

Food, Beverage, Dietary Supplement & Pet Food Ingredient Standards

Item Name	Status	Qualifier	Functions
acesulfame-K (acesulfame potassium)	unacceptable		artificial sweetener
acetic acid	unacceptable	Acceptable in Supplements only	flavoring agent, acidulant
Acetone	unacceptable		solvent, color diluent and flavor enhancer
acetylated esters of mono- and diglycerides	unacceptable		emulsifier
adipic acid	unacceptable	Acceptable in Supplements only	flavoring agent, leavening agent, pH control agent
aerosol sprays	unacceptable		propellant
agar gum	acceptable		gelling agent
Alcohol in Foods	acceptable	Only acceptable if free of artificial color and flavor.	
algin	acceptable		stabilizer, thickener
alginic acid	acceptable		thickener, gelling agent
allyl isothiocyanate (synthetic version)	unacceptable	Ho	flavoring
alpha tocopherol	acceptable		nutrient, antioxidant
alpha tocopherol acetate	acceptable		nutrient, antioxidant
aluminum sulfate	unacceptable	Also known as sodium aluminum sulfate or burnt alum	leavening agent
ammonium bicarbonate	acceptable		leavening agent
ammonium chloride	unacceptable		fermentation enhancer
ammonium phosphate	acceptable		dough strengthener, leavening agent
ammonium sulfate	unacceptable		fermentation enhancer
amylase	acceptable		enzyme
Analgesics	acceptable		
anhydrous milk fat	acceptable		fat
Anisole	unacceptable		solvent, flavor ingredient
annatto	acceptable		natural color
artificial colors	unacceptable		artificial color
artificial flavors	unacceptable		artificial flavor
ascorbates	acceptable		nutrient, antioxidant
ascorbic acid	acceptable		nutrient, dough conditioner, antioxidant
ascorbyl palmitate	acceptable		antioxidant
aspartame	unacceptable		artificial sweetener
Aspartic Acid	acceptable		
autolyzed yeast extract	acceptable		flavor enhancer
Azo dyes	unacceptable		colorant (artificial)
azodicarbonamide	unacceptable		dough conditioner
baking powder	acceptable		leavener
barley malt	acceptable		sweetener
benzoates in food	unacceptable	Permitted in Dietary supplements upon approval	preservative
benzoyl peroxide	unacceptable		bleaching agent

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benzylparaben	unacceptable		preservative
beta-carotene	acceptable		nutrient, antioxidant, colorant
BHA (butylated hydroxyanisole)	unacceptable		antioxidant
BHT (butylated hydroxytoluene)	unacceptable		preservative
biotin	acceptable		nutrient
bleached flour	unacceptable		artificially aged flour
bromated flour	unacceptable		artificially aged and treated flour
brominated vegetable oil (BVO)	unacceptable		flavor carrier
BST (bovine somatotropin)	unacceptable		synthetic hormone
butylparaben	unacceptable		preservative
caffeine	acceptable	Must meet labeling and dosage guidelines.	stimulant
Calcium	acceptable		
Calcium ascorbate (Vitamin C)	acceptable		nutrient (Vitamin C)
calcium acetate	acceptable		mold control agent, sequestrant
calcium alginate	acceptable		stabilizer, thickener
Calcium ascorbate	acceptable		preservative
calcium bromate	unacceptable		dough conditioner, maturing/bleaching agent
calcium carbonate	acceptable		nutrient, anti-caking agent
calcium caseinate	acceptable		nutrient, whipping agent, binder
calcium chloride	acceptable		firming agent
calcium citrate	acceptable		firming agent, buffer, sequestrant
calcium diphosphate	acceptable		nutrient, ph adjuster
calcium disodium EDTA	unacceptable		antioxidant, sequestrant
calcium hydroxide	acceptable	Approved dependant on source	corn processing aid
calcium lactate	acceptable		stabilizer/texturizer, nutrient
calcium pantothenate	acceptable		nutrient
calcium peroxide	unacceptable		bleaching agent, dough conditioner
calcium phosphate	acceptable		nutrient, dough conditioner, acidulant, leavening agent
calcium propionate	unacceptable		antimycotic agent
calcium saccharin	unacceptable		artificial sweetener
calcium sorbate	unacceptable		preservative
calcium stearate	acceptable		anti-caking agent
calcium stearoyl-2-lactylate	unacceptable		emulsifier, dough conditioner
calcium sulfate	acceptable		dough conditioner, firming agent
Canola Oil	acceptable		oil
canthaxanthin	unacceptable		artificial color
caprocapylobehenin	unacceptable		fat substitute
caramel color - Class I	acceptable		Plain Caramel Colors
caramel color - Class II	unacceptable		Caustic Sulfite Caramel Colors
caramel color - Class III	unacceptable		Ammonia Caramel Colors
caramel color - Class IV	unacceptable		Sulfite Ammonia Caramel Colors
Carboxymethylcellulose	acceptable		stabilizer, fiber source, thickener

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carmine	unacceptable		colorant
carnauba wax	acceptable		
carob bean gum	acceptable		stabilizer, texturizer, thickener
carotene	acceptable		nutrient, natural color
carrageenan	acceptable	Not acceptable for Private Label	stabilizer
casein (milk protein)	acceptable		nutrient, emulsifier
cellulose	acceptable		stabilizer, fiber source, thickener
certified colors	unacceptable		artificial color
Cheese, Rennet and Coagulating Enzymes	acceptable		Coagulant
chicory syrup	acceptable		sweetener
chlorine in household products	acceptable		disinfectant, bleaching agent
chlorophyll	acceptable		natural color
chocolate liquor	acceptable		ingredient
Choline bitartrate	acceptable		nutrient
citric acid	acceptable		acidulant, antioxidant
cocoa processed with alkali	acceptable		flavoring
coconut oil	acceptable		emulsifier, fat
collagen	acceptable		nutrient
Corn Gluten	acceptable		ingredient
corn starch	acceptable		thickener
corn syrup	acceptable		sweetener, thickener
cottonseed oil	unacceptable		fat
cream of tartar	acceptable		acidulant, leavener
Crystalline Fructose	acceptable		sweetener
Cultured Corn Syrup	acceptable		mold inhibitor
cultured dextrose	acceptable		antimicrobial agent
Curcumin	acceptable		spice and colorant
cyclamates	unacceptable		artificial sweetener
cysteine (l-cysteine), as an additive	unacceptable		dough conditioner
DATEM (Diacetyltartaric and fatty acid esters)	unacceptable		emulsifier
Dextrin	acceptable		thickening agent, binder
dextrose	acceptable		sweetener, colorant
dicalcium phosphate	acceptable		nutrient, texturizer, dough conditioner
diethylhexyl	acceptable		prebiotic
Dimagnesium phosphate	acceptable		nutrient
dimethylpolysiloxane	unacceptable		antifoaming agent
dioctyl sodium sulfosuccinate	unacceptable		
dipotassium phosphate	acceptable		emulsifier, buffer
disodium calcium EDTA	unacceptable		antioxidant, sequestrant
disodium dihydrogen EDTA	unacceptable		sequestrant, preservative
disodium dihydrogen pyrophosphate	acceptable		stabilizer, emulsifier
disodium guanylate	unacceptable		flavor enhancer
disodium inosinate	unacceptable		flavor enhancer
disodium phosphate	acceptable		emulsifier, protein stabilizer, buffer

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dl-alpha tocopherol	acceptable		vitamin
DL-Malic Acid (for flavor)	unacceptable		flavoring agent
dl-methionine	acceptable		amino acid
D-Malic Acid (for flavor)	unacceptable		flavoring agent
dutch cocoa	acceptable		flavoring
egg albumin	acceptable		nutrient, whipping agent
erythorbic Acid/erythorbates	unacceptable		antioxidant, preservative
erythritol	acceptable		sweetener
erythrosine	unacceptable		artificial color
ethyl alcohol	acceptable		flavor carrier
ethyl vanillin	unacceptable		artificial flavor
Ethylene Diamine Tetraacetate (EDTA)	unacceptable		antioxidant, sequestrant
ethylene oxide	unacceptable		fumigant, preservative
ethylparaben	unacceptable		preservative
ethoxyquin	unacceptable		antioxidant
FD&C colors	unacceptable		artificial color
ferric phosphate	acceptable		mineral
ferrous gluconate	acceptable		nutrient, colorant
ferrous sulfate	acceptable		nutrient
Flavorings	acceptable	only if natural	flavoring
foie gras	unacceptable		duck liver pate
fractionated oils	acceptable		stabilized/separated oil
fractionated palm kernel oil	acceptable	Must be verified to be from sustainable source	stabilized/separated oil
Fructooligosaccharide	acceptable	include inulin, chicory root fiber, chicory fiber	fiber
fructose	acceptable		sweetener
fruit juice concentrates	acceptable		sweetener
fumaric acid	acceptable		acidulant
gardenia blue	unacceptable		coloring
gelatin	acceptable	Acceptable if there are no artificial flavors or colors.	gelling agent
Gellan gum	acceptable		thickener
gluconic acid	acceptable		pH adjuster
glucono delta-lactone	acceptable		acidulant, leavener
Glucose syrup	acceptable		sweetener
glycerin	acceptable		humectant, flavor & color solvent
gold leaf	unacceptable		colorant
Guanosine monophosphate (GMP)	unacceptable		flavor enhancer
guar gum	acceptable		filler, thickener, fiber
guarana	acceptable		stimulant
gum acacia	acceptable		stabilizer
gum arabic	acceptable		stabilizer, emulsifier
hexa-, hepta- and octa-esters of sucrose	unacceptable		fat substitute

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high fructose corn syrup	unacceptable		sweetener
Hijiki	unacceptable		sea vegetable
honey	acceptable		sweetener
hydrogenated fats	unacceptable		fat
hydrogenated starch hydrolysate	acceptable		sweetener, bulking agent
hydrolyzed plant protein	acceptable		flavor enhancer
hydrolyzed soy protein	acceptable		flavor enhancer
hydrolyzed vegetable protein	acceptable		flavor enhancer
Hydroxylated soy lecithin	acceptable		emulsifier, whipping agent
hydroxypropyl methylcellulose	acceptable		stabilizer, fiber source, thickener
IMP (disodium inosinate)	unacceptable		flavor enhancer
Inolens	acceptable		natural flavoring , preservative
Inosine monophosphate	unacceptable		flavor enhancer
Inositol	acceptable		nutrient (Vit B)
Inulin	acceptable		sweetener
invert sugar	acceptable		sweetener
invertase	acceptable		enzyme
Iodized Salt	unacceptable		Salt with iodine
iron oxide	unacceptable		artificial color
Irradiated Foods or ingredients	unacceptable		process
isolated soy protein	acceptable		nutrient, filler, binder
Isomalt	acceptable		sweetener
lactic acid	acceptable		antioxidant, acidulant
lactitol	acceptable		sweetener, bulking agent
lactose (milk sugar)	acceptable		crystalline control agent, sweetener, humectant
Lactose Monohydrate	acceptable		crystalline control agent, sweetener, humectant
lactylated esters of mono- and diglycerides	unacceptable		emulsifier
lead soldered cans	unacceptable	(not allowed in US-made products; affects imported foods)	packaging
lecithin	acceptable	Non GMO Only. Source must be confirmed for allergen purposes	emulsifier
levulose	acceptable		sweetener
Lipase	acceptable		enzyme
liquor, as an ingredient	acceptable	No artificial colors and flavors. These ingredients must be disclosed on the label, so examine with care.	ingredient
lo han	acceptable		sweetener
locust bean gum	acceptable		stabilizer, thickener
lycopene	acceptable		colorant

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Lysozyme (E 1105)	acceptable	must be labeled as containing Egg.	enzyme
Ma Huang	unacceptable		Stimulant
magnesium carbonate	acceptable		alkali, anticaking agent
magnesium chloride	acceptable		color retention agent, firming agent
magnesium stearate	acceptable		lubricant, binder
magnesium sulfate	acceptable		nutrient
malic acid	acceptable		acidulant
malt extract	acceptable		flavorant
malt syrup	acceptable		sweetener
maltitol	acceptable		sweetener
maltodextrin	acceptable	Non GMO Only	flavor, texturizer, dispersant
maltose	acceptable		sweetener
mannitol	acceptable		stabilizer, humectant, bulking agent, Nutritive Sweetener
medium chain triglycerides	acceptable	acceptable only if fatty acids are not hydrogenated	fat
methyl silicon	unacceptable		antifoaming agent, antisplattering agent
methylcellulose	acceptable		stabilizer, fiber source, thickener
Methylene Chloride	unacceptable		extraction solvent
methylparaben	unacceptable		preservative
microcrystalline cellulose	acceptable		stabilizer, filler, binder, anticaking agent
micro particularized whey protein derived fat substitute	unacceptable		fat substitute
Milk/Milk derivatives from cows treated with rBST	unacceptable		animal treatment
Mineral Oil	unacceptable		additive, processing aid
Modified Corn Starch	acceptable	Non-GMO Only	thickening agent
modified food starch	acceptable		stabilizer, thickener, binder
modified palm oil	acceptable	acceptable if not hydrogenated. Must be verified to be from sustainable source	fat
modified tapioca starch	acceptable		
mono- and diglycerides	acceptable	acceptable if fatty acids are not hydrogenated	emulsifier
monocalcium phosphate	acceptable		leavener
Monocalcium Phosphate Monohydrate	acceptable		leavening agent
Monopotassium phosphate	acceptable		neutralizing agent, buffer, sequestrant
monosodium glutamate (MSG)	unacceptable		flavor enhancer
Monosodium salts	unacceptable		acidulant
natamycin	unacceptable	May be permitted in yogurt/cheese upon approval	mold inhibitor
Natural Flavors	acceptable	Source must be verified	flavor

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Nature Identical Colors and Flavors	unacceptable		flavor, colorant
neotame	unacceptable		sweetener
Niacin	acceptable		vitamin
Niacinamide (vitamin B3)	acceptable		nutrient (Vit B)
nisin	acceptable		antimicrobial agent
nitrate	unacceptable	synthetic nitrates only	flavor, color retention agent, antioxidant
nitrite	unacceptable		flavor, color retention agent, antioxidant
NON-GRAS Ingredients	unacceptable		
oleoresin capsicum (red pepper)	acceptable	Must meet the FDA definition of 'natural flavor'	natural flavoring
oleoresin celery	acceptable	Must meet the FDA definition of 'natural flavor'	natural flavoring
oleoresin paprika	acceptable		seasoning, colorant
Olestra	unacceptable		fat substitute
Oxystearin	unacceptable		stabiliser (to prevent crystallisation in fats and oils)
palm kernel oil	acceptable	Must be verified to be from sustainable source	emulsifier, fat
Palm Oil	acceptable	Must be verified to be from sustainable source	fat, emulsifier
papain	acceptable		tenderizer
partially hydrogenated oil	unacceptable		fat
pectin	acceptable		stabilizer, thickener, gelling agent
Pepsin	acceptable		enzyme
Petroleum and Petroleum By-Products	unacceptable		Another name for mineral oil, used to extend shelf life, petroleum derived products used in food colorings
Phosphated Mono- and Diglycerides	acceptable	Acceptable if not hydrogenated.	emulsifier
Phosphates	acceptable		sequestrant, pH buffer
phosphoric acid	acceptable		acidulant
plant sterols	unacceptable	unacceptable unless specifically approved	nutrient
polydextrose	unacceptable		bulking agent
Polyethylene Glycol	unacceptable		food additive to preserve moisture and dissolve colors and flavors
polyglycerol esters of fatty acids	acceptable		emulsifiers
Polyglycerol Esters of Fatty Acids	unacceptable		synthetic emulsifier
Polyglycerol Polyricinoleate (PGPR)	unacceptable		synthetic emulsifier
polyorbate 60, 65, or 80	unacceptable		emulsifiers
Pomace Oil	unacceptable		Olive Oil refining waste
potassium acid tartrate	acceptable		acidulant, leavener
potassium benzoate	unacceptable		antimycotic agent
potassium bicarbonate	acceptable		leavener, alkali

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potassium bisulfite	unacceptable		color retention agent, antioxidant, preservative
potassium bromate	unacceptable		dough conditioner, flour maturing agent
potassium chloride	acceptable		nutrient, salt substitute
potassium citrate	acceptable		nutrient, pH control agent, buffer, sequestrant
potassium gluconate	acceptable		nutrient, sequestrant
potassium hydroxide (lye)	unacceptable		ph adjuster
potassium iodide	acceptable		nutrient
potassium lactate	acceptable		humectant, flavor enhancer
potassium metabisulfite	unacceptable		color retention agent, antioxidant, preservative
potassium nitrate	unacceptable		Preservative
potassium nitrite	unacceptable		Preservative
potassium phosphate	acceptable		texturizer, sequestrant
potassium sorbate	unacceptable	Unacceptable in Food - Acceptable in Pet Food and dietary supplements only.	antimycotic agent, preservative
potassium sulfate	acceptable		flavoring, water adjuster
pregelatinized flours	acceptable		ingredient
propionates	unacceptable		antimycotic agents
Propionic acid	unacceptable		mold inhibitor
propyl gallate	unacceptable		antioxidant
propylene glycol	unacceptable		humectant, flavor solvent
propylene glycol alginate	acceptable		thickening agent
propylene oxide	unacceptable		fumigant, preservative
propylparaben	unacceptable		preservative
pyrophosphate	acceptable		acidulant, sequestrant
pyrophosphoric acid	acceptable		acidulant, sequestrant
Quinine	acceptable		natural flavoring
quinine hydrochloride, quinine sulfate	acceptable		flavoring agent
red palm oil	acceptable	Must be verified to be from sustainable source	fat
ribbon cane syrup	acceptable		sweetener
riboflavin	acceptable		vitamin
Rice Concentrate	acceptable		anti-caking agent
rice syrup	acceptable		sweetener
saccharin	unacceptable		artificial sweetener
salicornia powder	acceptable		seaweed cell extract
Shark cartilage	unacceptable		supplement
shellac, purified	acceptable	Not acceptable for Vegan products	moisture retardant, filler, flavoring agent
shugr	unacceptable		sweetener
Silica gel	acceptable		Preservative
silicon dioxide	acceptable		anti-caking agent, carrier, dispersant
smoke flavoring, artificial	unacceptable		flavor

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smoke flavoring, natural	acceptable		flavor
sodium acetate	acceptable		flavoring agent, pH control agent
sodium acid pyrophosphate	unacceptable		leavening agent, buffer
sodium acid sulfate	unacceptable		acidulant
sodium alginate	acceptable		thickener, gelling agent
sodium aluminum phosphate	unacceptable		leavening agent
sodium aluminum sulfate	unacceptable		leavening agent
sodium ascorbate	acceptable		antioxidant
sodium benzoate	unacceptable		antimycotic agent, preservative
sodium bicarbonate	acceptable		leavening agent, buffer
sodium bisulfite	unacceptable		color retention agent, antioxidant, preservative
sodium carbonate	acceptable		ph adjuster
sodium carboxymethylcellulose	acceptable		stabilizer, fiber source, thickener
sodium caseinate	acceptable		nutrient, emulsifier, whipping agent
Sodium chloride	acceptable		seasoning, Preservative
sodium citrate	acceptable		emulsifier, whipping agent, sequestrant, buffer
Sodium Copper Chlorophyllin	acceptable		colorant
Sodium Diacetate	unacceptable		sequestrant, preservative
sodium diacetate	unacceptable		sequestrant, preservative
Sodium Erythorbate	unacceptable		antioxidant
sodium erythorbate	acceptable		antioxidant
sodium ferrocyanide	acceptable		anti-caking agent
sodium glutamate	unacceptable		
sodium hexametaphosphate	acceptable		emulsifier, texturizer, sequestrant
sodium hydrogen carbonate	acceptable		leavener
Sodium hydrogen sulfate	unacceptable		acidulant
sodium hydroxide (lye)	unacceptable		alkali
sodium lactate	acceptable		humectant, flavor enhancer
sodium lauryl sulfate	unacceptable		emulsifier
sodium metabisulfite	unacceptable		color retention agent, antioxidant, preservative
sodium nitrate/nitrite	unacceptable		flavor, color retention agent, antioxidant
sodium phosphate	acceptable		emulsifier, protein stabilizer, buffer
sodium propionate	unacceptable		antimycotic agent, preservative
sodium pyrophosphate	acceptable		leavening agent, sequestrant
Sodium selenite	acceptable		nutrient
sodium silica aluminate	acceptable		anticaking agent
sodium silicoaluminate	acceptable		buffer
sodium stearoyl-2-lactylate	unacceptable		emulsifier, dough conditioner, whipping agent
sodium sulfite	unacceptable		preservative
sodium tripolyphosphate	unacceptable		texturizer, sequestrant
Sodium Tripolyphosphate/Polyphosphate	unacceptable		texturizer, sequestrant

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solvent extracted oils, as standalone single-ingredient oils.	unacceptable	Exception: Grapeseed Oil. 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.	
sorbic acid	unacceptable		antimycotic agent, preservative
Sorbitan Monooleate	acceptable		surfactant, emulsifier
sorbitan monostearate	acceptable		emulsifier, thickener
Sorbitan Monostearate	unacceptable		surfactant
sorbitan tristearate	acceptable		emulsifier
sorbitol	acceptable		sweetener
sorghum	acceptable		sweetener
soy protein isolates	acceptable	Non-GMO Only	nutrient, filler, binder
Stannous Chloride	unacceptable		color retention and antioxidant
starter distillate	acceptable		flavor
stevia	acceptable		dietary supplement
Sucanat	acceptable		sweetener
succinic acid	acceptable		neutralizing agent, flavor enhancer
Sucralose	unacceptable		artificial sweetener
sucroglycerides	unacceptable		emulsifier, texturizer, thickener
sucrose	acceptable		sugar
Sucrose acetate isobutyrate	unacceptable		emulsifier
sucrose ester	unacceptable		fat substitute
sucrose polyester	unacceptable		fat substitute
sulfites	unacceptable		color retention agent, antioxidant, preservative
Sulfur Dioxide	unacceptable		preservative and antioxidant
Sulfuric acid	unacceptable		acidulant
tara gum	acceptable		stabilizer, thickener
tartaric acid	acceptable		acidulant
Taurine	acceptable		nutrient
TBHQ (tertiary butylhydroquinone)	unacceptable		antioxidant
tetrasodium EDTA	unacceptable		sequestrant, preservative
tetrasodium pyrophosphate	acceptable		leavening agent, sequestrant
texturized vegetable protein (TVP)	acceptable	acceptable if no artificial flavors/colors	soy protein meat substitute
Thaumatococcus	acceptable		flavoring agent, sweetener
thiamin mononitrate	acceptable		nutrient (vitamin B1)
titanium dioxide	acceptable		colorant
tocopherols	acceptable	Must be verified Non-GMO	nutrient (vitamin E), antioxidant

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Toluene	unacceptable		extraction solvent
tragacanth gum	acceptable		stabilizer, thickener
trans fats	unacceptable		fat
transglutaminase	unacceptable		enzyme
trehalose	acceptable		stabilizer, texturizer, sweetener
Triacetin; Glyceryl Triacetate	unacceptable		carrier for flavors and fragrances
tricalcium citrate	acceptable		firming agent, sequestrant, buffer
tricalcium phosphate	acceptable		nutrient, anti-caking agent, buffer
Triclosan	unacceptable		reduced or prevents bacterial contamination
triclosan	unacceptable		bactericide
triethyl citrate	unacceptable	Acceptable in Supplements only	surfactant
trisodium citrate	acceptable		firming agent, sequestrant, buffer
trisodium phosphate	acceptable		emulsifier
vanillin	unacceptable		artificial flavor
Veal	unacceptable		
vegetable gums	acceptable	Source must be verified	stabilizer, emulsifier, thickener
vegetable oil	acceptable	Source must be verified	oil
Vitamin A palmitate	acceptable		nutrient (Vit A)
vital wheat gluten	acceptable		dough conditioner
wheat starch / wheat starch gluten	acceptable		dough conditioner
whey	acceptable	rBGH-free claims must include required disclaimer.	nutrient, flavor, filler
xanthan gum	acceptable		stabilizer, emulsifier, thickener
xylitol	acceptable		sweetener
Yeast	acceptable		fermentation enhancer
yeast extract	acceptable		flavor enhancer
yellow prussiate of soda	acceptable		anti-caking agent
Zinc sulfate	acceptable		mineral supplement