

# Feed additives: March–April 2024 authorisations

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EU authorises or reauthorises certain feed additives

Commission Implementing Regulations [2024/764](#), [2024/771](#), [2024/777](#), [2024/778](#), [2024/780](#), [2024/781](#), [2024/786](#), [2024/794](#), [2024/806](#), [2024/824](#), [2024/997](#), [2024/1054](#), [2024/1055](#), [2024/1056](#), [2024/1057](#), [2024/1058](#), [2024/1070](#), [2024/1104](#), [2024/1161](#), [2024/1179](#), [2024/1185](#), [2024/1186](#), [2024/1187](#), [2024/1189](#), [2024/1190](#), [2024/1194](#), [2024/1195](#), [2024/1196](#), [2024/1199](#), [2024/1200](#)

## Update

An overview of the latest authorisations and reauthorisations of feed additives and their use in animal nutrition in target animals.

## Impacted products

Feed additives, prepared fodder

## What is changing?

### New authorisations

In March and April 2024, the EU authorised the new feed additives listed in Table 1.

These authorisations are based on opinions published by the European Food Safety Authority (EFSA) [see Resources 1–21].

### Reauthorisations

In March and April 2024, the EU reauthorised the feed additives listed in Table 2, based on opinions published by EFSA [see Resources 14, 16, 21, 22–31].

### Amended authorisations

Regulation [2024/1054](#) authorises the use of a preparation of *Weizmannia faecalis* DSM 32016 for suckling and weaned piglets, poultry for fattening, and ornamental birds, together with some other antiprotozoal agents. EFSA's opinion [[20](#)] states which of these uses are compatible, which are not, and for which uses no conclusions could be drawn about compatibility.

Regulation [2024/771](#) amends Regulation [152/2009](#) laying down the methods of sampling and analysis for the official control of feed.

## Withdrawals

The following will be withdrawn from the market for animal species and categories other than those mentioned in the Regulation's Annex:

- Regulation 2024/1186: Cinnamon bark essential oil and cinnamon leaf essential oil from *Cinnamomum verum*
- Regulation 2024/1195: Cassia essential oil from *Cinnamomum aromaticum*.

## Why?

Applications for the above authorisations and reauthorisations were submitted and considered by the Reference Laboratory set up by the Feed Additives Regulation ([1831/2003](#)).

## Timeline

New authorisations remain valid until the end dates listed in Table 1.

Reauthorisations remain valid until the end dates listed in Table 2.

## What are the major implications for exporting countries?

With new authorisations, more feed additives will be available on the market. Authorisations and renewals are valid for 10 years. The use of all preparations and substances specified as feed additives must comply with the provisions specified in the Annex to each Regulation.

## Recommended Actions

Non-EU countries producing feed additives, compound feed, and feed materials for export to the EU are recommended to check the status of the feed additives in the [EU Feed Additives](#) register.

To be able to filter and to see more information, it is advised to download the register in Excel format (see foot of [Food and Feed Information Portal](#)).

## Background

The procedure for authorising the placing on the market and use of feed additives is set out in Regulation (EC) [1831/2003](#). For the latest updates on feed additives see the [EU Feed Additives](#) register.

## Resources

### Opinions published by the European Food Safety Authority on the safety/efficacy of the following feed additives

- 1 An essential oil from *Cinnamomum cassia* (cassia leaf oil). EFSA Journal, 20(10): 7600.
- 2 Essential oils from the bark and the leaves of *Cinnamomum verum* (cinnamon bark oil and cinnamon leaf oil). EFSA Journal, 20(10): 7601.
- 3 Riboflavin 5'-phosphate ester monosodium salt (vitamin B2) (from riboflavin 98%, produced by *Bacillus subtilis* KCCM 10445). EFSA Journal, 20(11): 7608.
- 4 A tincture derived from the roots of *Gentiana lutea* (gentian tincture). EFSA Journal, 21(2): 7869.
- 5 *Bacillus subtilis* strains CNCM I-4606, CNCM I-5043 and CNCM I-4607 and *Lactococcus lactis* CNCM I-4609. EFSA Journal, 21(3): 7871.
- 6 A preparation of essential oils of thyme and star anise, and quillaja bark powder (BIOSTRONG® 510 all natural). EFSA Journal, 21(4): 7955.
- 7 *Lactiplantibacillus plantarum* DSM 11520. EFSA Journal, 21(4): 7974.
- 8 Concentrated liquid L-lysine, L-lysine monohydrochloride and concentrated liquid L-lysine monohydrochloride produced by *Escherichia coli* NITE BP-02917. EFSA Journal, 21(6): 8048.
- 9 L-valine produced by *Corynebacterium glutamicum* CGMCC 18932. EFSA Journal, 21(7): 8104.
- 10 A tincture derived from the buds of *Pinus sylvestris* (pine tincture). EFSA Journal, 21(7): 8181.
- 11 Endo- $\beta$ -1,4-xylanase produced by *Komagataella phaffii* CGMCC 7.371 (VTR-xylanase). EFSA Journal, 21(8): 8150.
- 12 Protease produced by *Bacillus licheniformis* DSM 33099 (ProAct 360). EFSA Journal, 21(8): 8163.
- 13 25-hydroxycholecalciferol monohydrate produced with *Saccharomyces cerevisiae* CBS 146008. EFSA Journal, 21(8): 8169.
- 14 Endo-1,4- $\beta$ -xylanase produced by *Trichoderma citrinoviride* DSM 34663 (Hostazym® X). EFSA Journal, 21(8): 8171.
- 15 Iron(II) betaine complex. EFSA Journal, 21(9): 8250.

- 16 Endo-1,4-beta-xylanase (produced by *Aspergillus oryzae* DSM 33700). EFSA Journal, 21(10): 8339.
- 17 6-phytase (produced by *Komagataella phaffii* CGMCC 7.19) (NutraSe P). EFSA Journal, 21(10): 8345.
- 18 *Enterococcus lactis* NCIMB 10415 (Cylactin®). EFSA Journal, 21(10): 8347.
- 19 Manganese(II)-betaine complex. EFSA Journal, 21(10): 8362.
- 20 *Weizmannia faecalis* DSM 32016 (TechnoSpore50®). EFSA Journal, 21(11): 8355.
- 21 *Enterococcus faecium* DSM 21913, *Bifidobacterium animalis* DSM 16284 and *Ligilactobacillus salivarius* DSM 16351 (Biomim® C3). EFSA Journal, 21(12): 8356.
- 22 *Lactiplantibacillus plantarum* DSM 3676, *Lactiplantibacillus plantarum* DSM 3677 and *Lentilactobacillus buchneri* DSM 13573. EFSA Journal, 21(7): 8162.
- 23 25-hydroxycholecalciferol produced with *Saccharomyces cerevisiae* CBS 146008. EFSA Journal, 21(8): 8168.
- 24 Alpha-galactosidase produced by *Saccharomyces cerevisiae* CBS 615.94 and endo-1,4-beta-glucanase produced by *Aspergillus niger* CBS 120604 (Agal-Pro BL/BL-L®). EFSA Journal, 21(8): 8175.
- 25 *Lactiplantibacillus plantarum* LMG P-21295. EFSA Journal, 21(10): 8346.
- 26 *Enterococcus lactis* DSM 7134 and *Lacticaseibacillus rhamnosus* DSM 7133 (Provita LE). EFSA Journal, 21(10): 8350.
- 27 *Enterococcus lactis* DSM 7134 (Bonvital®). EFSA Journal, 21(10): 8351.
- 28 *Lentilactobacillus buchneri* DSM 19455. EFSA Journal, 21(10): 8352.
- 29 Niacinamide. EFSA Journal, 21(10): 8357.
- 30 Niacin (nicotinic acid). EFSA Journal, 21(10): 8359.
- 31 Orthophosphoric acid. EFSA Journal, 21(10): 8361.

## Sources

Regulations [2024/764](#), [2024/771](#), [2024/777](#), [2024/778](#), [2024/780](#), [2024/781](#), [2024/786](#), [2024/794](#), [2024/806](#), [2024/824](#), [2024/997](#), [2024/1054](#), [2024/1055](#), [2024/1056](#), [2024/1057](#), [2024/1058](#), [2024/1070](#), [2024/1104](#), [2024/1161](#), [2024/1179](#), [2024/1185](#), [2024/1186](#), [2024/1187](#), [2024/1189](#), [2024/1190](#), [2024/1194](#), [2024/1195](#), [2024/1196](#), [2024/1199](#), [2024/1200](#)


Regulation [1831/2003](#) on additives for use in animal nutrition

[EU Feed Additives register](#)

## Table & Figures

Table 1 New authorisations of feed additives (March–April 2024)				
Regulation	Additive	Use	Target	End date <sup>[1]</sup>
2024/764	<i>Bacillus subtilis</i> CNCM I-4606, CNCM I-5043 and CNCM I-4607, <i>Lactococcus lactis</i> CNCM I-4609	Hygiene condition enhancers	All animal species	21 March 2034
2024/777	L-lysine base, liquid, L-lysine monohydrochloride, liquid, and L-lysine monohydrochloride, produced by <i>Escherichia coli</i> NITE BP-02917	Amino acids, their salts and analogues Flavouring compounds	All animal species	26 March 2034
2024/778	Protease ('subtilisin') produced by <i>Bacillus licheniformis</i> DSM 33099	Digestibility enhancer	Poultry for fattening, laying, and breeding	26 March 2034
2024/780	Endo-1,4-beta-xylanase produced by <i>Trichoderma citrinoviride</i> DSM 34663	Digestibility enhancer	Hens, turkeys, minor poultry species for breeding; ornamental birds; suckling piglets; minor porcine species for fattening	26 March 2034
2024/786	Preparation of thyme oil, star anise oil and quillaja bark powder	Digestibility enhancers Other zootechnical additives	Poultry for fattening	27 March 2034
2024/794	Preparation of endo-1,4-beta-xylanase produced by <i>Komagataella phaffii</i> CGMCC 7.371	Digestibility enhancer	All avian species; piglets of all <i>Suidae</i> (suckling, weaned)	26 March 2034
2024/806	Pine tincture from <i>Pinus sylvestris</i>	Flavouring compound	All animal species	28 March 2034
2024/824	Gentian tincture from <i>Gentiana lutea</i>	Flavouring compound	Animal species for fattening (except Equidae); salmonids and fin fish (except brood stock)	31 March 2034
2024/997	L-valine produced by <i>Corynebacterium glutamicum</i> CGMCC 18932	Amino acids, their salts and analogues	All animal species	24 April 2034
2024/1054	Preparation of <i>Weizmannia faecalis</i> DSM 32016	Gut flora stabilisers	Poultry (laying, breeding)	1 May 2034
2024/1055	Iron(II)-betaine complex	Compounds of trace elements	All animal species	1 May 2034
2024/1056	Riboflavin 5'-phosphate monosodium salt (vitamin B2) produced by <i>Bacillus subtilis</i> KCCM 10445	Vitamins, pro-vitamins and similar	All animal species	1 May 2034
2024/1057	Preparation of 6-phytase produced by <i>Komagataella phaffii</i> CGMCC 7.19	Digestibility enhancers	Poultry (fattening, laying); ornamental birds	1 May 2034
2024/1058	Preparation of endo-1,4-beta-xylanase produced by <i>Aspergillus oryzae</i> DSM 33700	Digestibility enhancers	Poultry; Suidae	1 May 2034
2024/1070	Preparation of 25-hydroxycholecalciferol produced by <i>Saccharomyces cerevisiae</i> CBS 146008	Vitamins, pro-vitamins and similar	Ruminants	5 May 2034


Continued...

Table 1 Continued...					
Regulation	Additive	Use	Target	End date <sup>[1]</sup>	
2024/1104	Preparation of <i>Lactiplantibacillus plantarum</i> DSM 11520	Acidity regulators	Horses; rabbits	8 May 2034	
2024/1161	Preparation of <i>Enterococcus lactis</i> NCIMB 10415	Non-coated granulated form	Gut flora stabilisers	Chickens and minor poultry (breeding, fattening, laying); turkeys (fattening, breeding); ornamental birds; lambs, minor ruminants (rearing, fattening); minor porcine species <sup>[2]</sup>	13 May 2034
		Micro-encapsulated form			
		Micro-encapsulated form with shellac			
2024/1186	Cinnamon bark essential oil and cinnamon leaf essential oil from <i>Cinnamomum verum</i>	Flavouring compounds	Piglets (incl. of minor Suidae); animals (other than Equidae) for fattening; salmonids and minor fin fish (other than brood stock)	15 May 2034	
2024/1195	Cassia essential oil from <i>Cinnamomum aromaticum</i>	Flavouring compounds	Piglets (incl. of minor Suidae); animals (other than Equidae) for fattening; salmonids and minor fin fish (other than brood stock)	15 May 2034	
2024/1199	Manganese(II)-betaine complex	Compounds of trace elements	All animal species	12 May 2034	
2024/1200	Preparation of <i>Bifidobacterium animalis</i> ssp. <i>animalis</i> DSM 16284, <i>Ligilactobacillus salivarius</i> DSM 16351 and <i>Enterococcus faecium</i> DSM 21913	Gut flora stabilisers	Chickens for breeding; turkeys for fattening, breeding	12 May 2034	
1 Authorisations / reauthorisations remain valid for 10 years from entry into force until the date mentioned in the column "End date". 2 The micro-encapsulated and non-coated granulated forms are also authorised as an additive in animal nutrition for use in water for drinking for all target species.					
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Source: based on Regulations [2024/764](#), [2024/777](#), [2024/778](#), [2024/780](#), [2024/786](#), [2024/794](#), [2024/806](#), [2024/824](#), [2024/997](#), [2024/1054](#), [2024/1055](#), [2024/1056](#), [2024/1057](#), [2024/1058](#), [2024/1070](#), [2024/1104](#), [2024/1161](#), [2024/1186](#), [2024/1195](#), [2024/1199](#), [2024/1200](#)

Table 2 Renewed authorisations of feed additives (March–April 2024)				
Regulation	Additive	Use	Target	End date <sup>[1]</sup>
2024/780	Endo-1,4-beta-xylanase produced by <i>Trichoderma citrinoviride</i> DSM 34663	Digestibility enhancers	Chickens and minor poultry species for fattening, laying; turkeys for fattening; weaned piglets, pigs for fattening; carp	26 March 2034
2024/781	Preparation of alpha-galactosidase produced by <i>Saccharomyces cerevisiae</i> CBS 615.94 and endo-1,4-beta-glucanase produced by <i>Aspergillus niger</i> CBS 120604	Digestibility enhancers	Chickens, minor poultry species for fattening; chickens for laying	26 March 2034
2024/1058	Preparation of endo-1,4-beta-xylanase produced by <i>Aspergillus oryzae</i> DSM 26372	Digestibility enhancers	Laying hens; poultry for fattening; weaned piglets; pigs for fattening; lactating sows	1 May 2034
2024/1070	Preparation of 25-hydroxycholecalciferol produced by <i>Saccharomyces cerevisiae</i> CBS 146008	Vitamins, provitamins, and similar	Poultry, turkeys for fattening; pigs	5 May 2034
2024/1161	Preparation of <i>Enterococcus lactis</i> NCIMB 10415	Micro-encapsulated form	Gut flora stabilisers	Chickens, minor poultry species (fattening, laying); calves, kids (rearing, fattening); sows; suckling, weaned piglets; pigs (fattening) <sup>[2]</sup>
		Micro-encapsulated form with shellac		
		Non-coated granulated form		Calves, kids (rearing, fattening); sows; suckling, weaned piglets; pigs (fattening) <sup>[2]</sup>
2024/1179	Preparation of <i>Lactiplantibacillus plantarum</i> DSM 3676	Silage additives	All animal species	13 May 2034
	Preparation of <i>Lactiplantibacillus plantarum</i> DSM 3677			
	Preparation of <i>Lentilactobacillus buchneri</i> DSM 13573			
2024/1185	Orthophosphoric acid	Preservatives	All animal species	15 May 2034
2024/1187	Preparation of <i>Enterococcus lactis</i> DSM 7134 and <i>Lactocaseibacillus rhamnosus</i> DSM 7133	Gut flora stabilisers	Calves for rearing	15 May 2034
2024/1189	Preparation of <i>Lactiplantibacillus plantarum</i> LMG P-21295	Silage additives	All animal species	15 May 2034
2024/1190	Preparation of <i>Enterococcus lactis</i> DSM 7134	Gut flora stabilisers	Chickens for laying; minor poultry for fattening, laying, breeding	15 May 2034
2024/1194	Nicotinic acid and niacinamide	Vitamins, provitamins, and similar	All animal species	15 May 2034
2024/1196	Preparation of <i>Lentilactobacillus buchneri</i> DSM 19455	Silage additives	All animal species	16 May 2034
2024/1200	Preparation of <i>Bifidobacterium animalis</i> ssp. <i>animalis</i> DSM 16284, <i>Ligilactobacillus salivarius</i> DSM 16351, and <i>Enterococcus faecium</i> DSM 21913	Gut flora stabilisers	Chickens for fattening, laying; minor poultry other than laying	12 May 2034

1 Authorisations / reauthorisations remain valid for 10 years from entry into force until the date mentioned in the column "End date".  
2 The micro-encapsulated and non-coated granulated forms are also authorised as an additive in animal nutrition for use in water for drinking for all target species.

  
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