSG)	Food	✗		flavor enhancer
E622	Alias of Monopotassium glutamate	Food	✗		flavor enhancer
E623	Alias of Calcium diglutamate	Food	✗		flavor enhancer
E624	Alias of Monoammonium glutamate	Food	✗		flavor enhancer
E625	Alias of Magnesium diglutamate	Food	✗		flavor enhancer
E626	Alias of Guanylic acid	Food	✗		flavor enhancer
E627	Alias of Disodium guanylate	Food	✗		flavor enhancer
E628	Alias of Dipotassium guanylate	Food	✗		flavor enhancer
E629	Alias of Calcium guanylate	Food	✗		flavor enhancer
E630	Alias of Inosinic acid	Food	✗		flavor enhancer
E631	Alias of Disodium inosinate	Food	✗		flavor enhancer

Name	Aliases	Type	Status	Qualifier	Functions
E632	Alias of Dipotassium inosinate	Food	✗		flavor enhancer
E633	Alias of Calcium inosinate	Food	✗		flavor enhancer
E634	Alias of Calcium 5'-ribonucleotides	Food	✗		flavor enhancer
E635	Alias of Disodium 5'-ribonucleotides	Food	✗		flavor enhancer
E640	Alias of Glycine	Food	✗		flavor enhancer
E650	Alias of Zinc acetate	Food	✗		flavor enhancer
E695	Alias of Maltitol	Food	✓		sweetener, stabilizer
E900	Alias of Dimethylpolysiloxane	Food	✗		anti-caking agent, anti-foaming agent
E901	Alias of Beeswax	Food	✓		emollient, film former, emulsifier, wax, glazing agent
E902	Alias of Candelilla wax	Food	✓		glazing agent, wax
E903	Alias of Carnauba wax	Food	✓		glazing agent, wax
E904	Alias of Shellac, purified	Food	✓		anti-caking agent, drying agent, humectant, glazing agent
E905	Alias of Microcrystalline wax	Food	✗		coating agent
E912	Alias of Montan Wax	Food	✗		glazing agent, wax
E914	Alias of Oxidised Polyethylene wax	Food	✗		glazing agent, wax
E920	Alias of Cysteine	Food	✗	Not acceptable in hearth breads. Acceptable in other uses at discretion of the regional coordinator.	
E927b	Alias of Urea	Food	✗		buffer, humectant, skin conditioning agent
E928	Alias of Benzoyl peroxide	Food	✗		
E938	Alias of Argon	Food	✓	Acceptable as processing aid	packing gas
E939	Alias of Helium	Food	✓	Acceptable as processing aid	packing gas
E941	Alias of Nitrogen	Food	✓	Acceptable as processing aid	packing gas, propellant
E942	Alias of Nitrous oxide	Food	✓	Acceptable as processing aid	propellant

Name	Aliases	Type	Status	Qualifier	Functions
E943a	Alias of Butane	Food	✓	Acceptable as processing aid	propellant
E943b	Alias of Isobutane	Food	✓	Acceptable as processing aid	propellant
E944	Alias of Propane	Food	✓	Acceptable as processing aid	propellant
E948	Alias of Oxygen	Food	✓	Acceptable as processing aid	packing gas
E949	Alias of Hydrogen	Food	✓	Acceptable as processing aid	packing gas
E950	Alias of Acesulfame-K	Food	✗		artificial sweetener
E951	Alias of Aspartame	Food	✗		artificial sweetener
E952	Alias of Cyclamate	Food	✗		artificial sweetener
E953	Alias of Isomalt	Food	✓		sweetener
E954	Alias of Saccharin, sodium salt	Food	✗		artificial sweetener
E955	Alias of Sucralose	Food	✗		artificial sweetener
E957	Alias of Thaumatin	Food	✓		
E959	Alias of Neohesperidine dihydrochalcone	Food	✗		artificial sweetener, flavor enhancer
E961	Alias of Neotame	Food	✗		
E962	Alias of Aspartame-acesulfame salt	Food	✗		artificial sweetener
E965	Alias of Maltitol	Food	✓		sweetener, stabilizer
E966	Alias of Lactitol	Food	✓		sweetener
E967	Alias of Xylitol	Food	✓		sweetener
E968	Alias of Erythritol	Food	✓		sweetener
E999	Alias of Quillaja extract	Food	✓		flavoring agent, surfactant, emulsifier
EDTA		Food	✗		chelator

Name	Aliases	Type	Status	Qualifier	Functions
Eggs – shell, cooked and liquid eggs used as ingredients in prepared foods, bakeries, facilities		Food	✓	Eggs (shell, cooked and liquid) sold, cooked or used as ingredients in products made in our prepared foods departments, kitchens and bakeries must be cage free.	
Eggs – shell, cooked and liquid eggs used in third party PFDS and BAK products that appear WFM-made		Food	✓	Eggs (shell, cooked and liquid) used as ingredients in prepared foods and bakery items prepared by third parties and presented to the customer without the vendor's label must be cage free.	
Eggs â€“ shell and liquid eggs sold in dairy		Food	✓	Eggs (shell and liquid) sold as stand-alone products in our dairy departments must meet Laying Hen Standards.	
Elderberry		Food	✓		Fruit
Eleuthero	Siberian ginseng, Eleutherococcus senticosus (Rupr. & Maxim.) Maxim. [Araliaceae], Eleutherococcus senticosus, Siberian ginseng	Food	✗	Must be GRAS or self-affirmed GRAS. Full dossier must be provided. All products require QS and Legal review. Allow for 20+ weeks onboarding time	herb
Eleutherococcus senticosus	Alias of Eleuthero	Food	✗	Must be GRAS or self-affirmed GRAS. Full dossier must be provided. All products require QS and Legal review. Allow for 20+ weeks onboarding time	herb

Name	Aliases	Type	Status	Qualifier	Functions
Eleutherococcus senticosus (Rupr. & Maxim.) Maxim. [Araliaceae]	Alias of Eleuthero	Food	✗	Must be GRAS or self-affirmed GRAS. Full dossier must be provided. All products require QS and Legal review. Allow for 20+ weeks onboarding time	herb
Enzymes		Food	✓		
Enzymically hydrolysed carboxymethylcellulose	E469	Food	✓		emulsion stabilizer, thickener
Equisetum arvense	Horsetail	Food	✗		herb
Erythorbic acid	E315	Food	✓		antioxidant
Erythritol	E968	Food	✓		sweetener
Erythrosine	Alias of FD&C Red No. 3	Food	✗		artificial color
Ethoxyquin		Food	✗		preservative
Ethyl acrylate, synthetic		Food	✗		artificial flavor
Ethyl alcohol		Food	✓		
Ethyl ester of beta-apo-8ò-carotenic acid (C 30)		Food	✓		natural color
Ethyl methyl cellulose	E465	Food	✓		thickener, foaming agent, emulsifier
Ethyl p-hydroxybenzoate	Alias of Ethylparaben	Food	✗		preservative
ethyl para-hydroxybenzoate	Alias of Ethylparaben	Food	✗		preservative
Ethyl vanillin		Food	✗	Acceptable if there is documentation to show the source is natural. Requires QS review.	
Ethylene glycol		Food	✗		
Ethylene oxide		Food	✗		
Ethylparaben	Ethyl p-hydroxybenzoate, ethyl para-hydroxybenzoate, E214	Food	✗		preservative
Eugenyl methyl ether, synthetic		Food	✗		artificial flavor
EverFresh	Brand name for 4-Hexylresorcinol	Food	✓	Only allowed when used to treat shrimp. Not preferred.	antioxidant
Fatty acid esters of ascorbic acid	Alias of Ascorbyl palmitate	Food	✓		antioxidant

Name	Aliases	Type	Status	Qualifier	Functions
Fatty acids	E570	Food	✓	Must be from non-hydrogenated sources.	anti-caking agent
FD&C Blue No. 1	Brilliant Blue FCF, E133	Food	✗		artificial color
FD&C Blue No. 2	Indigotine, Indigo Carmine, E132	Food	✗		artificial color
FD&C Colors		Food	✗		artificial color
FD&C Green No. 3		Food	✗		artificial color
FD&C Red No. 2	Amaranth (colorant), E123	Food	✗		artificial color
FD&C Red No. 3	Erythrosine, E127	Food	✗		artificial color
FD&C Red No. 40	Allura Red AC, E129	Food	✗		artificial color
FD&C Yellow No. 5	Tartrazine, E102	Food	✗		artificial color
FD&C Yellow No. 6	E110, Sunset Yellow FCF, Orange Yellow S	Food	✗		artificial color
Ferric orthophosphate	Alias of Ferric phosphate	Food	✓		mineral
Ferric phosphate	Ferric orthophosphate	Food	✓		mineral
Ferrous gluconate	E579	Food	✓		natural color
Ferrous lactate	E585	Food	✓		nutrient, natural color
Ferrous sulfate		Food	✓		
Flavor aromas		Food	✓	Must meet definition of natural flavors as defined by FDA in 21 CFR 101.22.	flavor
Flavor essences		Food	✓	Must meet definition of natural flavors as defined by FDA in 21 CFR 101.22.	flavor
Flavorings		Food	✓	Must meet definition of natural flavors as defined by FDA in 21 CFR 101.22.	flavor
Fo-ti	Alias of He shou wu	Food	✗		
Foie gras		Food	✗		
Folic acid		Food	✓		vitamin
Fractionated oils		Food	✓		
Fractionated palm kernel oil		Food	✓		
Fructooligosaccharide		Food	✓		fiber, prebiotic
Fructose		Food	✓		
Fruit juice concentrates		Food	✓		

Name	Aliases	Type	Status	Qualifier	Functions
Full/Broad spectrum hemp extract		Food	✓	Only if ingredient is derived from hemp seed. Must not contain CBD or THC. Supplier must provide documentation to WFM if requested.	herb
Full/Broad spectrum hemp oil		Food	✓	Only if ingredient is derived from hemp seed. Must not contain CBD or THC. Supplier must provide documentation to WFM if requested.	herb
Full/Broad spectrum hemp plant		Food	✓	Only if ingredient is derived from hemp seed. Must not contain CBD or THC. Supplier must provide documentation to WFM if requested.	herb
Full/Broad spectrum hemp seed extract		Food	✓	Only if ingredient is derived from hemp seed. Must not contain CBD or THC. Supplier must provide documentation to WFM if requested.	herb
Full/Broad spectrum hemp seed oil		Food	✓	Only if ingredient is derived from hemp seed. Must not contain CBD or THC. Supplier must provide documentation to WFM if requested.	herb
Fumaric acid	E297	Food	✓		acidulant
Gamma tocopherol	E308	Food	✓		antioxidant
Gamma-cyclodextrin		Food	✗		flavor carrier, stabilizer
Gan jiang (dried rhizome)	Alias of Ginger	Food	✓		herb
Garcinia cambogia	Hydroxycitric acid (HCA)	Food	✗		herb
Gardenia blue		Food	✗		colorant

Name	Aliases	Type	Status	Qualifier	Functions
Gelatin		Food	✓		
Gellan gum	E418	Food	✓		thickener, stabilizer
Ginger	Zingiber officinale Roscoe [Zingiberaceae], Ginger extract, Ardraka (fresh rhizome), Shunthi (dried rhizome), Jiang	Food	✓		herb
Ginger extract	Alias of Ginger	Food	✓		herb
Ginkgo	Ginkgo biloba	Food	✗		herb
Ginkgo biloba	Alias of Ginkgo	Food	✗		herb
Ginseng		Food	✓	Must be GRAS or self-affirmed GRAS. Full dossier must be provided. All products require QS and Legal review.	herb
Gluconic acid	E574	Food	✓		pH control agent
Glucono delta-lactone (GDL)	Alias of Gluconolactone	Food	✓		pH control agent, sequestrant
Gluconolactone	Glucono delta-lactone (GDL), E575	Food	✓		pH control agent, sequestrant
Glucose syrup		Food	✓		
Glucose-fructose syrup		Food	✓	Only allowed if percentage of fructose is less than 42%.	sweetener
Glutamic acid	E620	Food	✗		flavor enhancer
Glycerin		Food	✓		
Glycerol	E422	Food	✓		emulsifier, sweetener, anti-microbial, humectant
Glycerol ester of wood rosin	E445	Food	✓		emulsifier
Glyceryl distearate	Alias of Mono- and diglycerides of fatty acids	Food	✓	acceptable if fatty acids are not hydrogenated	emulsifier
Glyceryl triacetate	E1518, Triacetin	Food	✓	Only acceptable in natural flavors	
Glycine	E640	Food	✗		flavor enhancer
Glycolipids	Nagardo	Food	✓		preservative
Glycyrrhiza glabra L. [Fabaceae]	Alias of Licorice	Food	✓		herb
GMP		Food	✗		

Name	Aliases	Type	Status	Qualifier	Functions
Goji berry		Food	✓		Fruit
Gold	Gold leaf, E175	Food	✗		colorant
Gold leaf	Alias of Gold	Food	✗		colorant
Grapefruit seed extract		Food	✗		preservative, anti-microbial
Green S	E142	Food	✗		artificial color
Grifola frondosa	Alias of Maitake	Food	✓		
Guanylic acid	E626	Food	✗		flavor enhancer
Guar gum	E412	Food	✓		thickener
Guarana		Food	✓	only if labelled in accordance with caffeine labeling standards	
Guayusa		Food	✓	Requires GRAS documentation	herb
Gum acacia	Alias of Acacia gum	Food	✓		thickener, stabilizer
Gum arabic	Alias of Acacia gum	Food	✓		thickener, stabilizer
Gum karaya	E416	Food	✓		thickener
Gum tragacanth		Food	✓		thickener, stabilizer
He shou wu	Fo-ti	Food	✗		
Helianthus tuberosus			✓		
Helianthus tuberosus	Alias of Jerusalem artichoke	Food	✓		root
Helium	E939	Food	✓	Acceptable as processing aid	packing gas
Hemp extract		Food	✓	Only if ingredient is derived from hemp seed. Must not contain CBD or THC. Supplier must provide documentation to WFM if requested.	herb
Hemp oil		Food	✓	Only if ingredient is derived from hemp seed. Must not contain CBD or THC. Supplier must provide documentation to WFM if requested.	herb

Name	Aliases	Type	Status	Qualifier	Functions
Hemp plant (including hemp, hemp fibers, etc.)		Food	✓	Only if ingredient is derived from hemp seed. Must not contain CBD or THC. Supplier must provide documentation to WFM if requested.	herb
Hen-of-the-woods	Alias of Maitake	Food	✓		
Heptylparaben		Food	✗		preservative
Hexa-, hepta- and octa-esters of sucrose		Food	✗		
Hexamethylene tetramine	E239	Food	✗		preservative
Hibiscus	Hibiscus rosa-sinensis L. [Malvaceae]	Food	✓		herb
Hibiscus rosa-sinensis L. [Malvaceae]	Alias of Hibiscus	Food	✓		herb
High fructose corn syrup		Food	✗		
High maltose corn syrup		Food	✓		
Hijiki		Food	✗		
Hippophae rhamnoides L. [Elaeagnaceae]	Alias of Sea buckthorn	Food	✓		herb
Holy basil	Tulsi	Food	✓		herb
Honey		Food	✓		
Hops	Humulus lupulus L [Cannabaceae]	Food	✓		herb
Horsetail	Alias of Equisetum arvense	Food	✗		herb
HPMC	Alias of Hydroxypropyl methylcellulose	Food	✓		thickener, emulsifier
Huckleberry	Alias of Bilberry	Food	✓		Fruit
Humulus lupulus L [Cannabaceae]	Alias of Hops	Food	✓		herb
Hydrochloric acid (muriatic acid)	E507	Food	✗		acidulant
Hydrogen	E949	Food	✓	Acceptable as processing aid	packing gas
Hydrogenated oils		Food	✗		
Hydrogenated starch hydrolysate		Food	✓		
Hydrolyzed collagen		Food	✓		protein
Hydrolyzed corn protein		Food	✓		flavor
Hydrolyzed milk protein		Food	✓		flavor, whipping agent
Hydrolyzed plant protein		Food	✓		

Name	Aliases	Type	Status	Qualifier	Functions
Hydrolyzed soy protein		Food	✓		
Hydrolyzed vegetable protein		Food	✓		
Hydrolyzed wheat gluten	Alias of Hydrolyzed wheat protein	Food	✓		flavor enhancer, conditioning agent
Hydrolyzed wheat protein	Hydrolyzed wheat gluten	Food	✓		flavor enhancer, conditioning agent
Hydroxycitric acid (HCA)	Alias of Garcinia cambogia	Food	✗		herb
Hydroxyl propyl starch	E1440	Food	✓		emulsifier, thickener
Hydroxylated soy lecithin		Food	✓		
Hydroxypropyl distarch phosphate	E1442	Food	✓		stabilizer, thickener
Hydroxypropyl methyl cellulose	Alias of Hydroxypropyl methylcellulose	Food	✓		thickener, emulsifier
Hydroxypropyl methylcellulose	Hydroxypropyl methyl cellulose, Hypromellose, E464, HPMC	Food	✓		thickener, emulsifier
Hypromellose	Alias of Hydroxypropyl methylcellulose	Food	✓		thickener, emulsifier
Indian frankincense			✓		
Indian frankincense	Alias of Boswellia	Food	✗	Must be GRAS or self-affirmed GRAS. Full dossier must be provided. All products require QS and Legal review. Allow for 20+ weeks onboarding time.	herb extract
Indian gooseberry	Alias of Amla	Food	✓		Fruit
Indigo Carmine	Alias of FD&C Blue No. 2	Food	✗		artificial color
Indigotine	Alias of FD&C Blue No. 2	Food	✗		artificial color
Inhibit 3600 Dairy	Brand name for Cultured whey	Food	✓		preservative
Inolens		Food	✓		
Inosine monophosphate		Food	✗		
Inositol		Food	✓		
Insect Flour		Food	✗		
Interesterified fats		Food	✓	acceptable only if fatty acids are not hydrogenated	

Name	Aliases	Type	Status	Qualifier	Functions
Inulin		Food	✓		
Invert sugar		Food	✓		
Invertase	E1103	Food	✓		emulsifier
Iron hydroxides	Alias of Iron oxide	Food	✗		colorant
Iron oxide	E172, Iron hydroxides	Food	✗		colorant
Isobutane	E943b	Food	✓	Acceptable as processing aid	propellant
Isolated soy protein		Food	✓		
Isomalt	E953, Isomaltitol	Food	✓		sweetener
Isomaltitol	Alias of Isomalt	Food	✓		sweetener
Isomalto-oligosaccharide mixture	Isomalto-oligosaccharides	Food	✓		sweetener
Isomalto-oligosaccharides	Alias of Isomalto-oligosaccharide mixture	Food	✓		sweetener
Jerusalem artichoke	Helianthus tuberosus, Sunchoke	Food	✓		root
Jiang	Alias of Ginger	Food	✓		herb
Jiang pi (peel)	Alias of Ginger	Food	✓		herb
Jujube	Ziziphus jujuba Mill. [Rhamnaceae]	Food	✓		Fruit
Kava	Kava kava	Food	✗		herb
Kava kava	Alias of Kava	Food	✗		herb
Kipper brown	Alias of Brown FK	Food	✗		artificial color
Konjac	E425, Konjac glucomannane	Food	✓		emulsifier
Konjac glucomannane	Alias of Konjac	Food	✓		emulsifier
L-Ascorbic acid	Alias of Calcium ascorbate	Food	✓		
L-Cysteine		Food	✗	Not acceptable in hearth breads. Acceptable in other uses at discretion of the regional coordinator. See https://rock.wholefoodsmarket.com/?p=702	
L-malic acid	Alias of Malic acid	Food	✓		buffer, acidulant
I-theanine		Food	✓		
Lactase enzyme		Food	✓		enzyme

Name	Aliases	Type	Status	Qualifier	Functions
Lactic acid	E270	Food	✓		acidulant, buffer, skin conditioning agent, humectant, preservative, antioxidant
Lactic acid esters of mono- and diglycerides of fatty acids	Alias of Lactic acid esters of monoglycerides	Food	✗		emulsifier
Lactic acid esters of monoglycerides	E472b, Lactic acid esters of mono- and diglycerides of fatty acids	Food	✗		emulsifier
Lactitol	E966	Food	✓		sweetener
Lactobacillus		Food	✓		probiotic
Lactose (milk sugar)		Food	✓		
Lactose monohydrate		Food	✓		
Lactylated esters of mono- and diglycerides		Food	✗		
Lard, hydrogenated or partially hydrogenated		Food	✗		oil, fat
Lean finely textured beef		Food	✗		filler
Lecithin	E322	Food	✓		antioxidant, emulsifier
Lemon balm	Melissa officinalis L. [Lamiaceae]	Food	✓		herb
Lemon myrtle		Food	✓		herb
LENTEIN Protein Concentrate	Brand name for Water lentil (Lemnaceae) protein concentrate	Food	✓		protein
Lentinus edodes	Alias of Shiitake	Food	✓		
Levulose		Food	✓		
Licorice	Glycyrrhiza glabra L. [Fabaceae]	Food	✓		herb
Lime (Hydrated lime)	Alias of Calcium hydroxide	Food	✓		pH control agent, firming agent
Lion's Mane		Food	✓		mushroom
Lipase		Food	✓		
Lithol rubine BK	E180, Pigment Rubine	Food	✗		colorant
Inosinic acid	E630	Food	✗		flavor enhancer
Lo han		Food	✓		
Locust bean gum		Food	✓		
Lucuma		Food	✓		Fruit

Name	Aliases	Type	Status	Qualifier	Functions
Lutein	E161b	Food	✓		carotenoid
Lycopene	E160d	Food	✓		
Lysozyme	E1105	Food	✓	must be labeled in the ingredients section as "egg white lysozyme."	preservative
Ma huang		Food	✗		
Maca		Food	✓	Must be GRAS or self-affirmed GRAS. Full dossier must be provided. All products require QS and Legal review.	herb
Magnesium bicarbonate	Alias of Magnesium carbonate	Food	✓		anti-caking agent, pH adjuster
Magnesium carbonate	E504, Magnesium bicarbonate, Magnesium hydrogen carbonate	Food	✓		anti-caking agent, pH adjuster
Magnesium chloride	E511	Food	✓		firming agent
Magnesium diglutamate	E625	Food	✗		flavor enhancer
Magnesium hydrogen carbonate	Alias of Magnesium carbonate	Food	✓		anti-caking agent, pH adjuster
Magnesium hydroxide	E528	Food	✓		buffer, pH control agent
Magnesium phosphate	Dimagnesium phosphate, E343, Monomagnesium phosphate	Food	✓		anti-caking agent
Magnesium phosphate pentahydrate		Food	✓		mineral
Magnesium salts of fatty acids	E470b	Food	✗		emulsifier, anti-caking agent
Magnesium silicate	Magnesium trisilicate, E553a	Food	✗		anti-caking agent
Magnesium stearate		Food	✓		
Magnesium sulfate		Food	✓		
Magnesium trisilicate	Alias of Magnesium silicate	Food	✗		anti-caking agent
Maitake	Grifola frondosa, Hen-of-the-woods	Food	✓		
Malic acid	E296, DL-malic acid, L-malic acid	Food	✓		buffer, acidulant
Malpighia emarginata			✓		
Malpighia emarginata	Alias of Acerola	Food	✓		Fruit

Name	Aliases	Type	Status	Qualifier	Functions
Malt extract		Food	✓		
Malt syrup		Food	✓		
Maltitol	E695, E965, Maltitol syrup	Food	✓		sweetener, stabilizer
Maltitol syrup	Alias of Maltitol	Food	✓		sweetener, stabilizer
Maltodextrin		Food	✓		thickener
Maltose		Food	✓		
Mannitol		Food	✓		sweetener, anti-caking agent
Maple syrup		Food	✓		
Maqui berry		Food	✓		
Margarine		Food	✓	acceptable if no artificial ingredients and not hydrogenated	
Marigold	Alias of Calendula	Food	✓		herb
Marine collagen	Alias of Collagen	Food	✓		
Matcha		Food	✓		herb
Meat		Food	✓	meat sold in meat, pfd, specialty should be from approved vendors only; check in with meat QA team.	
Medium chain triglycerides		Food	✓	acceptable only if fatty acids are not hydrogenated	
Melatonin		Food	✗		
Melissa officinalis L. [Lamiaceae]	Alias of Lemon balm	Food	✓		herb
Mentha x piperita L. [Lamiaceae]	Alias of Peppermint	Food	✓		herb
Metatartaric acid	E353	Food	✓		emulsifier
Methocel USP	Brand name for Methylcellulose	Food	✓		emulsifier, flavor enhancer, stabilizer
Methyl cellulose	Alias of Methylcellulose	Food	✓		emulsifier, flavor enhancer, stabilizer
methyl p-hydroxybenzoate	Alias of Methylparaben	Food	✗		preservative
methyl para-hydroxybenzoate	Alias of Methylparaben	Food	✗		preservative
Methyl silicon		Food	✗		
Methylcellulose	Methyl cellulose, E461, Methocel USP	Food	✓		emulsifier, flavor enhancer, stabilizer

Name	Aliases	Type	Status	Qualifier	Functions
Methylparaben	E218, methyl para-hydroxybenzoate, methyl p-hydroxybenzoate	Food	✗		preservative
Mica	Potassium aluminum silicate	Food	✓		colorant
Microcrystalline cellulose	Alias of Cellulose	Food	✓		texturizer, anti-caking agent, emulsifier, bulking agent
Microcrystalline wax	E905, Paraffins, Petroleum wax	Food	✗		coating agent
MicroGARDÂ® Fermentates	Alias of Cultured dextrose	Food	✓		preservative
Microparticularized whey protein derived fat substitute		Food	✗		
Milk of Lime	Alias of Calcium hydroxide	Food	✓		pH control agent, firming agent
Milk thistle	Silybum marianum	Food	✓	allowed in alcoholic beverages as a bittering agent	herb
Mixed acetic and tartaric acid esters of mono- and diglycerides of fatty acids	E472f	Food	✗		emulsifier
Modified cellulose	Alias of Cellulose	Food	✓		texturizer, anti-caking agent, emulsifier, bulking agent
Modified corn starch		Food	✓		
Modified food starch		Food	✓		
Modified guar gum		Food	✓		emulsifier
Modified palm oil		Food	✓	Confirm that it's not hydrogenated.	
Modified tapioca starch		Food	✓		
Molasses	Treacle	Food	✓		
Monk fruit extract		Food	✓		
Mono starch acetate	Alias of Acetylated starch	Food	✓		thickener, emulsifier
Mono- and diacetyl tartaric acid esters of mono- and diglycerides of fatty acids	E472e	Food	✗		emulsifier
Mono- and diglycerides of fatty acids	Diglycerides, E471, Glyceryl distearate	Food	✓	acceptable if fatty acids are not hydrogenated	emulsifier
Monoammonium glutamate	E624	Food	✗		flavor enhancer
Monocalcium citrate	Alias of Calcium citrate	Food	✓		mineral, acidulant
Monocalcium phosphate	Alias of Calcium phosphate	Food	✓		anti-caking agent, firming agent
Monocalcium phosphate monohydrate		Food	✓		

Name	Aliases	Type	Status	Qualifier	Functions
Monomagnesium phosphate	Alias of Magnesium phosphate	Food	✓		anti-caking agent
Monopotassium citrate	Alias of Potassium citrate	Food	✓		emulsifier, flavoring agent, nutrient, acidulant
Monopotassium glutamate	E622	Food	✗		flavor enhancer
Monopotassium phosphate	Alias of Potassium phosphate	Food	✓		Fermentation aid, nutrient, pH control agent, stabilizer, antioxidant
Monopotassium tartrate	Alias of Potassium acid tartrate	Food	✓		emulsifier, nutrient, pH control agent
Monopotassium tartrate (cream of tartar)	Alias of Potassium acid tartrate	Food	✓		emulsifier, nutrient, pH control agent
Monosodium citrate	Alias of Sodium citrate	Food	✓		colorant, emulsifier, flavoring agent, Fermentation aid, nutrient, acidulant
Monosodium glutamate (MSG)	E621	Food	✗		flavor enhancer
Monosodium Phosphate	Alias of Sodium phosphate	Food	✓		antioxidant, emulsifier, thickener, leavening agent
Monosodium tartrate	Alias of Sodium tartrate	Food	✓		acidulant
Monostarch phosphate	E1410	Food	✓		thickener, stabilizer
Montan acid esters	Alias of Montan Wax	Food	✗		glazing agent, wax
Montan Wax	Montan acid esters, E912	Food	✗		glazing agent, wax
Moringa		Food	✓	Label must include pregnancy advisory.	
Mustard seed	Brassica Nigra	Food	✓		herb, flavor
Myrcene, synthetic		Food	✗		artificial flavor
Nagardo	Brand name for Glycolipids	Food	✓		preservative
Nano silver		Food	✗		
Natamycin	E235	Food	✗	Allowed as an anti-fungal in the wax used on cheese rinds	
Natural flavors		Food	✓		flavor
Nature identical flavors		Food	✗		flavor
Neohesperidine DC	Alias of Neohesperidine dihydrochalcone	Food	✗		artificial sweetener, flavor enhancer
Neohesperidine dihydrochalcone	Neohesperidine DC, E959	Food	✗		artificial sweetener, flavor enhancer
Neotame	E961	Food	✗		
Niacin		Food	✓		

Name	Aliases	Type	Status	Qualifier	Functions
Niacinamide		Food	✓		
Nisin	E234	Food	✓		preservative
Nitrates, synthetic		Food	✗		
Nitrites		Food	✗		
Nitrogen	E941	Food	✓	Acceptable as processing aid	packing gas, propellant
Nitrous oxide	E942	Food	✓	Acceptable as processing aid	propellant
Norbixin	Alias of Annatto	Food	✓		colorant, natural color
Octyl gallate		Food	✗		preservative
Oleoresin basil		Food	✓		flavor
Oleoresin capsicum (red pepper)		Food	✓	Must meet the FDA definition of "natural flavor"	
Oleoresin celery		Food	✓	Must meet the FDA definition of "natural flavor"	
Olestra		Food	✗		
Orange B		Food	✗		artificial color
Orange Yellow S	Alias of FD&C Yellow No. 6	Food	✗		artificial color
Orthophenyl phenol	E231	Food	✗		preservative
Orthophosphoric acid	Alias of Phosphoric acid	Food	✓		anti-microbial, flavoring agent, fumigant, sweetener
Oxidised Polyethylene wax	E914	Food	✗		glazing agent, wax
Oxidised starch	E1404	Food	✓		emulsifier, thickener
Oxygen	E948	Food	✓	Acceptable as processing aid	packing gas
Palm kernel oil		Food	✓		
Palm oil		Food	✓		
Palm oil, hydrogenated or partially hydrogenated		Food	✗		oil, fat
Pao giang (prepared rhizome)	Alias of Ginger	Food	✓		herb
Papain		Food	✓		
Paprika oleoresin	E160c, Capsanthin, Capsorubin	Food	✓		artificial color, natural flavoring
Parabens		Food	✗		preservative
Parrafins	Alias of Microcrystalline wax	Food	✗		coating agent
Partially hydrogenated oil		Food	✗		

Name	Aliases	Type	Status	Qualifier	Functions
Passiflora incarnata L. [Passifloraceae]	Alias of Passionflower	Food	✓		herb
Passionflower	Passiflora incarnata L. [Passifloraceae], Passionflower extract	Food	✓		herb
Passionflower extract	Alias of Passionflower	Food	✓		herb
Patent Blue V	E131	Food	✗		artificial color
Pea protein		Food	✓		protein
Peanut oil, hydrogenated or partially hydrogenated		Food	✗		oil, fat
Pectin	E440	Food	✓		emulsifier, firming agent, flavoring agent, solvent
Pentapotassium triphosphate	Alias of Triphosphate	Food	✓		emulsifier
Peppermint	Mentha x piperita L. [Lamiaceae], Peppermint leaf extract	Food	✓		herb
Peppermint leaf extract	Alias of Peppermint	Food	✓		herb
Pepsin		Food	✓		
Pet food		Food	✓	Please note that all pet foods must meet ingredient quality standards for food.	
Petroleum wax	Alias of Microcrystalline wax	Food	✗		coating agent
PGPR	Alias of Polyglycerol polyricinoleate	Food	✗		emulsifier
Phenylmethl bonzoate	Alias of Benzyl benzoate	Food	✗		preservative
Phosphated distarch phosphate	E1413	Food	✓		thickener, stabilizer
Phosphated Mono- and Diglycerides		Food	✓	Acceptable if not hydrogenated.	
Phosphates		Food	✓		
Phosphoric acid	E338, Orthophosphoric acid	Food	✓		anti-microbial, flavoring agent, fumigant, sweetener
Phyllanthus emblica L. [Euphorbiaceae]	Alias of Amla	Food	✓		Fruit
Phylloquinone	Vitamin K	Food	✓		vitamin
Pigment Rubine	Alias of Lithol rubine BK	Food	✗		colorant
Plain Caramel	Alias of Caramel color	Food	✓	type 1 is preferable, but types 2-4 are acceptable.	colorant, natural color

Name	Aliases	Type	Status	Qualifier	Functions
Plant sterols		Food	✗	unacceptable unless specifically approved by QS.	
Polydextrose	E1200	Food	✗		humectant, nutrient, stabilizer, thickener
Polyglycerol esters of fatty acids	E475	Food	✓		emulsifier, solvent, stabilizer, surfactant
Polyglycerol polyricinoleate	PGPR, E476	Food	✗		emulsifier
Polyoxyethene (40) stearate	E431	Food	✗		emulsifier
Polyoxyethylene sorbitan mono-oleate	Alias of Polysorbate 80	Food	✓		emulsifier
Polyoxyethylene sorbitan monolaurate	Alias of Polysorbate 20	Food	✓		emulsifier
Polyoxyethylene sorbitan monopalmitate	Alias of Polysorbate 40	Food	✓		emulsifier
Polyoxyethylene sorbitan monostearate	Alias of Polysorbate 60	Food	✓		emulsifier
Polyoxyethylene sorbitan tristearate	Alias of Polysorbate 65	Food	✓		emulsifier
Polyphosphate	Sodium tripolyphosphate, E452	Food	✓	Sodium Tripolyphosphate is not acceptable in seafood.	emulsifier
Polysorbate 20	Polyoxyethylene sorbitan monolaurate, E432	Food	✓		emulsifier
Polysorbate 40	Polyoxyethylene sorbitan monopalmitate, E434	Food	✓		emulsifier
Polysorbate 60	Polyoxyethylene sorbitan monostearate, E435	Food	✓		emulsifier
Polysorbate 65	Polyoxyethylene sorbitan tristearate, E436	Food	✓		emulsifier
Polysorbate 80	Polyoxyethylene sorbitan mono-oleate, E433	Food	✓		emulsifier
Polyvinylpyrrolidone	E1202	Food	✗		stabilizer
Polyvinylpyrrolidone	E1201	Food	✗		stabilizer
Ponceau 4R	Cochineal Red A, E124, Brilliant Scarlet 4R	Food	✗		artificial color
Potassium acetate	E261	Food	✓		preservative, acidulant
Potassium acid tartrate	Cream of tartar, E336, Potassium tartrates, Monopotassium tartrate, Monopotassium tartrate (cream of tartar)	Food	✓		emulsifier, nutrient, pH control agent

Name	Aliases	Type	Status	Qualifier	Functions
Potassium adipate	E357	Food	✓		pH control agent
Potassium alginate	E402	Food	✓		thickener, stabilizer, gelling agent
Potassium alum	Aluminum potassium sulfate	Food	✗		firming agent, astringent
Potassium aluminium silicate	E555	Food	✓		anti-caking agent
Potassium aluminum silicate	Alias of Mica	Food	✓		colorant
Potassium benzoate	E212	Food	✗		preservative
Potassium bicarbonate	Alias of Potassium Carbonate	Food	✓		leavening agent, nutrient, pH control agent
Potassium bisulfates	Alias of Potassium sulfate	Food	✓		flavoring agent, Fermentation aid
Potassium bisulfite	E228, Potassium hydrogen sulfite	Food	✗	Exception: Acceptable in wines, meads, ciders and CV grapes.	anti-microbial
Potassium bromate		Food	✗		
Potassium Carbonate	Potassium bicarbonate, E501, Potassium hydrogen carbonate	Food	✓		leavening agent, nutrient, pH control agent
Potassium chloride	E508	Food	✓		enzyme, flavoring agent, fermenting agent, gelling agent
Potassium citrate	E332, Monopotassium citrate, Tripotassium citrate	Food	✓		emulsifier, flavoring agent, nutrient, acidulant
Potassium ferrocyanide	E536	Food	✓		anti-caking agent
Potassium gluconate	E577	Food	✓		nutrient, sequestrant
Potassium hydrogen carbonate	Alias of Potassium Carbonate	Food	✓		leavening agent, nutrient, pH control agent
Potassium hydrogen sulfite	Alias of Potassium bisulfite	Food	✗	Exception: Acceptable in wines, meads, ciders and CV grapes.	anti-microbial
Potassium hydroxide	E525	Food	✓		fumigant, pH control agent, stabilizer
Potassium iodide		Food	✓		
Potassium lactate	E326	Food	✓		flavoring agent, acidulant, antioxidant
Potassium malate	E351	Food	✓		pH control agent
Potassium metabisulfite	E224	Food	✗	Exception: Acceptable in wines, meads, ciders and CV grapes.	
Potassium nitrate	E252, Saltpetre	Food	✗		preservative, active

Name	Aliases	Type	Status	Qualifier	Functions
Potassium nitrite	E249	Food	✗		anti-microbial, antioxidant, colorant, flavoring agent, preservative
Potassium phosphate	Monopotassium phosphate, Dipotassium phosphate, E340, Tripotassium phosphate	Food	✓		Fermentation aid, nutrient, pH control agent, stabilizer, antioxidant
Potassium propionate	E283	Food	✗		preservative
Potassium sorbate	E202	Food	✗		preservative
Potassium sulfate	E515, Potassium bisulfates	Food	✓		flavoring agent, Fermentation aid
Potassium tartrates	Alias of Potassium acid tartrate	Food	✓		emulsifier, nutrient, pH control agent
Potato protein isolate		Food	✓		texturizer, protein, binder
PrawnFresh	Brand name for 4-Hexylresorcinol	Food	✓	Only allowed when used to treat shrimp. Not preferred.	antioxidant
Pregelatinized flours		Food	✓		
Processed eucheuma seaweed	E407a	Food	✓		thickener, stabilizer, gelling agent
Propane	E944	Food	✓	Acceptable as processing aid	propellant
Propane-1,2-diol	Alias of Propylene glycol	Food	✓		anti-caking agent, anti-microbial, antioxidant, drying agent, emulsifier
Propane-1,2-diol alginate	Alias of Propylene glycol alginate	Food	✓		thickener, stabilizer
Propane-1,2-Diol esters of fatty acids	Alias of Propylene glycol esters of fatty acids	Food	✗		
Propionates		Food	✗		
Propionic acid	E280	Food	✗		anti-microbial, flavoring agent, pH control agent, preservative
Propanoic acid	Alias of Calcium propionate	Food	✗		preservative
Propyl gallate	E310, E311	Food	✗		antioxidant, flavoring agent
Propylene glycol	E1520, Propane-1,2-diol	Food	✓		anti-caking agent, anti-microbial, antioxidant, drying agent, emulsifier
Propylene glycol alginate	Propane-1,2-diol alginate, E405	Food	✓		thickener, stabilizer
Propylene glycol esters of fatty acids	Propane-1,2-Diol esters of fatty acids, E477	Food	✗		

Name	Aliases	Type	Status	Qualifier	Functions
Propylene glycol monoester		Food	✓	Not preferred	humectant, emulsifier
Propylene oxide		Food	✗	inactive ingredient; use inconsistent with our Quality Standards	
Propylparaben		Food	✗		preservative
Pulegone, synthetic		Food	✗		artificial flavor
Pullulan	E1204	Food	✗		film former
Pyridine, synthetic		Food	✗		artificial flavor
Pyrophosphate		Food	✓		
Pyrophosphoric acid		Food	✓		
Quicklime (Burnt lime)	Alias of Calcium oxide	Food	✓		pH control agent
Quillaja extract	Soapbark (quillaja saponaria) extract, E999	Food	✓		flavoring agent, surfactant, emulsifier
Quinine		Food	✓		
Quinine hydrochloride, quinine sulfate		Food	✓		
Quinoa		Food	✓		
Quinoline yellow WS	E104	Food	✗		artificial color
Rapeseed oil		Food	✓		
Raw milk		Food	✗	Acceptable in cheeses aged over 60 days	
rBST (recombinant bovine somatotropin)		Food	✓	Please check any copy making rBST/rBGH-free claims with the QS team. Customers looking to avoid BST should look for organic or private label milk.	
Red palm oil		Food	✓		
Reishi		Food	✓	Must be GRAS or self-affirmed GRAS. Full dossier must be provided. All products require QS and Legal review.	mushroom

Name	Aliases	Type	Status	Qualifier	Functions
Resveratrol		Food	✓	Must be GRAS or self-affirmed GRAS. Full dossier must be provided. All products require QS and Legal review.	
Rhodiola	Rhodiola rosea	Food	✗		herb
Rhodiola rosea	Alias of Rhodiola	Food	✗		herb
Ribbon cane syrup		Food	✓		
Riboflavin	E101	Food	✓		
Riboflavin-5-ribosephosphate	E101a	Food	✓		artificial color
Rice Concentrate		Food	✓		
Rice syrup		Food	✓		
Rose	Rose petal	Food	✓		herb
Rose hips		Food	✓		herb
Rose petal	Alias of Rose	Food	✓		herb
Saccharin and its sodium, potassium and calcium salts	Saccharin, calcium salt, Saccharin, potassium salt	Food	✗		artificial sweetener
Saccharin, calcium salt	Alias of Saccharin and its sodium, potassium and calcium salts	Food	✗		artificial sweetener
Saccharin, potassium salt	Alias of Saccharin and its sodium, potassium and calcium salts	Food	✗		artificial sweetener
Saccharin, sodium salt	E954	Food	✗		artificial sweetener
Saccharomyces cerevisiae	Brewer's yeast, Baker's yeast	Food	✓		fungus
Sacha Inchi		Food	✓		herb
Salatrim (short and long chain acyl triglyceride molecule)		Food	✗		fat substitute
Salicornia powder		Food	✓		
Saltpetre	Alias of Potassium nitrate	Food	✗		preservative, active
Schisandra berries		Food	✓	Must be GRAS or self-affirmed GRAS. Full dossier must be provided. All products require QS and Legal review.	herb

Name	Aliases	Type	Status	Qualifier	Functions
Schisandra berries			✓		
Sea buckthorn	Hippophae rhamnoides L. [Elaeagnaceae]	Food	✓		herb
Shark cartilage		Food	✗		
Shea nut oil	Alias of Sheanut oil	Food	✓		fat, emollient
Sheanut oil	Shea nut oil	Food	✓		fat, emollient
Shellac, purified	E904	Food	✓		anti-caking agent, drying agent, humectant, glazing agent
Sheng jiang (fresh rhizome)	Alias of Ginger	Food	✓		herb
Shiitake	Lentinus edodes	Food	✓		
Shugr		Food	✗		
Shunthi (dried rhizome)	Alias of Ginger	Food	✓		herb
Siberian ginseng	Alias of Eleuthero	Food	✗	Must be GRAS or self-affirmed GRAS. Full dossier must be provided. All products require QS and Legal review. Allow for 20+ weeks onboarding time	herb
Siberian ginseng	Alias of Eleuthero	Food	✗	Must be GRAS or self-affirmed GRAS. Full dossier must be provided. All products require QS and Legal review. Allow for 20+ weeks onboarding time	herb
Silica	Alias of Silicon dioxide	Food	✓		anti-caking agent, colorant, drying agent, emulsifier
Silica gel	Alias of Silicon dioxide	Food	✓		anti-caking agent, colorant, drying agent, emulsifier
Silicic acid	Alias of Calcium silicate	Food	✓		anti-caking agent
Silicon dioxide	Silica, Silica gel, E551	Food	✓		anti-caking agent, colorant, drying agent, emulsifier

Name	Aliases	Type	Status	Qualifier	Functions
Silver	E174	Food	✗	Only allowed as a colorant in silver dragees (sub-ingredients in dragees must be compliant with our food ingredient QS.)	colorant
Silybum marianum	Alias of Milk thistle	Food	✓	allowed in alcoholic beverages as a bittering agent	herb
Smallanthus sonchifolius			✓		
Smallanthus sonchifolius	Alias of Yacon	Food	✓		root
Smoke flavor, natural		Food	✓		flavor
Smoke flavor, synthetic		Food	✗		flavor
Snow fungus	Alias of Tremella	Food	✓	Must be GRAS or self-affirmed GRAS. Full dossier must be provided. All products require QS and Legal review.	mushroom
Soapbark (quillaja saponaria) extract	Alias of Quillaja extract	Food	✓		flavoring agent, surfactant, emulsifier
Sodium acetate	E262, Sodium diacetate (sodium hydrogen acetate)	Food	✓		anti-microbial, flavoring agent, pH adjuster, preservative, acidulant
Sodium acid pyrophosphate	Disodium dihydrogen pyrophosphate, Disodium diphosphate, Disodium pyrophosphate, Disodium dihydrogen diphosphate	Food	✓		leavening agent
Sodium acid sulfate		Food	✗		
Sodium adipate	E356	Food	✓		pH control agent
Sodium alginate	E401	Food	✓		thickener, stabilizer, gelling agent, emulsifier
Sodium alum	Alias of Sodium aluminum sulfate	Food	✗		firming agent, astringent, anti-perspirant
Sodium aluminium phosphate	E541	Food	✓		emulsifier
Sodium aluminium silicate	Alias of Sodium Aluminosilicate	Food	✓		anti-caking agent, drying agent, humectant

Name	Aliases	Type	Status	Qualifier	Functions
Sodium Aluminosilicate	E554, Sodium aluminium silicate	Food	✓		anti-caking agent, drying agent, humectant
Sodium aluminum phosphate		Food	✗		
Sodium aluminum sulfate	Aluminum sulfate, Burnt alum, Sodium alum	Food	✗		firming agent, astringent, anti-perspirant
Sodium ascorbate	E301	Food	✓		
Sodium benzoate	E211	Food	✗		preservative
Sodium bicarbonate	Alias of Sodium carbonate	Food	✓		leavening agent, pH control agent
Sodium bisulfite	E222, Sodium hydrogen sulphite	Food	✗	Exception: Acceptable in wines, meads, ciders and CV grapes.	anti-microbial, antioxidant, colorant, dough conditioner
Sodium carbonate	Sodium sesquicarbonate, Sodium hydrogen carbonate, Sodium bicarbonate, E500	Food	✓		leavening agent, pH control agent
Sodium carboxymethyl cellulose	Alias of Carboxymethyl cellulose	Food	✓		anti-caking agent, emulsifier, stabilizer, humectant
Sodium caseinate		Food	✓		
Sodium chloride		Food	✓		
Sodium citrate	Trisodium citrate, E331, Monosodium citrate, Disodium citrate	Food	✓		colorant, emulsifier, flavoring agent, Fermentation aid, nutrient, acidulant
Sodium copper chlorophyllin		Food	✓		
Sodium cyclamate	Alias of Cyclamate	Food	✗		artificial sweetener
Sodium diacetate		Food	✗		
Sodium diacetate (sodium hydrogen acetate)	Alias of Sodium acetate	Food	✓		anti-microbial, flavoring agent, pH adjuster, preservative, acidulant
Sodium erythorbate	E316	Food	✓		anti-microbial, antioxidant, colorant, dough conditioner
Sodium ethyl p-hydroxybenzoate	Alias of Sodium ethyl para hydroxybenzoate	Food	✗		preservative
Sodium ethyl para hydroxybenzoate	Sodium ethyl p-hydroxybenzoate, E215	Food	✗		preservative
Sodium ferrocyanide	E535	Food	✓		anti-caking agent, emulsifier
Sodium gluconate	E576	Food	✓		skin conditioning agent, chelator, sequestrant
Sodium hexametaphosphate		Food	✓		

Name	Aliases	Type	Status	Qualifier	Functions
Sodium hydrogen carbonate	Alias of Sodium carbonate	Food	✓		leavening agent, pH control agent
Sodium hydrogen malate	Alias of Sodium malate	Food	✓		pH control agent
Sodium hydrogen sulphite	Alias of Sodium bisulfite	Food	✗	Exception: Acceptable in wines, meads, ciders and CV grapes.	anti-microbial, antioxidant, colorant, dough conditioner
Sodium hydroxide	E524	Food	✓		alkali, pH control agent
Sodium lactate	E325	Food	✓		anti-microbial, emulsifier, flavoring agent, acidulant
Sodium lauryl sulfate		Food	✗		
Sodium malate	E350, Sodium hydrogen malate	Food	✓		pH control agent
Sodium metabisulfite	E223	Food	✗	Exception: Acceptable in wines, meads, ciders and CV grapes.	
Sodium methyl p-hydroxybenzoate	E219, Sodium methyl para hydroxybenzoate	Food	✗		preservative
Sodium methyl para hydroxybenzoate	Alias of Sodium methyl p-hydroxybenzoate	Food	✗		preservative
Sodium nitrate, synthetic	E251, Chile saltpetre	Food	✗		preservative
Sodium nitrite, synthetic	E250	Food	✗		preservative
Sodium orthophenyl phenol	E232	Food	✗		preservative
Sodium phosphate	Trisodium phosphate, Disodium phosphate, E339, Monosodium Phosphate	Food	✓		antioxidant, emulsifier, thickener, leavening agent
Sodium polyphosphate		Food	✓		emulsifier
Sodium potassium tartrate	E337	Food	✓		pH control agent
Sodium propionate	E281	Food	✗		anti-microbial, flavoring agent, preservative
Sodium pyrophosphate		Food	✓		
Sodium selenite		Food	✓		supplement
Sodium sesquicarbonate	Alias of Sodium carbonate	Food	✓		leavening agent, pH control agent
Sodium silica aluminate		Food	✓		
Sodium silicoaluminate		Food	✓		
Sodium sorbate		Food	✗		preservative

Name	Aliases	Type	Status	Qualifier	Functions
Sodium starch octenylsuccinate		Food	✓		binder, viscosity controlling agent, absorbent, thickener, stabilizer, anti-static
Sodium stearoyl lactylate		Food	✗		
Sodium stearoyl-2-lactylate	E481	Food	✗		emulsifier
Sodium sulfite	E221	Food	✗	Exception: Acceptable in wines, meads, ciders and CV grapes.	
Sodium tartrate	E335, Monosodium tartrate, Disodium tartrate	Food	✓		acidulant
Sodium triphosphate (pentasodium triphosphate)	Alias of Triphosphate	Food	✓		emulsifier
Sodium tripolyphosphate	Alias of Polyphosphate	Food	✓	Sodium Tripolyphosphate is not acceptable in seafood.	emulsifier
Sodium, potassium and calcium salts of fatty acids	E470a	Food	✗		emulsifier, anti-caking agent
Solvent extracted oils		Food	✓	Grape seed oil is the only permitted standalone, individual oil. Solvent-extracted oils are allowed, but not encouraged, in multi-ingredient products.	
Sorbic acid	E200	Food	✗		preservative
Sorbitan monolaurate	E493	Food	✓		emulsifier
Sorbitan monooleate	E494	Food	✓		emulsifier
Sorbitan monopalmitate	E495	Food	✓		emulsifier
Sorbitan monostearate	E491	Food	✓		emulsifier
Sorbitan tristearate	E492	Food	✓		emulsifier
Sorbitol	E420, Sorbitol syrup	Food	✓		sweetener, emulsifier
Sorbitol syrup	Alias of Sorbitol	Food	✓		sweetener, emulsifier
Sorghum		Food	✓		
Soy leghemoglobin		Food	✗	Under review	
Soy protein isolates		Food	✓		

Name	Aliases	Type	Status	Qualifier	Functions
Soybean hemicellulose	E426	Food	✓		thickener, emulsifier, stabilizer, anti-caking agent
Soybean oil, hydrogenated or partially hydrogenated		Food	✗		oil, fat
Spirulina		Food	✓	Allowed as a colorant only.	colorant, antioxidant
Stannous chloride	E512	Food	✗		preservative, antioxidant
Starch acetate esterified with acetic anhydride	Alias of Acetylated starch	Food	✓		thickener, emulsifier
Starch aluminium octenyl succinate	Alias of Aluminum starch octenylsuccinate	Food	✗		stabilizer, anti-caking agent, absorbent
Starter distillate		Food	✓		
Stearyl tartrate	E483	Food	✗		emulsifier
Stevia		Food	✓		herb, sweetener
Stinging nettle		Food	✓		herb
Sucanat		Food	✓		
Succinic acid	E363	Food	✓		
Succistearin		Food	✗		emulsifier
Sucralose	E955	Food	✗		artificial sweetener
Sucroglycerides	E474	Food	✗		emulsifier
Sucrose		Food	✓		
Sucrose acetate isobutyrate	E444	Food	✗		emulsifier
Sucrose ester		Food	✗		
Sucrose esters of fatty acids	E473	Food	✗		
Sucrose polyester		Food	✗		
Sugar, white & brown		Food	✓		
Sulfite ammonia caramel	E150d	Food	✓	Not preferred	natural color
Sulfites		Food	✗	Exception: Acceptable in wines, meads, ciders and CV grapes.	
Sulfur dioxide	E220	Food	✗	Exception: Acceptable in wines, meads, ciders and CV grapes.	preservative, color retention agent
Sulfuric acid	E513	Food	✗		acidulant
Sumac		Food	✓		spice
Sunchoke			✓		

Name	Aliases	Type	Status	Qualifier	Functions
Sunchoke	Alias of Jerusalem artichoke	Food	✓		root
Sunflower oil		Food	✓		
Sunset Yellow FCF	Alias of FD&C Yellow No. 6	Food	✗		artificial color
Tagatose		Food	✗		sweetener
Talc	E553b	Food	✗		anti-caking agent, bulking agent, excipient, absorbent, opacifier
Tapioca syrup		Food	✓		sweetener
Tara gum	E417	Food	✓		thickener
Tart cherry		Food	✓		Fruit
Tartaric acid	Tartaric acid esters of mono- and diglycerides of fatty acids, Tartaric acid (L-(+)), E334	Food	✓		anti-caking agent, antioxidant, firming agent, flavoring agent, acidulant, drying agent
Tartaric acid (L-(+))	Alias of Tartaric acid	Food	✓		anti-caking agent, antioxidant, firming agent, flavoring agent, acidulant, drying agent
Tartaric acid esters of mono- and diglycerides of fatty acids	Alias of Tartaric acid	Food	✓		anti-caking agent, antioxidant, firming agent, flavoring agent, acidulant, drying agent
Tartrazine	Alias of FD&C Yellow No. 5	Food	✗		artificial color
Taurine		Food	✓		
TBHQ (tert-Butylhydroquinone)	E319	Food	✗		antioxidant
Tetrapotassium diphosphate	Alias of Diphosphate	Food	✓		emulsifier, stabilizer, pH control agent, sequestrant, leavening agent, dough conditioner
Tetrasodium EDTA		Food	✗		chelator, preservative, sequestrant
Tetrasodium pyrophosphate	Alias of Diphosphate	Food	✓		emulsifier, stabilizer, pH control agent, sequestrant, leavening agent, dough conditioner
Texturized vegetable protein	TVP	Food	✓		protein
Thaumatococcus	E957	Food	✓		
Thermally oxidized soya bean oil interacted with mono- and diglycerides of fatty acids	E479b	Food	✗		emulsifier
Thiamin mononitrate		Food	✓		
Thiodipropionic acid		Food	✗		antioxidant

Name	Aliases	Type	Status	Qualifier	Functions
Tiger nut		Food	✓		root
Titanium dioxide	E171	Food	✓		colorant, sunscreen
Tocopherols	E306, Vitamin E	Food	✓		
Toluene		Food	✗		
Tonka		Food	✗		
Trans fats		Food	✗	Naturally occurring trans fats, which are acceptable, may occasionally appear on the Nutrient Facts panel of products very rich in cream, butter or meat.	
Transglutaminase		Food	✓	Not acceptable in meat and seafood products.	binder, enzyme
Treacle	Alias of Molasses	Food	✓		
Trehalose		Food	✓		
Tremella	Tremella fuciformis Berk. [Tremellaceae], Tremella fuciformis, Snow fungus	Food	✓	Must be GRAS or self-affirmed GRAS. Full dossier must be provided. All products require QS and Legal review.	mushroom
Tremella fuciformis	Alias of Tremella	Food	✓	Must be GRAS or self-affirmed GRAS. Full dossier must be provided. All products require QS and Legal review.	mushroom
Tremella fuciformis Berk. [Tremellaceae]	Alias of Tremella	Food	✓	Must be GRAS or self-affirmed GRAS. Full dossier must be provided. All products require QS and Legal review.	mushroom
Triacetin	Brand name for Glyceryl triacetate	Food	✓	Only acceptable in natural flavors	
Triammonium citrate	E380	Food	✗		pH control agent
Tricalcium citrate	Alias of Calcium citrate	Food	✓		mineral, acidulant
Tricalcium phosphate	Alias of Calcium phosphate	Food	✓		anti-caking agent, firming agent
Triclosan		Food	✗		

Name	Aliases	Type	Status	Qualifier	Functions
Triethyl citrate	E1505	Food	✓	acceptable in egg white products only	anti-foaming agent, foaming agent
Triphosphate	E451, Sodium triphosphate (pentasodium triphosphate), Pentapotassium triphosphate	Food	✓		emulsifier
Tripotassium citrate	Alias of Potassium citrate	Food	✓		emulsifier, flavoring agent, nutrient, acidulant
Tripotassium phosphate	Alias of Potassium phosphate	Food	✓		Fermentation aid, nutrient, pH control agent, stabilizer, antioxidant
Trisodium citrate	Alias of Sodium citrate	Food	✓		colorant, emulsifier, flavoring agent, Fermentation aid, nutrient, acidulant
Trisodium diphosphate	Alias of Diphosphate	Food	✓		emulsifier, stabilizer, pH control agent, sequestrant, leavening agent, dough conditioner
Trisodium phosphate	Alias of Sodium phosphate	Food	✓		antioxidant, emulsifier, thickener, leavening agent
Truffle flavor		Food	✓	Must be natural per 21 CFR 101.22. Acceptable documentation is listed in Truffle Oil ROCK entry.	flavor
Truffle Oil	Truffle salt	Food	✓	Must be flavored with natural flavoring agent. Acceptable documentation is listed in Truffle Oil ROCK entry.	oil
Truffle salt	Alias of Truffle Oil	Food	✓	Must be flavored with natural flavoring agent. Acceptable documentation is listed in Truffle Oil ROCK entry.	oil
Tulsi	Alias of Holy basil	Food	✓		herb
Turkey Tail		Food	✓	Must be GRAS or self-affirmed GRAS. Full dossier must be provided. All products require QS and Legal review.	mushroom

Name	Aliases	Type	Status	Qualifier	Functions
Turmeric		Food	✓		herb
TVP	Alias of Texturized vegetable protein	Food	✓		protein
Urea	Carbamide, E927b	Food	✗		buffer, humectant, skin conditioning agent
Vaccinium myrtillus L. [Ericaceae]	Alias of Bilberry	Food	✓		Fruit
Valerian		Food	✗		herb
Vanillin		Food	✗	Acceptable if there is documentation to show the source is natural. Requires QS review. For more info, see: http://rock/?p=1100	
Veal		Food	✓		
Vegetable Carbon	E153	Food	✗		artificial color
Vegetable glycerin		Food	✓		
Vegetable gums		Food	✓		
Vegetable oils		Food	✓	Standalone, individual oils (e.g. a bottle of canola oil) must be expeller-pressed (except grapeseed). Solvent-extracted oils are allowed, but not encouraged, in multi-ingredient products. Hydrogenated oils prohibited.	
Velcorin	Brand name for Dimethyl dicarbonate	Food	✓	Only allowed as a processing aid in alcoholic beverages. No other uses are approved.	preservative
Verjus		Food	✓	Only allowed if there are no added sulfites.	
Vinegar salts	Alias of Calcium acetate	Food	✓		preservative, acidulant
Vital wheat gluten		Food	✓		
Vitamin A palmitate		Food	✓		
Vitamin E	Alias of Tocopherols	Food	✓		

Name	Aliases	Type	Status	Qualifier	Functions
Vitamin K	Alias of Phylloquinone	Food	✓		vitamin
Water lentil (Lemnaceae) protein concentrate	LENTEIN Protein Concentrate	Food	✓		protein
Wellmune	Alias of Yeast beta glucan	Food	✓		fiber
Wheat starch		Food	✓		
Whey		Food	✓		protein
Whole algal flour		Food	✓	only acceptable in vendor-branded products; not acceptable in private label/exclusive brands, store-made or WFM facility-made products.	
Whole algal protein		Food	✓	only acceptable in vendor-branded products; not acceptable in private label/exclusive brands, store-made or WFM facility-made products.	
Withania somnifera	Alias of Ashwagandha	Food	✓	Must be GRAS or self-affirmed GRAS. Full dossier must be provided. All products require QS and Legal review. Products require a pregnancy advisory.	herb
Xanthan gum	E415	Food	✓		thickener
Xylitol	E967	Food	✓		sweetener
Yacon	Smallanthus sonchifolius	Food	✓		root
Yaupon		Food	✓	products are required to meet WFM's caffeine labeling standard	herb
Yeast		Food	✓		
Yeast beta glucan	Wellmune	Food	✓		fiber
Yeast extract		Food	✓		
Yellow prussiate of soda		Food	✓		
Zinc acetate	E650	Food	✗		flavor enhancer

Name	Aliases	Type	Status	Qualifier	Functions
Zinc Gluconate		Food	✓		
Zinc sulfate		Food	✓		
Zingiber officinale Roscoe [Zingiberaceae]	Alias of Ginger	Food	✓		herb
Ziziphus jujuba Mill. [Rhamnaceae]	Alias of Jujube	Food	✓		Fruit