



listed approved ingredient that is not for direct exposure to livestock

The tables below have been separated based on commodity type for ease of navigation only. All of the goods on this list may be imported subject to the same import conditions.

Goods that are further refined derivatives of ingredients listed above are also considered to be on this list.

List of approved ingredients for goods with an environmental end use, biological cleaning agents, odour neutralisers or sanitisation products

Agar
Arabic gum
Citric acid
Cultures of <i>Saccharomyces cerevisiae</i> or a derivative of a pure culture of <i>Saccharomyces cerevisiae</i>
Dyes, colours
Emulsifiers, detergents, polysorbates, surfactants (excluding goods manufactured from materials of terrestrial animal or avian origin that are not on this list) e.g. lignosulfonates, sodium lauryl sulfate, ethoxylated castor oil
Enzymes (other than enzymes derived from animals or microbial fermentation)
Glycerol, glycerol esters (excluding goods manufactured from materials of terrestrial animal or avian origin that are not on this list)
Highly processed biochemicals derived from wool grease e.g. cholesterol, cholecalciferol vitamin D3, lanolin and lanolin alcohols
Lactic acid
Lecithin (excluding goods manufactured from materials of terrestrial animal or avian origin)
Lignin
Maple syrup
Molasses
Oleochemicals (excluding goods manufactured from materials of terrestrial animal or avian origin that are not on this list)
Organic chemical compounds e.g. acetic acid (vinegars), acetone, alcohols, esters
Perlite
Petrochemicals e.g. liquid paraffin, paraffin wax



Polysaccharides
Purified amino acids (excluding those derived from neural material)
Purified spinosyn compounds (excluding goods manufactured from materials of terrestrial animal or avian origin that are not on this list)
Purified vitamins
Resins
Starches, dextrans and maltodextrins ¹
Sugars and complex carbohydrates (other than lactose and lactose derivatives (e.g. galactose, lactulose) derived from milk)
Sulfur compounds e.g. hydrogen sulfide, dimethyl sulfide
Tallow derivatives that are fatty acid esters, glycerol, methyl oleate, oleic acid, polyethoxylated tallow amines or stearates, produced by hydrolysis, saponification or transesterification using high temperature (above 160°C) and pressure
Talc
Xanthan gum

¹ Flours, which are the finely ground meal of wheat or other grains (e.g. wheat flour, oat flour, seaweed flour), are not included in this list of approved ingredients.

List of Approved Microorganisms for use in the Production of Enzymes

<i>Acetobacter</i> spp.
<i>Achromobacter denitrificans</i> syn. <i>Alcaligenes denitrificans</i>
<i>Acremonium cellulolyticus</i>
<i>Actinomadura viridis</i> syn. <i>Microtetraspora viridis</i> , <i>Actinomadura malachitica</i>
<i>Ampelomyces quisqualis</i> syn. <i>Cicinnobolus cesatti</i>
<i>Anabaena cylindrica</i>
<i>Anaerobacter polyendosporus</i>
<i>Aspergillus aculeatus</i>



Aspergillus brasiliensis

Aspergillus flavus

Aspergillus niger

Aspergillus oryzae

Azorhizobium caulinodans

Bacillus acidopullulyticus

Bacillus amyloliquefaciens

Bacillus coagulans

Bacillus ginsengihumi

Bacillus halodurans

Bacillus licheniformis

Bacillus methylotrophicus

Bacillus mojavenis

Bacillus pumilus syn. *Bacillus mesentericus*, *Bacillus aminoglucoosidicus*

Bacillus simplex

Bacillus subtilis

Bacillus thuringiensis

Beauveria bassiana syn. *Tritirachium shioatae*

Bifidobacterium spp.

Brevibacillus brevis syn. *Bacillus brevis*

Brevibacterium linens

Candida spp

Chaetomium gracile

Citrobacter koseri

Citeromyces spp.

Clavispora spp.

Debaryomyces spp.

Dehalobacter spp.

Dehalococcoides spp.



Dehalogenimonas spp.

Dekkera spp.

Delftia acidovorans syn. *Comamonas acidovorans*, *Pseudomonas acidovorans*

Ensifer adhaerens syn. *Sinorhizobium adhaerens*

Ensifer meliloti syn. *Sinorhizobium meliloti*, *Rhizobium meliloti*

Enterobacter asburiae

Enterococcus durans

Enterococcus faecalis

Enterococcus faecium

Erwinia tasmaniensis

Fusarium venenatum

Geobacter spp.

Geotrichum candidum

Gigaspora margarita

Gliocadium catenatum

Hansenula spp.

Hasegawaea spp.

Hirsutella rhossiliensis

Humicola insolens

Hyphopichia spp.

Isochrysis galbana

Issatchenkia spp.

Kluyveromyces spp.

Lactic acid bacteria

Lactobacillus spp.

Lactococcus spp.

Leuconostoc spp. (*Oenococcus* spp.)

Metarhizium acridum

Metarhizium anisopliae syn. *Entomophthora anisopliae*



Monascus spp.

Nannochloropsis spp.

Ochrobactrum anthropi

Pediococcus pentosaceus

Paenarthrobacter spp. syn. *Arthrobacter* spp.

Paenibacillus alvei

Paenibacillus brasiliensis

Paenibacillus polymyxa syn. *Bacillus polymyxa*

Penicillium camemberti (also known as *Penicillium camembertii* and *Penicillium candidum*)

Penicillium funiculosum

Penicillium oxalicum

Penicillium roqueforti (also known as *Penicillium roquefortii*)

Penicillium velutinum

Phaffia spp.

Pichia spp.

Pleomorphomonas oryzae

Pristionchus pacificus

Propionibacterium spp.

Pseudomonas antarctica

Pseudomonas citronellolis

Pseudomonas geniculata syn. *Bacillus geniculatus*

Pseudomonas monteilii

Pseudomonas putida syn. *Bacillus fluorescens putidus*, *Bacillus putidus*, *Pseudomonas eisenbergii*, *Pseudomonas convexa*, *Pseudomonas incognita*, *Pseudomonas ovalis*, *Pseudomonas rugosa*, *Pseudomonas striata*

Rhabditis myriophila

Rhizopus spp.

Rhodococcus erythropolis syn. *Mycobacterium erythropolis*, *Nocardia calcarea*, *Arthrobacter picolinophilus*

Rhodococcus pyridinivorans

Saccharomyces spp.



<i>Saccharopolyspora spinosa</i>
<i>Schizosaccharomyces</i> spp.
<i>Schwanniomyces</i> spp.
<i>Scutellospora dipurpurescens</i>
<i>Sporosarcina pasteurii</i> syn. <i>Bacillus pasteurii</i>
<i>Staphylococcus carnosus</i>
<i>Staphylococcus xylosus</i>
<i>Streptococcus cremoris</i>
<i>Streptococcus diacetylactis</i>
<i>Streptococcus durans</i>
<i>Streptococcus faecalis</i>
<i>Streptococcus lactis</i>
<i>Streptococcus salivarius</i>
<i>Streptococcus thermophilus</i>
<i>Streptomyces olivaceus</i>
<i>Streptomyces olivochromogenes</i>
<i>Streptomyces murinus</i>
<i>Streptomyces mobaraensis</i> (former name <i>Streptoverticillium mobaraensis</i>)
<i>Streptomyces rubiginosus</i>
<i>Streptomyces violaceoruber</i>
<i>Streptoverticillium rectiverticillatum</i> syn. <i>Streptomyces rectiverticillatus</i> , <i>Actinomyces rectiverticillatus</i>
<i>Suillus granulatus</i>
<i>Talaromyces emersonii</i> (former name <i>Penicillium emersonii</i>)
<i>Torulaspota</i> spp.
<i>Torulopsis</i> spp.
<i>Trichoderma harzianum</i> (former name <i>Trichoderma longibrachiatum</i>)
<i>Trichoderma reesei</i>
<i>Trichoderma viride</i>
<i>Wolinella succinogens</i>



Xanthobacter spp.

Zygoascus spp.

Zygosaccharomyces spp.
