

Voluntary Report – Voluntary - Public Distribution

Date: July 06, 2021

Report Number: CH2021-0081

Report Name: Chinese Feed Additive Catalog Re-Organized

Country: China - People's Republic of

Post: Beijing

Report Category: Grain and Feed, MISC-Commodity

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Report Highlights:

This report contains an unofficial translation of the 2021 version of “Approved Feed Additives”, which is a revision of the same document published in December 2013. The 2021 version consolidates six notices made by the Ministry of Agriculture and Rural Affairs (MARA) and the Ministry of Agriculture from July 2014 to November 2020. Companies interested in exporting feed additives to China must ensure their products are listed in “Approved Feed Additives” and also meet the facility registration requirements established by the General Administration of China Customs (GACC). For additives not listed, companies must complete MARA's approval process for new feed additives.

This unofficial translation is provided for reference, the original Chinese version should always be considered the final authority and can be found [here](#).

Unofficial Translation Begins

The "Catalogue of Feed Additives (2013)" was published on December 30, 2013 by the Announcement No. 2045 of the Ministry of Agriculture (MOA) and was implemented on February 1, 2014. It has been revised several times by the Ministry of Agriculture and Rural Affairs (MARA). According to the MOA's Announcement No. 2045 and subsequent revision announcements, the "Catalogue of Feed Additives" is organized and summarized as follows and will be updated in time according to the approval and revision status for all parties to consult.

Approved Feed Additives

Class	Common name of feed additive	Usage Scope
Amino Acids, their salts and analogues	L-Lysine, Liquid L-Lysine (L-Lysine: min. 50%), L-Lysine Monohydrochloride, L-Lysine Sulfate and its by-products from fermentation (Source: <i>Corynebacterium glutamicum</i> , <i>Brevibacterium lactofermentum</i> , L-Lysine: min. 51 %), DL-Methionine, L-Threonine, L-Tryptophan, L-Arginine, L-Arginine Monohydrochloride, Glycine, L-Tyrosine, L-Alanine, Aspartic Acid, L-Leucine, Isoleucine, L-Proline, Phenylalanine, Serine, L-Cysteine, L-Histidine, Glutamic Acid, Glutamine, Valine, Cystine, Taurine	All species or categories of animals
	Cysteamine Hydrochloride	Livestock, poultry
	L-Cysteine Monohydrochloride	Dogs, cats
	Methionine Hydroxy Analogue	Swine, chicken, cattle or aquaculture animals, dogs, cats, ducks
	Methionine Hydroxy Analogue Calcium	Swine, chicken, cattle or aquaculture animals, dogs, cats
	Isoperopyl Ester of Hydroxy Analogue of Methionine	Ruminant
	N-Hydroxymethyl Methionine Calcium	Ruminant
	1-Aminocyclopropane-1-Carboxylic Acid	Chicken

Vitamins, provitamins, chemically well-defined substances having a similar biological effect to vitamins	Vitamin A, Vitamin A Acetate, Retinol Palmitate, beta-Carotene, Thiamin Hydrochloride (Vitamin B1), Thiamin Mononitrate (Vitamin B1), Riboflavin (Vitamin B2), Pyridoxine Hydrochloride (Vitamin B6), Cyanocobalamin (Vitamin B12), L-Ascorbic Acid (Vitamin C), Calcium L-Ascorbate, Sodium L-Ascorbate, L-Ascorbyl-2-Phosphate, 6-Palmityl-L-Ascorbic Acid, Vitamin D2, Vitamin D3, Nature Vitamin E, dl-alpha-Tocopherol, dl-alpha-Tocopherol Acetate, Menadione Sodium Bisulfite (Vitamin K3), Menadione Dimethylpyrimidinol Bisulfite, Menadione Nicotinamide Bisulfite, Nicotinic Acid, Niacinamide, D-Pantothenyl Alcohol, D-Calcium Pantothenate, DL-Calcium Pantothenate, Folic Acid, D-Biotin, Choline Chloride, Inositol, L-Carnitine, L-Carnitine Hydrochloride, Betaine, Betaine Hydrochloride	All species or categories of animals
	25-Hydroxyl cholecalciferol (25-Hydroxy Vitamin D3)	Swine, poultry
	L-Carnitine- L-Tartrate	Pets
	Vitamin K1, Choline Bitartrate	Dogs, cats
Minerals and Their Complexes (or Chelates)	Sodium Chloride, Sodium Sulfate, Monosodium Phosphate, Disodium Phosphate, Monopotassium Phosphate, Dipotassium Phosphate, Calcium Carbonate, Calcium Chloride, Dicalcium Phosphate, Monocalcium Phosphate, Tricalcium Phosphate, Calcium Lactate, Calcium Gluconate, Magnesium Sulfate, Magnesium Oxide, Magnesium Chloride, Ferrous Citrate, Ferrous Fumarate, Ferrous Lactate, Ferrous Sulfate, Ferrous Chloride, Ferric Chloride, Ferrous Carbonate, Copper Chloride, Copper Sulfate, Basic Copper Chloride, Zinc Oxide, Zinc Chloride, Zinc Carbonate, Zinc Sulfate, Zinc Acetate, Basic Zinc Chloride, Manganese Chloride, Manganese Oxide, Manganese Sulfate, Manganese Carbonate, Manganese Phosphate (Dibasic), Potassium Iodide, Sodium Iodide, Potassium Iodate, Calcium Iodate, Cobalt Chloride, Cobalt Acetate, Cobalt Sulfate, Sodium Selenite, Sodium Molybdate, Copper Methionine Complex (or Chelate), Ferric Methionine Complex (or Chelate), Manganese Methionine Complex (or Chelate), Zinc Methionine Complex (or Chelate), Copper Lysine complex (or Chelate), Zinc Lysine Complex (or Chelate), Copper Glycine Complex (or Chelate), Ferrous Glycine Complex (or Chelate), Copper Yeast Complex, Ferrous Yeast Complex, Manganese Yeast Complex, Selenium Yeast Complex, Copper Amino Acid Complex (anion of any amino acid derived from hydrolysed plant protein), Iron Amino Acid Complex (anion of any amino acid derived from hydrolysed plant protein), Manganese Amino Acid Complex (anion of any amino acid derived from hydrolysed plant protein), Zinc Amino Acid Complex (anion of any amino acid derived from hydrolysed plant protein)	All species or categories of animals
	Copper Proteinate, Iron Proteinate, Zinc Proteinate, Manganese Proteinate	All species or categories of animals, not including ruminant

Zinc Methionine Hydroxy Analogue Complex (or Chelate), Manganese Methionine Hydroxy Analogue Complex (or Chelate), Copper Methionine Hydroxy Analogue Complex (or Chelate)	Dairy cow, beef cattle, poultry or swine
Chromium Nicotinate, Chromium Yeast Complex, Chromium Methionine Chelate, Chromium Tripicolinate	Swine, dogs, cats
Chromium Propionate, Zinc Glycinate	Swine, dogs, cats
Zinc Propionate	Swine, cattle or poultry
Potassium Sulfate,	Ruminant, Poultry, livestock
Iron Oxide, Copper Oxide	Ruminant
Cobalt Carbonate	Ruminant, dogs or cats

	Lathanum/Cerium Chintosan Chelates	Poultry, livestock, fish or shrimp
	Zinc Lactate (α-Hydroxy Propionic Acid Zinc)	Growing-Finishing swine, poultry, dogs, cats
	Copper Gluconate, Manganese Gluconate, Zinc Gluconate, Ferrous Gluconate, Ferric Pyrophosphate, Magnesium Carbonate, Calcium Glycinate, Ethylenediamine Dihydriodide (EDDI)	Dogs, cats
Enzymes	Amylase (Source: <i>Aspergillus niger</i> , <i>Bacillus amyloliquefaciens</i> , <i>Bacillus licheniformis</i> , <i>Bacillus subtilis</i> , <i>Trichoderma longibrachiatum</i> , <i>Aspergillus oryzae</i> , Barley malt, <i>Bacillus acidopullulyticus</i>)	Corn silage, corn, corn gluten feed, soybean meal, wheat, wheat middlings, barley, grain sorghum, oat, pea, tapioca, millet, rice
	α-Galactosidase (Source: <i>Aspergillus niger</i>)	Soybean meal
	Cellulase (Source: <i>Trichoderma longibrachiatum</i> , <i>Aspergillus niger</i> , <i>Humicola insolens</i> , <i>Penicillium fniculosum</i>)	Corn, barley, wheat, wheat bran, rye, grain sorghum
	P-Glucanase (Source: <i>Aspergillus niger</i> , <i>Bacillus subtilis</i> , <i>Trichoderma longibrachiatum</i> , <i>Penicillium funiculosum</i> , <i>Bacillus amyloliquefaciens</i> , <i>Aspergillus aculeatus</i>)	Wheat, barley, canola meal, wheat byproduct, oat groats, rye, triticale, grain sorghum
	Glucose Oxidase (Source: <i>Penicillium notatum</i> , <i>Aspergillus niger</i>)	Glucose
	Lipase (Source: <i>Aspergillus niger</i> , <i>Aspergillus oryzae</i>)	Plant and animal sources of fats and
	Maltase (Source: <i>Bacillus subtilis</i>)	maltose

	P-Mannanase (Source: <i>Bacillus lentus</i> , <i>Aspergillus niger</i> , <i>Trichoderma longibrachiatum</i>)	Corn, soybean meal, guar meal
	P-Galactosidase (Source: <i>Aspergillus niger</i>), Bromelain (Source: <i>Ananas spp.</i>), Papain (Source: <i>Carica papaya L.</i>), Pepsin (Source: Hog, Calf, Goat (kid) or Poultry Stomach), Typsin (Source: Porcine or Bovine Pancreas)	Dogs, cats
	Pectinase (Source: <i>Aspergillus niger</i> , <i>Aspergillus aculeatus</i>)	Corn, wheat
	Phytase (Source: <i>Aspergillus niger</i> , <i>Aspergillus oryzae</i> , <i>Trichoderma longibrachiatum</i> ³ , <i>Pichia pastoris</i>)	Vegetable seeds which contain phytic acids such as Corn and soybean
	Protease (Source: <i>Aspergillus niger</i> , <i>Aspergillus oryzae</i> , <i>Bacillus subtilis</i> , <i>Trichoderma longibrachiatum</i>)	Plant and animal proteins
	Keratinase (Source: <i>Bacillus licheniformis</i>)	Plant and animal proteins
	Xylanase (Source: <i>Aspergillus oryzae</i> , <i>Humicola insolens</i> , <i>Trichoderma longibrachiatum</i> ³ , <i>Bacillus subtilis</i> , <i>Penicillium funiculosum</i> , <i>Aspergillus niger</i> , <i>Pichia pastoris</i>)	Corn, barley, rye, wheat, grain sorghum, triticale, oats
Live Micro-organisms	<i>Bacillus licheniformis</i> , <i>Bacillus subtilis</i> , <i>Bifidobacterium bifidum</i> , <i>Enterococcus faecalis</i> , <i>Enterococcus faecium</i> , <i>Enterococcus lactis</i> , <i>Lactobacillus acidophilus</i> , <i>Lactobacillus casei</i> , <i>Lactobacillus delbrueckii</i> subsp. <i>Lactis</i> (also known as <i>Lactobacillus lactis</i>), <i>Lactobacillus plantarum</i> , <i>Pediococcus acidilactici</i> , <i>Pediococcus pentosaceus</i> , <i>Candida utilis</i> , <i>Saccharomyces cerevisiae</i> , <i>Rhodopseudomonas palustris</i> , <i>Bifidobacterium infantis</i> , <i>Bifidobacterium longum</i> , <i>Bifidobacterium breve</i> , <i>Bifidobacterium adolescentis</i> , <i>Streptococcus thermophilus</i> , <i>Lactobacillus reuteri</i> , <i>Bifidobacterium animalis</i> , <i>Aspergillus niger</i> , <i>Aspergillus Oryzae</i> , <i>Bacillus lentus</i> , <i>Bacillus pumilus</i> , <i>Lactobacillus cellobiosus</i> , <i>Lactobacillus fermentum</i> , <i>Lactobacillus delbrueckii</i> subsp. <i>Bulgaricus</i> (also known as <i>Lactobacillus bulgaricus</i>)	All species or categories of animals
	<i>Propionibacterium acidipropionis</i> , <i>Lactobacillus buchneri</i>	Silage, cattle
	<i>Lactobacillus paracasei</i>	Silage
	<i>Bacillus coagulans</i>	Broiler, growing-finishing swine or aquaculture animals, dogs, cats
	<i>Brevibacillus laterosporus</i> (also known as <i>Bacillus laterosporus</i>)	Broiler, duck for fattening, swine or shrimp
Non-protein Nitrogen	Urea, Ammonium Bicarbonate, Ammonium Sulfate, Liquid Ammonia, Mono Ammonium Phosphate, Diammonium Phosphate, Isobutylidene Diurea, Urea Phosphate, Ammonium Chloride, Ammonium Hydroxide	Ruminant

Antioxidants	Ethoxyquin, Butylated Hydroxyanisole (BHA), Butylated Hydroxytoluene (BHT), Propyl Gallate, Tertiary Butyl Hydroquinone (TBHQ), Tea Polyphenol, alpha-Tocopherol (Vitamin E), 6-Palmitoyl-L-Ascorbic Acid	All species or categories of animals
	Rosemary Extract	Pets
	Dilauryl Thiodipropionate, Antioxidant of Glycyrrhiza, D-Lsoascorbic Acid, Sodium D-Lsoascorbate, Phytic Acid (Inositol Hexaphosphoric Acid)	Dogs, cats
	Sodium L-Ascorbate	All species or categories of animals
Preservatives and Acidity Regulators	Formic Acid, Ammonium Formate, Calcium Formate, Acetic Acid, Sodium Diacetate, Propionic Acid, Ammonium Propionate, Sodium Propionate, Calcium Propionate, Butyric Acid, Sodium Butyrate, Lactic Acid, Benzoic Acid, Sodium Benzoate, Sorbic Acid, Sodium Sorbate, Potassium Sorbate, Fumaric Acid, Citric Acid, Potassium Citrate, Sodium Citrate, Calcium Citrate, Tartaric Acid, Malic Acid, Phosphoric Acid, Sodium Hydroxide, Sodium Bicarbonate, Potassium Chloride, Sodium Carbonate	All species or categories of animals
	Calcium Acetate	Livestock, poultry
	Sodium Pyrophosphate, Sodium Tripolyphosphate, Sodium Hexametaphosphate, Trisodium Monohydrogen Diphosphate	Pets
	Sodium Metabisulphite	Pets, swine
	Potassium Diformate	Swine
	Ammonium Chloride	Ruminant
	Sodium Sulphite	Silage
	Sodium Nitrite, Calcium Hydroxide, Disodium Ethylene-diamine-tetraacetate, Sodium Lactate, Calcium Lactate, Nisin, L-Polylysine Hydrochloride, Dehydroacetic Acid, Sodium Dehydroacetate, Succinic Acid, Potassium Carbonate, Disodium Dihydrogen Pyrophosphate, Glutamine Transaminase, Trisodium Orthophosphate, Sodium Gluconate	Dogs, cats
Coloring Agents	Capsanthin, beta-Apo-8'-Carotenal, beta-Apo-8'-Carotenoic Acid Ethyl Ester, beta, beta-Carotene- 4,4-Diketone (Canthaxanthin)	Poultry
	beta-Carotene	Poultry, dogs, cats
	Natural Xanthophyll (Marigold Extract)	Poultry, aquaculture animals, dogs, cats
	Xanthophyllomyces dendrorhous (Anamorph Phaffia rhodozyma)	Aquaculture animals, ornamental fish,
	Astaxanthin	Aquaculture animals, ornamental fish, dogs, cats

	Tartrazine, Sunset Yellow, Allura Red, Ponceau 4R, Indigotine, Titanium Oxide, Caramel Color class IV, Erythrosine	Pets
	Carmine Cochineal, Iron Oxide Red, Sorghum Red, Monascus Red, Red Kojic Rice, Chlorophyllin Copper Complex (Sodium and, Potassium Salts), Gardenia Blue, Gardenia Yellow, New Red, Carmoisine, Radish Red, Lycopene	Dogs, cats
	Amaranth, Brilliant Blue	Pets, ornamental fish
Flavoring and Appetizing Substances	Saccharin, Calcium Saccharin, Neohesperidin Dihydrochalcone	Swine
	Thaumatococin	All species or categories of animals
	Trehalose, Disodium Succinate, Steviol Glycosides, Disodium 5'-Ribonucleotide	Dogs, cats
	Sodium Saccharin, Sorbitol	All species or categories of animals
	Approved Food Flavoring Agents, Oregano Carvacrol (Origanum aetheroleum)	
Others	Sodium Glutamate, Disodium 5'-Inosinate, Disodium 5'-Guanylate, Garlicin (Allimin)	
Binders, Anticaking, Stabilizing and Emulsifying agents	alpha- Starch, Aluminum Oxide, Calcium Salt of Edible Fatty Acid, Mono-/di-glycerides of Edible Fatty Acids, Calcium Silicate, Sodium Silico Aluminate, Calcium Sulfate, Calcium Stearate, Glycerine Fatty Acid Ester, Polyacrylic Resin II, Sorbitan Monostearate, Polyoxyethylene (20) Sorbitan Mono- oleate, Propylene Glycol, Lecithin, Sodium Alginate, Potassium Alginate, Ammonium Alginate, Agar-agar, Guar gum, Acacia, Xanthan Gum, Mannitol, Lignin Sulfonate, Sodium Carboxymethylcellulose, Sodium Polyacrylate, Sorbitol Esters of Fatty Acid, Sucrose Esters of Fatty Acid, Sodium Acid Pyrophosphate, Glyceryl Monosterate, Polyethylene Glycol 400, Lecithin, Glyceryl Polyethylenglycol Ricinoleate	All species or categories of animals
	Silicon Dioxide (Silicic acid, precipitated and dried)	All species or categories of animals
	Glycerine	Swine, chicken or fish, dogs, cats
	Stearic Acid	Swine, cattle or poultry, dogs, cats
	Carrageenan, Cassia Gum, Carob Bean Gum, Pectin, Microcrystallin Cellulose	Pets

	Hydroxypropyl cellulose, Magnesium Stearate, Insoluble Polyvinylpyrrolidone (PVPP), Sodium Carboxy Methyl Starch, Gellan Gum, Starch Acetate, Glucono delta-Lactone, Hydroxypropyl Distarch Phosphate, Hydroxypropyl Starch, Sodium Caseinate, Propylene Glycol Esters of Fatty Acids, Medium Chain Triglycerides, Linseed Gum, Acetylated Distarch Phosphate, Maltitol, Curdlan, Polydextrose	Dogs, cats
	Starch sodium octenyl succinate	All species or categories of animals
	Ethyl cellulose, Polyvinyl alcohol,	All species or categories of animals
	Shellac, Hydroxypropyl methyl cellulose	All species or categories of animals
Polysaccharides and Olig-	Xylo-oligosaccharides	Chicken, swine or aquaculture animals, dogs, cats
osaccharides		
	Low-molecular-weight Chitosan	Swine, chicken or aquaculture animals, dogs, cats
	Galactomanno-oligosaccharides	Swine, broiler, rabbit or aquaculture animals
	Fructo-oligosaccharides, Manno-oligosaccharides, Galacto-oligosaccharides	All species or categories of animals
	Chitosan-oligosaccharide (oligo(beta-(1,4)-2-amino-2-deoxy-D-glucose)) (n=2 ~ 10)	Swine, chicken, duck for fattening or rainbow trout, dogs, cats
	P-1, 3-D-glucan (Source: Saccharomyces cerevisiae)	Aquaculture animals, dogs, cats
	N, O-carboxymethyl chitosan	Swine, chicken
Others	YUCCA (Yucca Schidigera Extract), Triterpenic saponins (Quillaja Saponaria Extract), Docosahexaenoic Acid (DHA)	All species or categories of animals
	Sacchariterpenin (Originated from Seed Cake of CamelliaL)	Swine, poultry
	Acetohydroxamic Acid	Ruminant
	Medicago sativa Extract (Active substance: alfalfa polysaccharide, alfalfa flavonoid, alfalfa saponin)	Piglet, growing and finishing swine, broiler, dogs, cats

Eucommia Ulmoides Extract (Active substance: chlorogenic acid, Eucommia polysaccharide, Eucommia flavonoids)	Growing-finishing swine, fish or shrimp
Epimedium Extract (Active substance: Icarin)	Chicken, swine, sheep or cow
Conjugated Linoleic Acid	Piglet, laying hen, dogs, cats
4, 7-Dihydroxyisoflavone (Daidzein)	Swine, laying poultry
The culture of Acremonium terricola	Swine, chicken
Extract of Perilla frutescens seed (Active substance: α -Linoleic Acid, Linolenic acid, Flavonoids)	Swine, broiler or fish, dogs, cats
Chondroitin Sulfate	Cats, dogs
Phytosterol (Originated from soybean oil or rapeseed oil, Active substance : P-Sitosterol, Campesterol, Stigmasterol)	Poultry, growing and finishing swine, dogs, cats
Hyaluronic Acid, Sodium Hyaluronate, Lactoferrin, Casein Phosphopeptides (CPP), Casein Calcium Peptide (CCP), Eicosapentaenoic Acid (EPA), Methylsulfonylmethane (MSM), Sodium Chondroitin Sulfate	Dogs, cats

Attachments:

No Attachments.