

Approved Compound Comparison Between U.S. and Japan

Compound	FSIS 7120.1	US-GRAS	Japan Designated	Japan Existing
(3-Amino-3-carboxypropyl) dimethylsulfonium chloride			X	
1,8-Cineole (Eucalyptol)			X	
1-hydroxyethylidene-1,1-diphosphonic acid (HEDP)	X		X	
1-Penten-3-ol			X	
2-(3-Phenylpropyl)pyridine			X	
2,3,5,6-Tetramethylpyrazine (ligustrazine)			X	
2,3,5-Trimethylpyrazine			X	
2,3-Dimethylpyrazine			X	
2,5-Dimethylpyrazine			X	
2,6-Dimethylpyrazine			X	
2-Ethyl-3-methylpyrazine			X	
2-Ethyl-5-methylpyrazine			X	
2-Ethyl-6-methylpyrazine			X	
2-Ethylpyrazine			X	
2-Methylbutanol			X	
2-Methylbutyraldehyde			X	
2-Methylpyrazine			X	
2-Pentanol (sec -Amyl alcohol)			X	
3-Ethylpyrazine			X	
3-Methyl-2-butanol			X	
5,6,7,8-Tetrahydroquinoxaline			X	
5'-Cytidylic acid (Cytidine monophosphate)				X
5'-Deaminase				X
5-Ethyl-2-methylpyrazine			X	
5-Methylquinoxaline			X	
6-Methylquinoline (Quinoline)			X	
Absinth extract				X
Acesulfame Potassium			X	
Acetaldehyde			X	
Acetic Acid	X	X	X	
Acetic Acid, Glacial			X	
Acetophenone			X	
Acetylated Distarch Adipate		X	X	
Acetylated Distarch Phosphate		X	X	
Acetylated Oxidized Starch			X	
Acid clay				X
Acid phosphatase				X
Actinidine				X
Activated acid clay				X
Activated charcoal (activated carbon)	X			X
Acylase				X
Adenosine 5'-monophosphoric acid (AMP) (5'-Adenylic acid)	X			X
Adipic Acid		X	X	
Agarase				X
Agrobacterium succinoglycan				X
Algal oil	X			
Alginate lyase				X
Alginic acid				X
Aliphatic Higher Alcohols Ref.			X	
Aliphatic Higher Aldehydes (except those generally recognized as highly toxic) Ref.			X	

Aliphatic Higher Hydrocarbons (except those generally recognized as highly toxic) Ref.			x	
Alkyl polyglycosides	x			
all-rac- α -Tocopheryl Acetate		x	x	
Allyl Cyclohexylpropionate			x	
Allyl Hexanoate (Allyl Caproate)			x	
Allyl Isothiocyanate (Volatile Oil of Mustard)			x	
Aluminium				x
Aluminum Ammonium Sulfate (Crystal: Ammonium Alum, Desiccated: Burnt Ammonium Alum)		x	x	
Aluminum Potassium Sulfate (Crystal: Alum or Potassium Alum, Desiccated: Burnt Alum)		x	x	
Amino acid-sugar reaction product				x
Aminopeptidase				x
ammonium	x			
Ammonium Alginate		x	x	
Ammonium Bicarbonate (Ammonium Hydrogen Carbonate)		x	x	
Ammonium Carbonate		x	x	
Ammonium Chloride		x	x	
Ammonium Dihydrogen Phosphate (Ammonium Phosphate, Monobasic or Monoammonium Phosphate)		x	x	
Ammonium hydroxide	x	x		
Ammonium Isovalerate			x	
Ammonium Sulfate		x	x	
Amyl alcohol			x	
Anhydrous ammonia	x		x	
Anisaldehyde (<i>p</i> -Methoxybenzaldehyde)			x	
Annatto extract				x
Annatto powder	x			x
Anthocyanase				x
Arabino galactan				x
Aromatic Alcohols Ref.			x	
Aromatic Aldehydes (except those generally recognized as highly toxic) Ref.			x	
Artemisia sphaerocephala seed gum Artemisia seed gum				x
Ascorbate oxidase				x
Aspartame (α -L-Aspartyl-L-Phenylalanine Methyl Ester)			x	
Aspergillus terreus glycoprotein				x
Aureobasidium cultured solution				x
Bacillus natto gum				x
Bacteria cultures (of any kind)	x			
Bacteriophages (of any kind)	x			
Barley fiber	x			
Beef collagen	x		o	o
Beef protein	x		o	o
Bees wax		x		x
Beet red				x
Bentonite		x		x
Benzaldehyde			x	
benzoic acid	x	x	x	
Benzoyl Peroxide			x	
Benzyl Acetate			x	
Benzyl Alcohol			x	

Benzyl Propionate			x	
Betaine				x
BHA (butylated hydroxyanisole)	x	x	/	
BHT (butylated hydroxytoluene)	x	x	/	
Biotin (Vitamin B7)		x	x	
Bisbentiamine (Benzoylthiamine Disulfide)			x	
Bone carbon black				x
Bone charcoal				x
Brazilina licorice extract				x
Bromelain				x
Buckwheat ash extract				x
Butane				x
Butanol			x	
Butyl Acetate (Butyl ethanoate)			x	
Butyl Butyrate			x	
Butylamine			x	
Butyraldehyde			x	
Butyric Acid			x	
Cacao colour				x
Caffeine (extract)		x		x
Calcinated calcium				x
Calcium 5'-Ribonucleotide			x	
Calcium Alginate		x	x	
Calcium carbonate	x	x	x	
Calcium Carboxymethylcellulose (Calcium Cellulose Glycolate)			x	
Calcium chloride	x	x	x	
Calcium citrate	x	x	x	
Calcium Dihydrogen Phosphate (Calcium Phosphate, Monobasic)		x	x	
Calcium Dihydrogen Pyrophosphate (Acid Calcium Pyrophosphate)		x	x	
Calcium Disodium Ethylenediaminetetraacetate (Calcium Disodium EDTA)			x	
Calcium Gluconate		x	x	
Calcium Glycerophosphate		x	x	
Calcium Hydroxide (Slaked Lime)	x	x	x	
Calcium hypochlorite	x			
Calcium Lactate		x	x	
Calcium L-Ascorbate		x	x	
Calcium Monohydrogen Phosphate (Calcium Phosphate, Dibasic)		x	x	
Calcium Oxide			x	
Calcium Pantothenate		x	x	
Calcium Silicate		x	x	
Calcium Sorbate		x	x	
Calcium Stearate		x	x	
Calcium sulfate	x		x	
Candelilla wax				x
Cane wax				x
Canola Protein (CPI)	x			
Capsicum water-soluble extract				x
Caramel I (plain)		x		x
Caramel II (caustic sulfite process)				x
Caramel III (ammonia process)				x

Caramel ^{IV} (sulfite ammonia process)				x
Carbon Dioxide (Carbonic Acid, Gas)	x	x	x	
Carbon monoxide	x			
Carboxymethyl cellulose (cellulose gum)	x	x		
Carboxypeptidase enzyme	x			x
Carmine (cochineal)	x			
Carnauba wax, Brazil wax		x		x
Carob bean gum, Locust bean gum		x		x
Carob germ colour				x
Carrageenan	x	x		x
Carrot carotene		x		x
Carrot fiber	x			
Carthamus red				x
Carthamus yellow				x
Cassia gum				x
Catalase				x
Catechin				x
Cellulase				x
Charcoal				x
Chicle, Chiquibul, Crown gum, Nispero				x
Chilte				x
Chinese bayberry extract (Myrica rubra)				x
Chitin				x
Chitinase				x
Chitosan				x
Chitosanase				x
Chlorine dioxide	x			x
Chlorine gas	x			
Chlorophyll				x
Chlorophylline				x
Cholecalciferol (Vitamin D3)			x	
Cholesterol				x
Choline chloride	x	x		
Cinnamaldehyde (Cinnamic Aldehyde)			x	
Cinnamic Acid			x	
Cinnamyl Acetate			x	
Cinnamyl Alcohol (Cinnamic Alcohols)			x	
Citral			x	
Citric acid	x	x	x	
Citroglycerides	x			
Citronellal			x	
Citronellol			x	
Citronellyl Acetate			x	
Citronellyl Formate			x	
Citrus fiber	x			
Clove extract		x		x
Cochineal extract, Carminic acid				x
Coffee bean extract				x
Copper				x
Copper Gluconate		x	x	
Corn bran fiber	x			
Corn starch	x			
Cristobalite				x
Crude magnesium chloride (sea water)		x		x
Crude potassium chloride (sea water)		x		x

Cultured dextrose	x			
Cultured skim milk	x			
Cultured sugar	x			
Curdlan				x
Cyanocobalamin, Vitamin B12		x		x
Cyclodextrin				x
Cyclodextrin glucanotransferase				x
Cyclohexyl Acetate				x
Cyclohexyl Butyrate				x
DATEM (diacetyl tartaric acid esters of mono- and di-glycerides)	x			
DBDMH (1,3-dibromo-5,5-dimethyldantoin) listed as Hypobromous acid water	x		x	
d-Borneol			x	
Decanal (Decyl Aldehyde)			x	
Decanol (Decyl Alcohol)			x	
Depolymerized natural rubber				x
Dextran		x		x
Dextranase				x
Dextrose	x	x	o	o
Diacylglycerol oil	x			
Diammonium Hydrogen Phosphate (Diammonium Phosphate or Ammonium Phosphate, Dibasic)			x	
Diatomaceous earth		x		x
Dibenzoyl Thiamine			x	
Dibenzoyl Thiamine Hydrochloride			x	
Dicalcium phosphate	x			
Dimethylpolysiloxane (methyl polysilicone)	x			
Dipicolinic acid (DPA)	x			
Dipotassium Hydrogen Phosphate (Dipotassium Phosphate or Potassium Phosphate, Dibasic)			x	
Disodium 5'-Cytidylate (Sodium 5'-Cytidylate)			x	
Disodium 5'-Guanylate (Sodium 5'-Guanylate)			x	
Disodium 5'-Inosinate (Sodium 5'-Inosinate)			x	
Disodium 5'-Ribonucleotide (Sodium 5'-Ribonucleotide)			x	
Disodium 5'-Uridylate (Sodium 5'-Uridylate)			x	
Disodium Dihydrogen Pyrophosphate (Acid Disodium Pyrophosphate)			x	
Disodium DL-Tartrate (Disodium <i>dl</i> -Tartrate)			x	
Disodium Ethylenediaminetetraacetate (Disodium EDTA)			x	
Disodium Hydrogen Phosphate (Disodium Phosphate)			x	
Disodium L-Tartrate (Disodium <i>d</i> -Tartrate)			x	
Disodium Succinate			x	
Distarch Phosphate		x	x	
DL-Malic Acid (<i>dl</i> -Malic Acid)		x	x	
dl-Menthol (<i>dl</i> -Peppermint Camphor)			x	
DL-Methionine			x	
DL-Tartaric Acid (<i>dl</i> -Tartaric Acid)		x	x	
DL-Threonine			x	
DL-Tryptophan			x	
dl- α -Tocopherol		x	x	
D-Mannitol (D-Mannite)		x	x	
D-Sorbitol (D-Sorbit)		x	x	
Dunaliella carotene				x
D-Xylose				x

d-α-Tocopherol		x		x
d-γ-Tocopherol		x		x
d-δ-Tocopherol		x		x
Egg white lysozyme	x			
Elemi resin				x
Encapsulated sodium diacetate	x			
Enzymatically decomposed apple extract				x
Enzymatically decomposed lecithin				x
Enzymatically decomposed rice bran				x
Enzymatically decomposed rutin				x
Enzymatically hydrolyzed guar gum				x
Enzymatically hydrolyzed licorice extract				x
Enzymatically modified hesperidin				x
Enzymatically modified isoquercitrin				x
Enzymatically modified lecithin				x
Enzymatically modified naringin				x
Enzymatically modified rutin (extract)				x
Ergocalciferol (Calciferol or Vitamin D2)		x	x	
Erythorbic Acid (Isoascorbic Acid)	x	x	x	
Essential oil-removed fennel extract				x
Esterase			x	
Esters Ref.			x	
Ethers Ref.			x	
Ethyl Acetate			x	
Ethyl Acetoacetate			x	
Ethyl Butyrate			x	
Ethyl Cinnamate			x	
Ethyl Decanoate (Ethyl Caprate)			x	
Ethyl Heptanoate (Ethyl Enanthate)			x	
Ethyl Hexanoate (Ethyl Caproate)			x	
Ethyl Isovalerate			x	
Ethyl Octanoate (Ethyl Caprylate)			x	
Ethyl Phenylacetate			x	
Ethyl Propionate			x	
Ethylvanillin			x	
Eugenol			x	
Exomaltotetrahydrolase				x
Fatty Acids Ref.			x	
Ferric Ammonium Citrate		x	x	
Ferric Chloride		x	x	
Ferric Citrate		x	x	
Ferric Pyrophosphate		x	x	
Ferritin				x
Ferrous Sulfate		x	x	
Ferulic acid				x
Ficin				x
Fish oil concentrate	x			
Fish scale foil		x		x
Folic Acid			x	
Food Blue No.1 (Brilliant Blue FCF) and its Aluminum Lake			∖	
Food Blue No.2 (Indigo Carmine) and its Aluminum Lake			∖	
Food Green No.3 (Fast Green FCF) and its Aluminum Lake			∖	
Food Red No.102 (New Coccine)			∖	
Food Red No.104 (Phloxine)			∖	
Food Red No.105 (Rose Bengale)			∖	

Food Red No.106 (Acid Red)			/	
Food Red No.2 (Amaranth) and its Aluminum Lake			/	
Food Red No.3 (Erythrosine) and its Aluminum Lake			/	
Food Red No.40 (Allura Red AC) and its Aluminum Lake			/	
Food Yellow No.4 (Tartrazine) and its Aluminum Lake			/	
Food Yellow No.5 (Sunset Yellow FCF) and its Aluminum Lake			/	
Fractionated lecithin, Cephalin, Lipoinositol				x
Fructosyl transferase				x
Fukuronori extract				x
Fumaric Acid			x	
Furcellaran				x
Furfurals and its derivatives (except those generally recognized as highly toxic) Ref.			x	
Gallic acid		x		x
Gardenia blue				x
Gardenia red				x
Gardenia yellow				x
Garlic extract		x		
Gelatin spice sheets	x			
Gellan gum				x
Gentian root extract				x
Geraniol			x	
Geranyl Acetate			x	
Geranyl Formate			x	
Ginger extract				x
Glucanase				x
Glucoamylase				x
Gluconic Acid			x	
Glucono-delta-Lactone (Gluconolactone)	x		x	
Glucosamine				x
Glucose isomerase				x
Glucose oxidase	x			x
Glutaminase				x
Glycerol (Glycerin)	x	x	x	
Glycerol Esters of Fatty Acids			x	
Glycerophospholipid cholesterol acyltransferase (GCAT)	x			
Glycine			x	
Gold				x
Granite porphyry				x
Grape seed extract				x
Grape skin colour, Grape skin extract				x
Grape skin-derived substance				x
Grapefruit seed extract	x			x
Guajac resin (extract)				x
Guar gum	x	x		x
Guar powder	x			
Gum Arabic, Arabic gum, Acacia gum		x		x
Gum ghatti		x		x
Gutta hang kang				x
Gutta percha				x
Haematococcus algae colour				x
Hego-Ginkgo leaf extract				x
Helium		x		x
Heme iron				x

Hemicellulase				X
Heptane				X
Hesperidin, Vitamin P				X
Hesperidinase				X
Hexanoic Acid (Caproic Acid)			X	
High Test Hypochlorite			X	
Higher fatty acid				X
Hops beta acids	X			
Horseradish extract				X
Hyaluronic acid				X
Hydrochloric acid	X	X	X	
Hydrogen				X
Hydrogen peroxide (HP)	X	X	X	
Hydrolized Canola Protein (HCPI)	X			
Hydrolyzed gelatin	X			
Hydroxycitronellal			X	
Hydroxycitronellal Dimethylacetal			X	
Hydroxypropyl Cellulose			X	
Hydroxypropyl Distarch Phosphate		X	X	
Hydroxypropyl methylcellulose	X	X	X	
Hydroxypropyl Starch		X	X	
Hypobromous acid	X			
Hypochlorous acid	X			
Hypochlorous Acid Water			X	
Indoles and its derivatives			X	
Inositol		X		X
Inulin	X			
Inulinase				X
Invert sugar	X	X		
Invertase				X
Ion Exchange Resin			X	
Ionone			X	
Iron		X		X
Iron Lactate			X	
Isoamyl Acetate			X	
Isoamyl Butyrate			X	
Isoamyl Formate			X	
Isoamyl Isovalerate			X	
Isoamyl Phenylacetate			X	
Isoamyl Propionate			X	
Isoamylalcohol			X	
Isoamylase				X
Isobutanol			X	
Isobutyl Phenylacetate			X	
Isobutylaldehyde (Isobutanal)			X	
Isoeugenol			X	
Isomaltodextranase				X
Isopentylamine			X	
Isopropanol			X	
Isoquinoline			X	
Isothiocyanates (except those generally recognized as highly toxic) Ref.			X	
Isovaleraldehyde			X	
Itaconic acid				X
Jamaica quassia extract				X

Japan wax		x		x
Japanese persimmon colour				x
Jelutong				x
Jojoba wax				x
Kaoliang colour				x
Kaolin		x		x
Karaya gum		x		x
Ketones Ref.			x	
Konjac flour	x			
Kooroo colour, Matsudai colour				x
Lac colour				x
Lactic acid	x	x	x	
Lactoferrin	x			
Lactoferrin concentrates				x
Lactones (except those generally recognized as highly toxic) Ref.			x	
Lactoperoxidase				x
L-Alanine				x
Laminaria japonica (brown algae)	x			
Lanolin				x
L-Arabinose				x
L-Arginine	x			x
L-Arginine L-Glutamate			x	
L-Ascorbic Acid (Vitamin C)	x	x	x	
L-Ascorbic Acid 2-glucoside			x	
L-Ascorbic Palmitate (Vitamin C Palmitate)			x	
L-Ascorbic Stearate (Vitamin C Stearate)			x	
L-Asparagine				x
L-Aspartic acid				x
Lauramide arginine ethyl ester (LAE)	x			
L-Cystine				x
Leche de vaca				x
Lemon extract	x			
Levan				x
L-glutamic acid	x	x	x	
L-Glutamine				x
L-Histidine				x
L-Histidine Monohydrochloride			x	
L-Hydroxyproline				x
Licorice extract		x		x
Licorice oil extract				x
Linalool			x	
Linalyl Acetate			x	
Linseed gum, Linseed extract				x
Linter cellulose				x
Lipase				x
Lipoxygenase				x
L-Isoleucine			x	
L-Leucine				x
L-lysine	x			x
L-Lysine L-Aspartate			x	
L-Lysine L-Glutamate			x	
L-Lysine Monohydrochloride			x	
I-Menthol (Peppermint Camphor)			x	
I-Menthyl Acetate			x	

L-Methionine			x	
Logwood colour				x
Long chain triglycerides	x			
l-Perillaldehyde			x	
L-Phenylalanine			x	
L-Proline				x
L-Rhamnose				x
L-Serine				x
L-Sorbose		x		
L-Tartaric Acid (<i>d</i> -Tartaric Acid)		x	x	
L-Theanine			x	
L-Threonine			x	
L-Tryptophan			x	
L-Tyrosine				x
L-Valine			x	
Lysozyme				x
Macrophomopsis gum				x
Magnesium carbonate	x	x	x	
Magnesium Chloride		x	x	
Magnesium Hydroxide		x	x	
Magnesium Monohydrogen Phosphate			x	
Magnesium Oxide		x	x	
Magnesium Silicate		x	x	
Magnesium Sulfate		x	x	
Malic acid	x	x		
Maltodextrin	x		o	o
Maltol			x	
Maltose	x			
Maltose phosphorylase				x
Maltotriohydrolase				x
Mannentake extract				x
Marigold colour				x
Massaranduba balata				x
Massaranduba chocolate				x
Mastic gum				x
Medium chain triglycerides	x			
Melaleuca oil				x
Menaquinone(extract), Vitamin K2(extract)				x
Methyl Anthranilate			x	
Methyl Cinnamate			x	
Methyl Hesperidin (Soluble Vitamin P)			x	
Methyl N-Methylantranilate			x	
Methyl Salicylate			x	
Methyl β -Naphthyl Ketone			x	
Methyl β -Naphthyl Ketone			x	
Methylcellulose	x	x	x	
Mevalonic acid				x
Microcrystalline cellulose	x	x		x
Microcrystalline wax				x
Microfibrillated cellulose				x
Milt protein				x
Mixed tocopherols		x		x
Mixture of 2-Ethyl-3,5-dimethylpyrazine and 2-Ethyl-3,6-dimethylpyrazine			x	
Modified food starch (acetylated distarch adipate)	x		x	

Monascus colour				x
Monascus yellow				x
mono- and di-glycerides	x			
Monoammonium L-Glutamate		x	x	
Monocalcium Di-L-Glutamate			x	
Monomagnesium Di-L-Glutamate			x	
Monopotassium Citrate and Tripotassium Citrate			x	
Monopotassium L-Glutamate		x	x	
Monosodium Fumarate (Sodium Fumarate)			x	
Monosodium L-Aspartate			x	
Monosodium L-Glutamate		x	x	
Monosodium Succinate			x	
Monostarch Phosphate		x	x	
Mousouchiku dry distillate				x
Mousouchiku extract				x
MPEs (Meat Protein Extracts)	x			
Muramidase				x
Mustard extract				x
Myrrh				x
Naringin				x
Naringinase				x
Neotame			x	
Nickel		x		x
Nicotinamide (Niacinamide)		x	/	
Nicotinic Acid (Niacin)		x	/	
Niger gutta				x
Nisin	x		x	
Nitrogen				x
Nitrogen gas	x			
Non-calcinated calcium				x
Oat fiber	x			
Oat hull fiber	x			
Octanal (Capryl Aldehyde or Octyl Aldehyde)			x	
Octanoic acid	x		x	
Oleoresin black pepper	x			
Oligogalacturonic acid				x
Onion colour				x
Orange colour				x
Orange pulp	x			
Oregano extract	x			x
Oxalic Acid			x	
Oxidized Starch			x	
Oxygen				x
Ozokerite				x
Ozone	x			x
Palladium				x
Palm oil carotene				x
Pancreatin				x
Papain		x		x
Paprika colour, Paprika oleoresin				x
Paraffin wax				x
Pea fiber	x	x		
Pea protein proteolysate	x			
Peach gum				x
Pecan nut colour				x

Pectin	x	x		x
Pectin digests				x
Pectinase				x
Pepsin				x
Peptidase				x
Perilla extract				x
Perlite		x		x
Peroxidase				x
Peroxyacetic acid (PAA)	x		x	
Petroleum naphtha				x
Phaffia colour				x
Phellodendron bark extract				x
Phenethyl Acetate (Phenylethyl Acetate)			x	
Phenethylamine			x	
Phenol Ethers (except those generally recognized as highly toxic) Ref.			x	
Phenols (except those generally recognized as highly toxic) Ref.			x	
Phosphated Distarch Phosphate		x	x	
Phosphodiesterase				x
Phospholipase				x
Phosphoric acid	x	x	x	
Phytase				x
Phytic acid				x
Phytin (extract)				x
Piperidine			x	
Piperonal (Heliotropine)			x	
Platinum				x
Plum extract	x			
Plum fiber	x			
Plum powder	x			
Plum puree	x			
p-Methylacetophenone			x	
Polyglycerol ester	x			
Polyglycerol polyricinolein acid (PGPR)	x			
Polyphenol oxidase				x
Polysorbate 20, 60, 65, 80	x		x	
Polyvinylpyrrolidone			x	
Pork Collagen	x		o	o
Pork protein	x		o	o
Pork skin proteins	x		o	o
Potassium acetate	x			
Potassium Alginate		x	x	
Potassium bicarbonate	x	x		
Potassium Carbonate (anhydrous)	x	x	x	
Potassium chloride	x	x	x	
Potassium citrate	x	x		
Potassium diacetate	x			
Potassium Dihydrogen Phosphate (Monopotassium Phosphate)			x	
Potassium diphosphate	x			
Potassium DL-Bitartrate (Potassium Hydrogen DL-Tartrate or Potassium Hydrogen dl-Tartrate)			x	
Potassium erythorbate	x			
Potassium Gluconate		x	x	

Potassium Hydroxide (Caustic Potash)	x	x	x	
Potassium L-Bitartrate (Potassium Hydrogen L-Tartrate or Potassium Hydrogen <i>d</i> -Tartrate)			x	
Potassium magnesium chloride	x			
Potassium Metaphosphate			x	
Potassium Nitrate			x	
Potassium Norbixin			x	
Potassium Octanoate	x			
Potassium Polyphosphate			x	
Potassium propionate	x			
Potassium Pyrophosphate (Tetrapotassium Pyrophosphate)		x	x	
Potassium Pyrosulfite (Potassium Hydrogen Sulfite or Potassium Metabisulfite)		x	x	
Potassium sorbate	x	x	x	
Potassium triphosphate	x	x		
Potato fiber	x			
Potato protein isolate	x			
Potato starch	x	x		
Powdered bile				x
Powdered cellulose				x
Powdered rice hulls				x
Powdered stevia				x
Powdered sugar	x			
Propane				x
Propanol			x	
Propionaldehyde			x	
Propionic acid	x	x	x	
Propolis extract				x
Propylene glycol	x	x	x	
Propylene Glycol Alginate		x	x	
Propylene Glycol Esters of Fatty Acids		x	x	
Protease				x
Psyllium husk	x			
Psyllium seed gum				x
Pullulan				x
Pullulanase				x
Purple corn colour				x
Purple sweet potato colour				x
Purple yam colour				x
Pyridoxine Hydrochloride (Vitamin B6)		x	x	
Pyrrole			x	
Pyrrolidine			x	
Quercetin				x
Quicklime				x
Quillaia extract, Quillaja extract				x
R,R,R- α -Tocopheryl Acetate		x	x	
Rakanka extract				x
Redbark cinchona extract				x
Refined sea salt	x			
Rennet		x		x
Resin of depolymerized natural rubber				x
Rhamsan gum				x
Riboflavin (Vitamin B2)		x	x	

Riboflavin 5'-Phosphate Sodium (Riboflavin Phosphate Sodium, Vitamin B2 Phosphate Sodium)			x	
Riboflavin Tetrabutyrates (Vitamin B2 Tetrabutyrates)			x	
Rice bran	x			
Rice bran extract	x			
Rice bran oil extract				x
Rice bran wax				x
Rice protein	x			
Rice starch	x	x		
Rice straw ash extract				x
Roasted rice bran extract				x
Roasted soybean extract				x
Rosemary extract	x			x
Rosidin				x
Rosin				x
Rubber				x
Ruthenium				x
Rutin (extract)				x
Sage extract				x
Salmon oil	x			
Salt	x			
Sandalwood red				x
Seaweed ash extract				x
Sepiolite				x
Sesame seed oil unsaponified matter				x
Sesame straw ash extract				x
Shea nut colour				x
Shellac				x
Shellac wax				x
Silicon Dioxide (Silica Gel)	x	x	x	
Silicone Resin (Polydimethylsiloxane)			x	
Silver				x
Smoke flavourings	x			x
Sodium acetate	x	x	x	
Sodium alginate	x	x	x	
Sodium benzoate	x	x	x	
Sodium Bicarbonate (Bicarbonate Soda or Sodium Hydrogen Carbonate)	x	x	x	
Sodium bisulfate	x			
Sodium Carbonate (Crystal: Carbonate Soda, Anhydrous: Soda Ash)	x	x	x	
Sodium Carboxymethylcellulose (Sodium Cellulose Glycolate)	x	x	x	
Sodium Carboxymethylstarch			x	
Sodium Caseinate		x	x	
Sodium chloride-decreased brine (saline lake)	x	x		x
Sodium chlorite	x		x	
Sodium citrate	x	x	x	
Sodium diacetate	x	x	Δ	
Sodium Dihydrogen Phosphate (Monosodium Phosphate)			x	
Sodium diphosphates	x			
Sodium DL-Malate (Sodium dl-Malate)			x	
Sodium Erythorbate (Sodium Isoascorbate)	x	x	x	
Sodium ferrocyanide	x			

Sodium Ferrous Citrate (Sodium Iron Citrate)			x	
Sodium Gluconate	x	x	x	
Sodium hexametaphosphate	x	x		
Sodium Hydroxide (Caustic Soda)	x	x	x	
Sodium Hypochlorite (Hypochlorite of Soda)	x	x	x	
Sodium Iron Chlorophyllin			x	
Sodium Lactate			x	
Sodium L-Ascorbate (Vitamin C Sodium)	x	x	x	
Sodium Metaphosphate		x	x	
Sodium metasilicate	x			
Sodium Methoxide (Sodium Methylate)			x	
Sodium Nitrate			x	
Sodium nitrite	x		x	
Sodium Norbixin			x	
Sodium octanoate	x			
Sodium Pantothenate		x	x	
Sodium phosphate	x	x		
Sodium Polyacrylate			x	
Sodium Polyphosphate			x	
Sodium propionate	x	x	x	
Sodium Pyrophosphate (Tetrasodium Pyrophosphate)	x	x	x	
Sodium Pyrosulfite (Sodium Metabisulfite, Acid Sulfite of Soda)		x	x	
Sodium Saccharin (Soluble Saccharin)			x	
Sodium Stearoyl Lactylate			x	
Sodium sulfate	x		x	
Sodium Sulfite		x	x	
Sodium tripolyphosphate	x	x		
Sorbic acid	x	x	x	
Sorbitan Esters of Fatty Acids			x	
Sorva, Leche capsi				x
Sorvinha				x
Soy fiber (okara)	x			
Soybean oil	x	x		
Soybean saponin				x
Sphingolipid				x
Spice extracts				x
Spirulina colour				x
Starch Acetate		x	x	
Starch Sodium Octenyl Succinate		x	x	
Stearadonic acid (SDA) soybean oil	x			
Stevia extract				x
Succinic Acid		x	x	
Sucralose (Trichlorogalactosucrose)	x		x	
Sucrose Esters of Fatty Acids			x	
Sugar beet fiber	x			
Sulfur Dioxide (Sulfurous Acid, Anhydride)		x	x	
Sulfuric acid	x	x	x	
Sunflower lecithin	x		x	
Sunflower oil	x			
Sunflower seed extract				x
Talc		x		x
Tamarind colour				x
Tamarind seed gum				x
Tannase				x

Tannin (extract)				x
Tara gum				x
Taurine (extract)				x
Tea dry distillate				x
Tea extract				x
Terpene Hydrocarbons Ref.			x	
Terpineol			x	
Terpinyl Acetate			x	
Thaumatococin				x
Theobromine				x
Thiamine Dicylsulfate (Vitamin B1 Dicylsulfate)			x	
Thiamine Dilaurylsulfate (Vitamin B1 Dilaurylsulfate)			x	
Thiamine Hydrochloride (Vitamin B1 Hydrochloride)		x	x	
Thiamine Mononitrate (Vitamin B1 Mononitrate)		x	x	
Thiamine Naphthalene-1,5-Disulfonate (Vitamin B1 Naphthalene-1,5-Disulfonate)			x	
Thiamine Thiocyanate (Vitamin B1 Thiocyanate)			x	
Thioethers (except those generally recognized as highly toxic) Ref.			x	
Thiols (Thioalcohols) (except those generally recognized as highly toxic) Ref.			x	
Thujaplicin (extract), Hinokitiol (extract)				x
Timber ash				x
Timber ash extract				x
Titanium Dioxide			x	
Tocotrienol				x
Tomato lycopene extract and concentrate	x			
Tororoaoi				x
Tragacanth gum		x		x
Transglucosidase				x
Transglutaminase enzyme	x			x
Trehalose	x			x
Trehalose phosphorylase				x
Tricalcium Phosphate (Calcium Phosphate, Tribasic)	x		x	
Triethyl Citrate			x	
Trimagnesium Phosphate			x	
Trimethylamine			x	
Tripotassium Phosphate (Potassium Phosphate, Tribasic)	x		x	
Trisodium Citrate (Sodium Citrate)			x	
Trisodium Phosphate (Sodium Phosphate, Tribasic)	x		x	
Trypsin				x
Tuna oil	x			
Tunu				x
Turmeric oleoresin Curcumin				x
Urease				x
Urushi Wax				x
Valeraldehyde			x	
Vanillin			x	
Vegetable carbon black				x
Vegetable Juice color	x			
Vegetable lecithin				x
Vegetable sterol				x
Venezuelan chicle				x
Vermiculite				x

Vitamin A (Retinol)		x	x	
Vitamin A Fatty Acids Esters (Retinol Esters of Fatty Acids Esters)		x	x	
Welan gum				x
Whey protein concentrate	x			
Wood chip				x
Xanthan gum	x			x
Xylanase				x
Xylitol			x	
Yeast cell wall				x
Yolk lecithin				x
Yucca foam extract, Yucca joshua tree				x
Zein				x
Zeolite				x
Zinc Gluconate		x	x	
α -Acetolactate decarboxylase				x
α -Amylase				x
α -Amylcinnamaldehyde (α -Amylcinnamic Aldehyde)			x	
α -Galactosidase				x
α -Glucosidase				x
α -Glucosyltransferase treated stevia				x
α -Glucosyltransferase, 4- α -Glucanotransferase, 6- α -Glucanotransferase				x
β -Amylase				x
β -Carotene		x	x	
β -Galactosidase (Lactase)				x
β -Glucosidase				x
γ -Nonalactone (Nonalactone)			x	
γ -Oryzanol				x
γ -Undecalactone (Undecalactone)			x	
ϵ -Polylysine				x

LEGEND
\ = listed but not permitted in meat
Δ = only permitted under certain conditions
Considered a meat product and approved for use in Japan
Listed as "food" and permitted for use in Japan