Feed additives: January–February 2025 authorisations, reauthorisations, and corrections

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EU authorises and reauthorises certain feed additives

Commission Implementing Regulations: 2025/142, 2025/143, 2025/148, 2025/151, 2025/152, 2025/157, 2025/159, 2025/160, 2025/161, 2025/168, 2025/169, 2025/183, 2025/188, 2025/193, 2025/272, 2025/273, 2025/275, 2025/276, 2025/277, 2025/278, 2025/279, 2025/281, 2025/284, 2025/314, 2025/316, 2025/353, 2025/359, 2025/364

Corrections: 2025/181, 2025/182, 2025/187

Update

Overview of the latest authorisations and reauthorisations of feed additives and their use in animal nutrition in target animals, including corrections to certain existing authorisations.

Impacted products

Feed additives, prepared fodder

What is changing?

Authorisations

In January–February 2025, the European Union (EU) authorised the feed additives listed in Table 1, based on opinions published by the European Food Safety Authority (EFSA) (see Resources 2, 11–13, 16, 18, 22, 29–31). The conditions of use are described in the respective Regulations.

Reauthorisations

In January–February 2025, the EU reauthorised the feed additives listed in Table 2, based on opinions published by EFSA (see Resources 3–8, 10, 14–15, 17, 19–21, 23–28, 32). The conditions of use are described in the respective Regulations.

Amended and corrected authorisations

Regulation 2025/183 increases the recommended maximum content of a feed additive consisting of nonanoic acid from 5 to 100 mg/kg complete feed for all poultry for fattening, laying, or breeding, and all *Suidae* for fattening, including suckling and weaned piglets.

Regulation 2025/316 changes the name of the holder of the authorisations for a preparation of 6-phytase produced by *Trichoderma reesei* CBS 122001 and a preparation of endo-1,4-beta-xylanase produced by *T. reesei* CBS 114044.

Regulation 2025/181 corrects Regulation 2024/2393 regarding the animal categories for which the use of sodium bisulphate remains authorised until 10 September 2025.

Regulation 2025/182 corrects Regulation 2019/901 regarding the chemical formula of riboflavin 5′-phosphate monosodium salt.

Regulation 2025/187 corrects Regulation 2022/415 regarding the use of acetic acid, sodium diacetate, and calcium acetate as feed additives for all animal species other than fish. The safety of use of these three additives without a need to establish a maximum content was demonstrated only for ruminants (EFSA 2021).

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).

The recommended maximum content of the feed additive consisting of nonanoic acid was increased because EFSA (2024) [Resource 9] concluded that its use is safe at 100 mg/kg feed for poultry and *Suidae*.

Timeline

The authorisations and reauthorisations remain valid until the end dates listed in Tables 1 and 2.

What are the major implications for exporting countries?

With these 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 of use 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 webpage).

Background

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

Resources

EU Feed Additives register

Regulation 1831/2003 on additives for use in animal nutrition

Regulation 2024/2393 concerning the renewal of the authorisation of sodium bisulphate and the authorisation of new uses of that substance as a feed additive for certain animal species

1 EFSA (2021) Safety and efficacy of a feed additive consisting of acetic acid for all animal species. EFSA Journal, 19(6): 6615.
2 EFSA (2023) Safety and efficacy of a feed additive consisting of Saccharomyces cerevisiae DBVPG 48 SF (BioCell®) for horses, pigs and ruminants (Mazzoleni S.p.A.). EFSA Journal, 21(4): 7971.
3 EFSA (2023) Assessment of a feed additive containing Enterococcus lactis NCIMB 11181 (Lactiferm®) for weaned piglets, calves for fattening and calves for rearing for the renewal of its authorisation (Chr. Hansen A/S) EFSA Journal, 21: e8466.
4 EFSA (2024) Safety of feed additives consisting of microcrystalline cellulose and carboxymethyl cellulose for all animal species (International Cellulosics Association). EFSA Journal, 22: e8625.
5 EFSA (2024) Safety of a feed additive consisting of hydroxypropyl cellulose for all animal species (International Cellulosics Association). EFSA Journal, 22: e8626.
6 EFSA (2024) Safety of a feed additive consisting of ethyl cellulose for all animal species (International Cellulosics Association). EFSA Journal, 22: e8636.

7 EFSA (2024) Safety of feed additives consisting of hydroxypropyl methyl cellulose (E 464) and methyl cellulose (E 461) for all animal species (International Cellulosics Association) EFSA Journal, 22: e8637.

8 EFSA (2024) Safety of a feed additive consisting of propyl gallate for all animal species (FEFANA asbl). EFSA Journal, 22: e8638.

9 EFSA (2024) Modification of the terms of authorisation regarding the maximum inclusion level of a feed additive consisting of nonanoic acid for all pigs and poultry species (Anitox Corporation). EFSA Journal, 22(2): e8642.

10 EFSA (2024) Assessment of the feed additive consisting of Pediococcus pentosaceus DSM 14021 for all animal species for the renewal of its authorisation (Chr. Hansen A/S). EFSA Journal, 22(4): e8706.

11 EFSA (2024) Safety and efficacy of a feed additive consisting of l-tryptophan (produced with Escherichia coli CGMCC 7.460) for all animal species (Kempex Holland B.V.). EFSA Journal, 22(4): e8707.

12 EFSA (2024) Safety and efficacy of a feed additive consisting of l■threonine (produced with Escherichia coli CGMCC 7.455) for all animal species (Kempex Holland B.V.). EFSA Journal, 22(4): e8708.

13 EFSA (2024) Safety and efficacy of a feed additive consisting of 6-phytase produced with Trichoderma reesei (CBS 126897) (Quantum® Blue) for fin fish (ROAL Oy). EFSA Journal, 22: e8709.

14 EFSA (2024) Assessment of the feed additive consisting of Saccharomyces cerevisiae MUCL 39885 (Biosprint®) for cattle for fattening for the renewal of its authorisation (Prosol SPA). EFSA Journal, 22: e8720.

15 EFSA (2024) Assessment of the feed additive consisting of Levilactobacillus brevis DSM 21982 for all animal species for the renewal of its authorisation (Marigot Ltd T/A Celtic Sea Minerals). EFSA Journal, 22(4): e8725.

16 EFSA (2024) Safety and efficacy of a feed additive consisting of l-isoleucine produced with Corynebacterium glutamicum CGMCC 20437 for all animal species (Eppen Europe SAS). EFSA Journal, 22(4): e8726.

17 EFSA (2024) Efficacy of the feed additive consisting of Saccharomyces cerevisiae CNCM I-4407 (Actisaf® Sc47) for cattle for fattening (Lesaffre International). EFSA Journal, 22: e8727.

18 EFSA (2024) Efficacy of a feed additive consisting of Saccharomyces cerevisiae DBVPG 48 SF (BioCell®) for ruminants (Mazzoleni S.p.A.). EFSA Journal, 22: e8728.

19 EFSA (2024) Safety and efficacy of a feed additive consisting of a tincture derived from the roots of Panax ginseng C.A.Mey. (ginseng tincture) for horses, dogs and cats (FEFANA asbl). EFSA Journal, 22: e8730.

20 EFSA (2024) Safety and efficacy of a feed additive consisting of a tincture derived from the dried fruit of Schisandra chinensis (Turcz.) Baill. (omicha tincture) for poultry, horses, dogs and cats (FEFANA asbl). EFSA Journal, 22: e8731.

21 EFSA (2024) Safety and efficacy of a feed additive consisting of an essential oil derived from fresh leaves of Melaleuca cajuputi Maton & Sm. ex R. Powell and Melaleuca leucadendra (L.) L. (cajuput oil) for use in all animal species (FEFANA asbl). EFSA Journal, 22(4): 8732.

22 EFSA (2024) Safety and efficacy of a feed additive consisting of muramidase produced with Trichoderma reesei DSM 32338 (Balancius™) for laying hens (DSM nutritional products). EFSA Journal, 22: e8788.

23 EFSA (2024) Safety and efficacy of a feed additive consisting of a tincture derived from the flowers of Syzygium aromaticum (L.) Merr. & L.M. Perry (clove tincture) for all animal species (FEFANA asbl). EFSA Journal, 22(5):8791.

24 EFSA (2024) Assessment of the feed additive consisting of Limosilactobacillus fermentum NCIMB 30169 for all animal species for the renewal of its authorisation (Microferm Ltd.). EFSA Journal, 22(5): e8794.

25 EFSA (2024) Safety of the feed additive consisting of endo■1,4■β■xylanase (produced with Trichoderma reesei CBS 143953), subtilisin (produced with Bacillus subtilis CBS 143946) and α■amylase (produced with Bacillus amyloliquefaciens CBS 143954) (Avizyme® 1505) for all poultry species (Danisco (UK) Ltd.). EFSA Journal, 22: e8797.

26 EFSA (2024) Safety and efficacy of a feed additive consisting of an essential oil obtained from the wood of Juniperus deppeana Steud. (cedarwood Texas oil) for use in all animal species (FEFANA asbl). EFSA Journal, 22(5): e8799.

27 EFSA (2024) Assessment of the feed additive consisting of l-cystine for all animal species for the renewal of its authorisation (Bretagne Chimie Fine [BCF Life Sciences]). EFSA Journal, 22: e8800.

28 EFSA (2024) Assessment of the feed additive consisting of endo-1,4-beta-xylanase (produced with Trichoderma reesei MUCL 49755), endo-1,3(4)-beta-glucanase (produced with T. reesei MUCL 49754) and polygalacturonase (produced with Aspergillus fijiensis CBS 589.94) (AveMix® 02 CS) for weaned piglets for the renewal of its authorisation and for its extension of use to suckling piglets (AVEVE BV). EFSA Journal, 22: e8854.

29 EFSA (2024) Safety and efficacy of a feed additive consisting of Lactococcus lactis DSM 34262 as a silage additive for all animal species (Lactosan GmbH & Co.KG). EFSA Journal, 22: e8902.

30 EFSA (2024) Safety and efficacy of a feed additive consisting of Lactiplantibacillus plantarum DSM 34271 as a silage additive for all animal species (Lactosan GmbH & Co.KG). EFSA Journal, 22: e8903.

31 EFSA (2024) Safety and efficacy of a feed additive consisting of Loigolactobacillus coryniformis DSM 34345 as a silage additive for all animal species (Lactosan GmbH & Co.KG). EFSA Journal, 22: e8904.

32 EFSA (2024) Assessment of the feed additive consisting of Saccharomyces cerevisiae CNCM I-4407 (Actisaf® Sc 47) for rabbits for fattening and non-food producing rabbits for the renewal of its authorisation (S. I. Lesaffre). EFSA Journal, 22: e8910.

33 EFSA (2024) Assessment of the feed additive consisting of Levilactobacillus brevis DSM 16680 for all animal species for the renewal of its authorisation (Microferm Ltd.). EFSA Journal, 22(8): e8934.

Sources

Commission Implementing Regulations 2025/142, 2025/143, 2025/148, 2025/151, 2025/152, 2025/157, 2025/159, 2025/160, 2025/161, 2025/168, 2025/169, 2025/181, 2025/182, 2025/183, 2025/187, 2025/188, 2025/193, 2025/272, 2025/273, 2025/275, 2025/276, 2025/277, 2025/278, 2025/279, 2025/281, 2025/284, 2025/314, 2025/316, 2025/353, 2025/359, 2025/364

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Table & Figures

Table 1
New authorisations of feed additives (January–February 2025)

Regulation	Additive	Use	Target	End date[1]
2025/142	6-phytase produced with *Trichoderma reesei* CBS 126897	Digestibility enhancer	Fin fish	19 February 2035
2025/143	L-isoleucine produced with *Corynebacterium glutamicum* CGMCC 20437	Nutritional additive	All animal species	
2025/160	L-threonine produced with *Escherichia coli* CGMCC 7.455			
2025/161	Muramidase produced with *Trichoderma reesei* DSM 32338	Zootechnical additives (other)	Hens (laying)	
2025/169	Preparation of *Saccharomyces cerevisiae* DBVPG 48 SF		Ruminants (other than dairy)	20 February 2035
2025/188	L-tryptophan produced with *Escherichia coli* CGMCC 7.460	Nutritional additive	All animal species	23 February 2035
2025/273	Preparation of *Lactiplantibacillus plantarum* DSM 34271	Silage additive	All animal species	5 March 2035
2025/277	Preparation of *Loigolactobacillus coryniformis* DSM 34345			
2025/359	Preparation of *Lactococcus lactis* DSM 34262			16 March 2035

[1] Authorisations / reauthorisations remain valid for 10 years from entry into force until the date mentioned in the column “End date”.

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Source: based on Regulations 2025/142, 2025/143, 2025/160, 2025/161, 2025/169, 2025/188, 2025/273, 2025/277, 2025/359

Table 2
Renewed authorisations of feed additives (January–February 2025)

Regulation	Additive	Use	Target	End date[1]
2025/148	*Enterococcus lactis* NCIMB 11181	Gut flora stabiliser	Calves (rearing, fattening), piglets (weaned)	19 February 2035
2025/151	*Levilactobacillus brevis* DSM 21982	Silage additive	All animal species	
2025/152	Omicha tincture from *Schisandra chinensis* (Turcz.) Baill.	Flavouring compounds	Horses, poultry	
	Ginseng tincture from *Panax ginseng* C.A.Mey.		Horses	
2025/157	Microcrystalline cellulose	Emulsifiers, stabilisers, thickeners, gelling agents	All animal species	
	Methyl cellulose			
	Hydroxypropyl cellulose			
	Hydroxypropyl methyl cellulose			
	Sodium carboxymethyl cellulose			
	Ethyl cellulose	Stabiliser		
2025/159	*Pediococcus pentosaceus* DSM 14021	Silage additives	All animal species	19 February 2035
2025/168	Preparation of *Limosilactobacillus fermentum* NCIMB 30169			20 February 2035
2025/193	Endo-1,4-beta-xylanase produced with *Trichoderma reesei* CBS 143953	Digestibility enhancers	Poultry (breeding, fattening, laying), ducks	23 February 2035
	Subtilisin produced with *Bacillus subtilis* CBS 143946			
	Alpha-amylase produced with *Bacillus amyloliquefaciens* CBS 143954			

Continued...

Table 2
Continued…

Regulation	Additive	Use	Target	End date[1]
2025/272	L-cystine	Nutritional additive	All animal species	5 March 2035
2025/275	Preparation of *Saccharomyces cerevisiae* CNCM I-4407	Gut flora stabiliser	Rabbits (fattening)	
2025/276	Clove tincture from *Syzygium aromaticum* (L.) Merr. & L.M. Perry	Flavouring compound	All animal species	
2025/278	Cedarwood Texas essential oil from *Juniperus deppeana* Steud.			
2025/279	Cajeput essential oil derived from *Melaleuca cajuputi* Maton & Sm. ex R. Powell and *Melaleuca leucadendra* (L.) L.			
2025/281	Propyl gallate	Antioxidant		
2025/284	Endo-1,4-beta-xylanase produced with *Trichoderma reesei* MUCL 49755	Digestibility enhancers	Piglets (weaned, suckling)	
	Endo-1,3(4)-beta-glucanase produced with *Trichoderma reesei* MUCL 49754			
	Polygalacturonase produced with *Aspergillus fijiensis* CBS 589.94			
2025/314	Preparation of *Saccharomyces cerevisiae* MUCL 39885	Gut flora stabiliser	Cattle (fattening)	10 March 2035
2025/353	Preparation of *Levilactobacillus brevis* DSM 16680	Silage additive	All animal species	16 March 2035
2025/364	Preparation of *Saccharomyces cerevisiae* CNCM I-4407	Gut flora stabiliser	Cattle (fattening)	

[1] Authorisations / reauthorisations remain valid for 10 years from entry into force until the date mentioned in the column "End date".

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