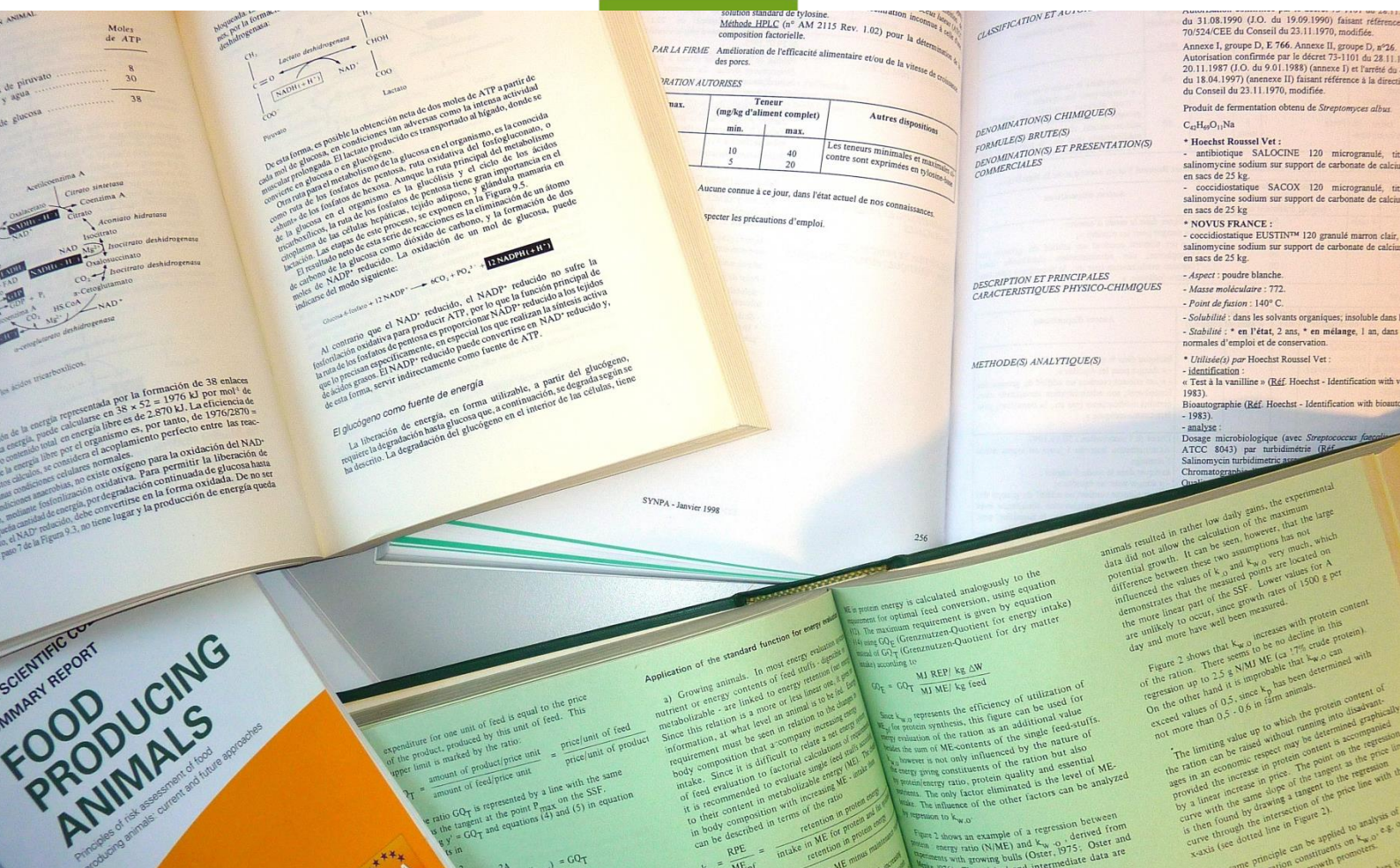




European Union

Register of Feed Additives

pursuant to Regulation (EC) No 1831/2003

Annex II: List of additives subject to the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003 for which no application for reevaluation was submitted before the deadline of 8 November 2010.

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European Union Register of Feed Additives pursuant to Regulation (EC) No 1831/2003

Appendix 4(II).

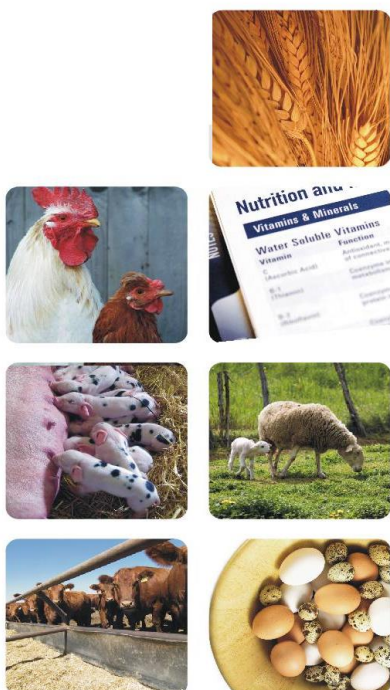
Annex II: List of additives subject to the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003 for which no application for reevaluation was submitted before the deadline of 8 November 2010.

(Released 13.03.2018)

DIRECTORATE-GENERAL FOR HEALTH AND FOOD SAFETY

Directorate E - Food and feed safety, innovation

Unit E5 – Animal nutrition, veterinary medicines



Annex II

Additives Subject to the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003 for which no application for reevaluation was submitted before the deadline of 8 November 2010.

The additives listed below are additives considered as existing products within the meaning of Article 10(1) of Regulation (EC) No 1831/2003 and for which no application for re-evaluation was submitted by 8 November 2010.

In accordance with Article 10(2) of Regulation (EC) No 1831/2003, the deadline of 8 November 2010 for submitting an application for re-evaluation applied to the following existing products:

- products which were authorised pursuant to Directive 70/524/EEC without a time limit;
- products which were authorised pursuant to Directive 82/471/EEC.

In accordance with Article 10(7) of the same Regulation, the deadline of 8 November 2010 also applied to products used as silage additives.

VERY IMPORTANT NOTE:

- Due to the increasing number of pages, the Register is now split in two separate files, Annex I being the main one. All modifications in this annex II are described at the beginning of Annex I: http://ec.europa.eu/food/safety/animal-feed/feed-additives/eu-register/index_en.htm

Category	Functional Group		Code	Additive	Reference(s) of Community legal act		Date of authorisation	Expiry date of authorisation(s)	Date of first entry in the Register
(Annex I of Reg. 1831/03)		Subclassification			(Title and/or No. of legal measure)	Reference in OJ			
1		Emulsifying and stabilizing agents, thickeners and gelling agents	E 322	Lecithins(only as stabilizing agents, thickeners and gelling agents)	Commission Directive of 12 April 1991 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (91/248/EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 124, 18.05.1991, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1		Binders, anti-caking agents and coagulants	E 330	Citric acid	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017 / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1		Binders, anti-caking agents and coagulants	E 567	Clinoptilolite of volcanic origin [Rabbits]	Reg. (EC) No 2148/2004 / Amended by Reg. (EC) NO 1980/2005 of 05.12.2005 / Amended by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 370, 17.12.2004, p. 24 / Amended by OJ L 318, 05.12.2005, p. 3 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05

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(Annex I of Reg. 1831/03)		Subclassification			(Title and/or No. of legal measure)	Reference in OJ			
1		Binders, anti-caking agents and coagulants	E 598	Synthetic calcium aluminates [Dairy cows; Cattle for fattening; Calves; Lambs; Kids Poultry; Rabbits; Pigs]	Commission Regulation (EC) No 2439/1999 of 17 November 1999 / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 297, 18.11.1999, p. 8 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1		Emulsifying and stabilizing agents, thickeners and gelling agents	E 400	Alginic acid	Commission Directive of 12 April 1991 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (91/248/EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 124, 18.05.1991, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1		Emulsifying and stabilizing agents, thickeners and gelling agents	E 401	Sodium alginate [All species with the exception of Fish; Pets and other non food producing animals (non-food fur animals)]	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1		Emulsifying and stabilizing agents, thickeners and gelling agents	E 402	Potassium alginate	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1		Emulsifying and stabilizing agents, thickeners and gelling agents	E 403	Ammonium alginate [All species or categories of animals with the exception of aquarium fish]	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1		Emulsifying and stabilizing agents, thickeners and gelling agents	E 404	Calcium alginate	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1		Emulsifying and stabilizing agents, thickeners and gelling agents	E 405	Propane-1,2-diol alginate (Propyleneglycol alginate)	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1		Emulsifying and stabilizing agents, thickeners and gelling agents	E 406	Agar [All species with the exception of Pets and other non food producing animals (non-food fur animals)]	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1		Emulsifying and stabilizing agents, thickeners and gelling agents	E 407	Carrageenan [All species with the exception of Pets and other non food producing animals (non-food fur animals)]	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05

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(Annex I of Reg. 1831/03)		Subclassification			(Title and/or No. of legal measure)	Reference in OJ			
1		Emulsifying and stabilizing agents, thickeners and gelling agents	E 411	Tamarind seed flour	Commission Directive of 27 October 1986 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (86/525/EEC)	OJ L 310, 05.11.1986, p. 19	-	Subject to the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003	07.11.05
1		Emulsifying and stabilizing agents, thickeners and gelling agents	E 418	Gellan gum [Dogs; cats]	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1		Emulsifying and stabilizing agents, thickeners and gelling agents	E 420	Sorbitol	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC)	OJ L 245, 12.09.1984, p. 1	-	Subject to the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003	07.11.05
1		Emulsifying and stabilizing agents, thickeners and gelling agents	E 421	Mannitol	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC)	OJ L 245, 12.09.1984, p. 1	-	Subject to the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003	07.11.05
1		Emulsifying and stabilizing agents, thickeners and gelling agents	E 432	Polyoxyethylene (20)-sorbitan monolaurate	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1		Emulsifying and stabilizing agents, thickeners and gelling agents	E 434	Polyoxyethylene (20)-sorbitan monopalmitate	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1		Emulsifying and stabilizing agents, thickeners and gelling agents	E 435	Polyoxyethylene (20)-sorbitan monostearate	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1		Emulsifying and stabilizing agents, thickeners and gelling agents	E 436	Polyoxyethylene (20)-sorbitan tristearate	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1		Emulsifying and stabilizing agents, thickeners and gelling agents	E 460(ii)	Cellulose powder	Commission Directive of 12 April 1991 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (91/248/EEC)	OJ L 124, 18.05.1991, p. 1	-	Subject to the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003	07.11.05
1		Emulsifying and stabilizing agents, thickeners and gelling agents	E 465	Ethylmethylcellulose	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05

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(Annex I of Reg. 1831/03)		Subclassification			(Title and/or No. of legal measure)	Reference in OJ			
1		Emulsifying and stabilizing agents, thickeners and gelling agents	E 473	Sucrose esters of fatty acids (esters of saccharose and edible fatty acids)	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1		Emulsifying and stabilizing agents, thickeners and gelling agents	E 474	Sucroglycerides (mixture of esters of saccharose and mono- and di-glycerides of edible fatty acids)	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1		Emulsifying and stabilizing agents, thickeners and gelling agents	E 475	Polyglycerol esters of non-polymerised edible fatty acids	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1		Emulsifying and stabilizing agents, thickeners and gelling agents	E 477	Mono-esters of propane-1,2-diol (propyleneglycol) and edible fatty acids, alone or in mixtures with diesters	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1		Emulsifying and stabilizing agents, thickeners and gelling agents	E 480	Stearoyl 2-lactylic acid	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1		Emulsifying and stabilizing agents, thickeners and gelling agents	E 481	Sodium stearoyl 2-lactylate	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1		Emulsifying and stabilizing agents, thickeners and gelling agents	E 482	Calcium stearoyl 2-lactylate	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1		Emulsifying and stabilizing agents, thickeners and gelling agents	E 483	Stearyl tartrate	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1		Emulsifying and stabilizing agents, thickeners and gelling agents	E 486	Dextrans	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05

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(Annex I of Reg. 1831/03)		Subclassification			(Title and/or No. of legal measure)	Reference in OJ			
1		Emulsifying and stabilizing agents, thickeners and gelling agents	E 488	Polyoxyethylated glyceride of tallow fatty acids [Calves]	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1		Emulsifying and stabilizing agents, thickeners and gelling agents	E 489	Ether of polyglycerol and of alcohols obtained by the reduction of oleic and palmitic acids [Calves]	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1		Emulsifying and stabilizing agents, thickeners and gelling agents	E 491	Sorbitan monostearate	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1		Emulsifying and stabilizing agents, thickeners and gelling agents	E 492	Sorbitan tristearate	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1		Emulsifying and stabilizing agents, thickeners and gelling agents	E 494	Sorbitan monooleate	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1		Emulsifying and stabilizing agents, thickeners and gelling agents	E 495	Sorbitan monopalmitate	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1		Emulsifying and stabilizing agents, thickeners and gelling agents	E 496	Polyethyleneglycol 6000	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1		Emulsifying and stabilizing agents, thickeners and gelling agents	E 497	Polyoxypropylene-polyoxyethylene polymers (M.W. 6 800-9 000)	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1		Emulsifying and stabilizing agents, thickeners and gelling agents	E 498	Partial polyglycerol esters of polycondensed fatty acids of castor oil [Dogs]	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05

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(Annex I of Reg. 1831/03)		Subclassification			(Title and/or No. of legal measure)	Reference in OJ			
1	a	Preservatives	E 201	Sodium sorbate	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1	a	Preservatives	E 203	Calcium sorbate	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1	a	Preservatives	E 214	Ethyl 4-hydroxybenzoate [Pets]	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1	a	Preservatives	E 215	Sodium ethyl 4-hydroxybenzoate [Pets]	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1	a	Preservatives	E 216	Propyl 4-hydroxybenzoate [Pets]	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1	a	Preservatives	E 217	Sodium propyl 4-hydroxybenzoate [Pets]	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1	a	Preservatives	E 218	Methyl 4-hydroxybenzoate [Pets]	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1	a	Preservatives	E 219	Sodium methyl 4-hydroxybenzoate [Pets]	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1	a	Preservatives	E 222	Sodium bisulphite [Dogs; Cats]	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05

Category	Functional Group		Code	Additive	Reference(s) of Community legal act		Date of authorisation	Expiry date of authorisation(s)	Date of first entry in the Register
(Annex I of Reg. 1831/03)		Subclassification			(Title and/or No. of legal measure)	Reference in OJ			
1	a	Preservatives	E 223	Sodium metabisulphite [Dogs; Cats]	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85/429/EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1	a	Preservatives	E 261	Potassium acetate	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1	a	Preservatives	E 283	Potassium propionate	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1	a	Preservatives	E 285	Methylpropionic acid [Ruminants, at the beginning of rumination]	Commission Directive 92/ 113/EEC of 16 December 1992 amending Council Directive 70/524/EEC concerning additives in feedingstuffs / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 16, 25.01.1993, p. 2 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1	a	Preservatives	E 325	Sodium lactate	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC)	OJ L 245, 12.09.1984, p. 1	-	Subject to the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003	07.11.05
1	a	Preservatives	E 326	Potassium lactate	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC)	OJ L 245, 12.09.1984, p. 1	-	Subject to the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003	07.11.05
1	a	Preservatives	E 331	Sodium citrates [All species or categories of animals]	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85/429/EEC)	OJ L 245, 12.09.1984, p. 1	-	Subject to the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003	07.11.05
1	a	Preservatives	E 332	Potassium citrates [All species or categories of animals]	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85/429/EEC)	OJ L 245, 12.09.1984, p. 1	-	Subject to the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003	07.11.05
1	a	Preservatives	E 333	Calcium citrates	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1	a	Preservatives	E 334	L-Tartaric acid	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05

Category	Functional Group		Code	Additive	Reference(s) of Community legal act		Date of authorisation	Expiry date of authorisation(s)	Date of first entry in the Register
(Annex I of Reg. 1831/03)		Subclassification			(Title and/or No. of legal measure)	Reference in OJ			
1	a	Preservatives	E 335	Sodium L-tartrates	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1	a	Preservatives	E 336	Potassium L-tartrates	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1	a	Preservatives	E 337	Potassium sodium L-tartrate	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1	a	Preservatives	E 507	Hydrochloric acid	Commission Directive of 28 July 1986 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (86/403/EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 233, 20.08.1986, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 16	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1	a	Preservatives	E 513	Sulphuric acid	Commission Directive of 28 July 1986 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (86/403/EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 233, 20.08.1986, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 16	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1	b	Antioxidants	E 308	Synthetic gamma tocopherol	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1	b	Antioxidants	E 309	Synthetic delta tocopherol	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1	b	Antioxidants	E 311	Octyl gallate	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1	b	Antioxidants	E 312	Dodecyl gallate	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05

Category	Functional Group		Code	Additive	Reference(s) of Community legal act		Date of authorisation	Expiry date of authorisation(s)	Date of first entry in the Register
(Annex I of Reg. 1831/03)		Subclassification			(Title and/or No. of legal measure)	Reference in OJ			
1	j	Acidity regulators	E 210	Benzoic acid [pigs for fattening]	Reg (EC) No 757/2007 of 29 June 2007 / Repealed by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 172, 30.06.2007, p. 43	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	29.06.07
1	j	Acidity regulators	E 340(i)	Potassium dihydrogen orthophosphate [Cats; Dogs]	Commission Directive of 27 October 1986 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (86/525/EEC)	OJ L 310, 05.11.1986, p. 19	-	Subject to the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003	07.11.05
1	j	Acidity regulators	E 340(ii)	Dipotassium hydrogen orthophosphate [Cats; Dogs]	Commission Directive of 27 October 1986 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (86/525/EEC)	OJ L 310, 05.11.1986, p. 19	-	Subject to the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003	07.11.05
1	j	Acidity regulators	E 340(iii)	Tripotassium orthophosphate [Cats; Dogs]	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1	j	Acidity regulators	E 342 (i)	Ammonium dihydrogen orthophosphate [Cats; Dogs]	Commission Directive of 27 October 1986 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (86/525/EEC)	OJ L 310, 05.11.1986, p. 19	-	Subject to the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003	07.11.05
1	j	Acidity regulators	E 342 (ii)	Diammonium hydrogen orthophosphate [Cats; Dogs]	Commission Directive of 27 October 1986 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (86/525/EEC)	OJ L 310, 05.11.1986, p. 19	-	Subject to the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003	07.11.05
1	j	Acidity regulators	E 350(i)	Sodium malate (Salt of DL- or L-Malic Acid) [Cats; Dogs]	Commission Directive of 12 April 1991 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (91/248/EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 124, 18.05.1991, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1	j	Acidity regulators	E 450 a (i)	Disodium dihydrogen diphosphate [Cats; Dogs]	Commission Directive of 12 April 1991 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (91/248/EEC)	OJ L 124, 18.05.1991, p. 1	-	Subject to the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003	07.11.05
1	j	Acidity regulators	E 450 a (iv)	Tetrapotassium diphosphate [Cats; Dogs]	Commission Directive of 27 October 1986 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (86/525/EEC)	OJ L 310, 05.11.1986, p. 19	-	Subject to the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003	07.11.05
1	j	Acidity regulators	E 450 b (ii)	Pentapotassium triphosphate [Cats; Dogs]	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1	-	Subject to the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003	07.11.05
1	j	Acidity regulators	E 500(iii)	Sodium sesquicarbonate [Cats; Dogs]	Commission Directive of 27 October 1986 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (86/525/EEC)	OJ L 310, 05.11.1986, p. 19	-	Subject to the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003	07.11.05
1	j	Acidity regulators	E 501(ii)	Potassium hydrogen carbonate [Cats; Dogs]	Commission Directive of 27 October 1986 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (86/525/EEC)	OJ L 310, 05.11.1986, p. 19	-	Subject to the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003	07.11.05

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European Union legislation on feed additives: https://ec.europa.eu/food/safety/animal-feed/feed-additives_en

Category	Functional Group		Code	Additive	Reference(s) of Community legal act		Date of authorisation	Expiry date of authorisation(s)	Date of first entry in the Register
(Annex I of Reg. 1831/03)		Subclassification			(Title and/or No. of legal measure)	Reference in OJ			
1	j	Acidity regulators	E 503(i)	Ammonium carbonate [Cats; Dogs]	Commission Directive of 27 October 1986 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (86/525/EEC)	OJ L 310, 05.11.1986, p. 19	-	Subject to the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003	07.11.05
1	j	Acidity regulators	E 503(ii)	Ammonium hydrogen carbonate [Cats; Dogs]	Commission Directive of 12 April 1991 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (91/248/EEC)	OJ L 124, 18.05.1991, p. 1	-	Subject to the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003	07.11.05
1	j	Acidity regulators	E 507	Hydrochloric acid [Cats; Dogs]	Commission Directive of 27 October 1986 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (86/525/EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 310, 05.11.1986, p. 19 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1	j	Acidity regulators	E 513	Sulphuric acid [Cats; Dogs]	Commission Directive of 27 October 1986 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (86/525/EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 310, 05.11.1986, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 19	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1	j	Acidity regulators	E 525	Potassium hydroxide [Cats; Dogs]	COUNCIL DIRECTIVE of 23 November 1970 concerning additives in feeding-stuffs (70/524/EEC)	OJ L 270, 14.12.1970, p. 1	-	Subject to the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003	07.11.05
1	j	Acidity regulators	E 526	Calcium hydroxide [Cats; Dogs]	COUNCIL DIRECTIVE of 23 November 1970 concerning additives in feeding-stuffs (70/524/EEC)	OJ L 270, 14.12.1970, p. 1	-	Subject to the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003	07.11.05
1	j	Acidity regulators	E 529	Calcium oxide [Cats; Dogs]	Commission Directive of 27 October 1986 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (86/525/EEC)	OJ L 310, 05.11.1986, p. 19	-	Subject to the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003	07.11.05
1	k	1 - Enzyme		Xylanase EC 3.2.1.8 from <i>Trichoderma longibrachiatum</i> rifar IMI SD185	Reg. (EC) 1831/2003 / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 268, 18.10.2003, p. 29 / Withdrawn by OJ L 166, 08.06.2017, p. 1	07.11.2005	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1	k	2 – Microorganisms		<i>Enterococcus faecium</i> BIO 34	Reg. (EC) 1831/2003 / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 268, 18.10.2003, p. 29 / Withdrawn by OJ L 166, 08.06.2017, p. 1	07.11.2005	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1	k	2 – Microorganisms		<i>Lactobacillus salivarius</i> CNCM I-3238 / ATCC 11741	Reg. (EC) 1831/2003 / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 268, 18.10.2003, p. 29 / Withdrawn by OJ L 166, 08.06.2017, p. 1	07.11.2005	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1	k	2 – Microorganisms		<i>Lactobacillus plantarum</i> DSM 11520	Reg. (EC) 1831/2003	OJ L 268, 18.10.2003, p. 29	07.11.2005	Subject to the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003	07.11.05
1	k	2 – Microorganisms		<i>Pediococcus pentosaceus</i> NCIMB 30089	Reg. (EC) 1831/2003 / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 268, 18.10.2003, p. 29	07.11.2005	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05

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European Union legislation on feed additives: https://ec.europa.eu/food/safety/animal-feed/feed-additives_en

Category	Functional Group		Code	Additive	Reference(s) of Community legal act		Date of authorisation	Expiry date of authorisation(s)	Date of first entry in the Register
(Annex I of Reg. 1831/03)		Subclassification			(Title and/or No. of legal measure)	Reference in OJ			
1	k	3- Substances		Sodium bisulphate	Reg. (EC) 1831/2003 / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 268, 18.10.2003, p. 29 / Withdrawn by OJ L 166, 08.06.2017, p. 1	07.11.2005	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
1	k	3- Substances	E 240	Formaldehyde [All species or categories of Animals]	Reg. (EC) 1831/2003 / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 268, 18.10.2003, p. 29 / Withdrawn by OJ L 166, 08.06.2017, p. 1	07.11.2005	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
2	a	Carotenoids and xanthophylls	E 161b	Lutein [Cats & dogs]	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85/429/EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
2	a	Carotenoids and xanthophylls	E 160c	Capsanthin [Turkeys]	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85/429/EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
2	a	Carotenoids and xanthophylls	E 161c	Cryptoxanthin [Poultry]	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
2	a	Carotenoids and xanthophylls	E 160e	Beta-apo-8'-carotenal [Poultry]	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
2	a	Carotenoids and xanthophylls	E 161g	Canthaxanthin [All species and uses with the exception of : - Chickens for fattening and minor poultry species for fattening for uses belonging to the functional group 2 (a) (ii) - Laying poultry and poultry reared for laying for uses belonging to the functional group (a) (ii). - Ornamental birds (including ornamental breeder hens) and ornamental fish for uses belonging to the functional group 2 (a) (iii)]	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05

Category	Functional Group		Code	Additive	Reference(s) of Community legal act		Date of authorisation	Expiry date of authorisation(s)	Date of first entry in the Register
(Annex I of Reg. 1831/03)		Subclassification			(Title and/or No. of legal measure)	Reference in OJ			
2	a	Carotenoids and xanthophylls	E 161j	Astaxantin [All species <u>with the exception of:</u> - Fish and crustaceans for uses belonging to the functional group 2(a) (ii) - Ornamental fish for uses belonging to the functional group 2(a) (iii)]	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017 / Corrected by Commission Implementing Regulation (EU) 2018/353 of 9 March 2018	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1 / Corrected by OJ L 68, 12.03.2018, p. 3	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
2	a	Carotenoids and xanthophylls	E 161z	Astaxantin-rich <i>Phaffia Rhodozyma</i> (ATCC 74219) [Salmon; Trout]	Reg. (EC) No 1288/2004 of 14 July 2004 / Amended by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 243, 15.07.2004, p. 10 / Withdrawn by OJ L 166, 08.06.2017, p. 1	05.08.2004	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
2	a	Other colourants	E 104	Quinoline Yellow [All species except non-food producing animals for uses belonging to the functional group 2(a) (i)]	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017 / Corrected by Commission Implementing Regulation (EU) 2018/353 of 9 March 2018	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1 / Corrected by OJ L 68, 12.03.2018, p. 3	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
2	a	Other colourants	E 142	Acid brilliant green BS / (Lissamine green) as colouring agents authorised for colouring foodstuffs by Community rules [All species or categories of animals with the exception of cats, dogs and ornamental fish]	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
2	a	Other colourants	E 142	Acid brilliant green BS / (Lissamine green) [Cats, Dogs, Ornamental fish]	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
2	a (i)	Other colourants	E 122	Azorubine (carmoisine) as a colouring agent All species with the exception of dogs and cats for uses belonging to the functional group 2(a) (i)]	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) in OJ C 50, 25.02.2004, p. 1 / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017 / Corrected by Commission Implementing Regulation (EU) 2018/353 of 9 March 2018	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1 / Corrected by OJ L 68, 12.03.2018, p. 3		Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	
2	a (iii)	Other colourants	E 153	Carbon black [Ornamental fish]	Commission Directive 94/17/EC of 22 April 1994 amending Council Directive 70/524/EEC concerning additives in feedingstuffs/ Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017 / Corrected by Commission Implementing Regulation (EU) 2018/353 of 9 March 2018	OJ L 105, 26.04.94, p. 19 / Withdrawn by OJ L 166, 08.06.2017, p. 1 / Corrected by OJ L 68, 12.03.2018, p. 3		Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05

Category	Functional Group		Code	Additive	Reference(s) of Community legal act		Date of authorisation	Expiry date of authorisation(s)	Date of first entry in the Register
(Annex I of Reg. 1831/03)		Subclassification			(Title and/or No. of legal measure)	Reference in OJ			
2	a	Other colourants	E 160b	Bixin [Ornamental fish]	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) in OJ C 50, 25.02.2004, p. 1 / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017 / Corrected by Commission Implementing Regulation (EU) 2018/353 of 9 March 2018	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1 / Corrected by OJ L 68, 12.03.2018, p. 3		Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	
2	a	Other colourants	Relevant E number	Colouring agents authorised for colouring foodstuffs by Community rules, with the exception of: - E 141 Chlorophyllin Copper Complex [All species]; - E 150b, E 150c and E 150d Caramel colours [All species]; - E 153 Carbon black [All species] - E 171 Titanium dioxide (anatase & rutile structure) [All species]; - E 172 Iron Oxide Red, Black & Yellow [All species]	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) in OJ C 50, 25.02.2004, p. 1 / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017 / Corrected by Commission Implementing Regulation (EU) 2018/353 of 9 March 2018	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1 / Corrected by OJ L 68, 12.03.2018, p. 3		Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	
2	a	Other colourants	Relevant E number	Colouring agents authorised for colouring foodstuffs by Community rules, with the exception of - E 102 Tartrazine [All species except except dogs and cats]; - E 110 Sunset yellow FCF [All species except except dogs and cats]; - E 120 Carmine (Carmine Lake WSP 50%) [All species except except dogs and cats]; - E 124 Ponceau 4 R [All species except except dogs and cats]; - E 127 Erythrosine [All species except except dogs and cats and reptiles] - E 129 Allura red [All species except except dogs and cats] - E 132 Indigotine [All species except except dogs and cats] - E 133 Brilliant blue FCF [All species except except dogs and cats] - E 160b Bixin [All species except except dogs and cats];	Reg. (EC) No 358/2005 / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017 / Corrected by Commission Implementing Regulation (EU) 2018/353 of 9 March 2018	OJ L 57, 03.03.2005, p. 3 / Withdrawn by OJ L 166, 08.06.2017, p. 1 / Corrected by OJ L 68, 12.03.2018, p. 3		Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05

Category	Functional Group		Code	Additive	Reference(s) of Community legal act		Date of authorisation	Expiry date of authorisation(s)	Date of first entry in the Register
(Annex I of Reg. 1831/03)		Subclassification			(Title and/or No. of legal measure)	Reference in OJ			
2	a	Other colourants	E 102	Tartrazine [All species except ornamental fish, grain-eating ornamental birds and small rodents]	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) in OJ C 50, 25.02.2004, p. 1 / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017 / Corrected by Commission Implementing Regulation (EU) 2018/353 of 9 March 2018	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1 / Corrected by OJ L 68, 12.03.2018, p. 3		Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	
2	a (i)	Colorants, substances that add or restore colour in feedingstuffs	E 131	Patent blue V as colouring agents [all species with the exception of non-food producing animals]					
2	a	Other colourants	E 151	Brilliant Black PN as colouring agents authorised for colouring foodstuffs by Community rules [Dogs; Cats]	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Azorubine or carmoisine is now 2a122. See Commission Implementing Regulation (EU) No 868/2012 of 24 September 2012 / Quinoline Yellow is now 2a104 see Commission Implementing Regulation (EU) 2015/244 of 16 February 2015	OJ C 50, 25.02.2004, p. 1	-	Subject to the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003	07.11.05
2	a	Other colourants	E 120	Carmine (Carmine Lake WSP 50%) as colouring agents authorised for colouring foodstuffs by Community rules [All species with the exception of cats & dogs]	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01)	OJ C 50, 25.02.2004, p. 1			
2	a	Other colourants	E 124	Ponceau 4 R as colouring agents authorised for colouring foodstuffs by Community rules [All species with the exception of cats & dogs]	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01)	OJ C 50, 25.02.2004, p. 1		Subject to the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003	
2	a (iii)	Other colourants	E 124	Ponceau 4 R as colouring agents [All species with the exception of ornamental fish]	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) in OJ C 50, 25.02.2004, p. 1 / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017 / Corrected by Commission Implementing Regulation (EU) 2018/353 of 9 March 2018	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1 / Corrected by OJ L 68, 12.03.2018, p. 3			
2	a	Other colourants	E 127	Erythrosine as colouring agents authorised for colouring foodstuffs by Community rules [All species with the exception of cats & dogs and reptiles]	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) /				

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(Annex I of Reg. 1831/03)		Subclassification			(Title and/or No. of legal measure)	Reference in OJ			
2	a	Other colourants	E 127	Erythrosine as colouring agents [All species with the exception of ornamental fish]	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) in OJ C 50, 25.02.2004, p. 1 / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017 / Corrected by Commission Implementing Regulation (EU) 2018/353 of 9 March 2018	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1 / Corrected by OJ L 68, 12.03.2018, p. 3			
2	a	Other colourants	E 132	Indigotine as colouring agents authorised for colouring foodstuffs by Community rules [All species with the exception of cats & dogs]	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) /				
2	a	Other colourants	E 132	Indigotine as colouring agents [All species with the exception of ornamental fish]	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) in OJ C 50, 25.02.2004, p. 1 / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017 / Corrected by Commission Implementing Regulation (EU) 2018/353 of 9 March 2018	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1 / Corrected by OJ L 68, 12.03.2018, p. 3			
2	a (iii)	Other colourants	E 141	Chlorophyll copper complex as colouring agents [All species except ornamental fish, grain-eating ornamental birds and small rodents]	Regulation (EC) No 2697/2000 and Reg. (EC) No 358/2005 / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017 / Corrected by Commission Implementing Regulation (EU) 2018/353 of 9 March 2018	OJ L 319, 16.12.2000, p. 1 and OJ L 57, 03.03.2005, p. 3 / Withdrawn by OJ L 166, 08.06.2017, p. 1 / Corrected by OJ L 68, 12.03.2018, p. 3			
2	a	Other colourants	E 129	Allura red as colouring agents authorised for colouring foodstuffs by Community rules [All species or categories of animals with the exception of dogs and cats]	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1	-	Subject to the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003	07.11.05
2	a	Other colourants	E 133	Brilliant Blue FCF as colouring agents authorised for colouring foodstuffs by Community rules [All species or categories of animals with the exception of dogs and cats]	Commission Directive of 8 July 1985 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (85 /429/ EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 12.09.1984, p. 1	-	Subject to the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003	07.11.05
2	a	Other colourants	E 110	Sunset yellow FCF as colouring agents authorised for colouring foodstuffs by Community rules [All species with the exception of cats and dogs]					

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2	a	Other colourants	E 110	Sunset yellow FCF As colourants [All species except ornamental fish, grain-eating ornamental birds and small rodents]	Reg. (EC) No 358/2005 / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017 / Corrected by Commission Implementing Regulation (EU) 2018/353 of 9 March 2018	OJ L 57, 03.03.2005, p. 3 / Withdrawn by OJ L 166, 08.06.2017, p. 1 / Corrected by OJ L 68, 12.03.2018, p. 3		Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
2	a	Other colourants	E 172	Iron Oxide Red, Black & Yellow as colouring agents authorised for colouring foodstuffs by Community rules [Horses]	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Azorubine or carmoisine is now 2a122. See Commission Implementing Regulation (EU) No 868/2012 of 24 September 2012 / Quinoline Yellow is now 2a104 see Commission Implementing Regulation (EU) 2015/244 of 16 February 2015	OJ C 50, 25.02.2004, p. 1		Subject to the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003	07.11.05
2	b	natural or corresponding synthetic chemically defined flavourings		CAS No. 107-85-7 / 3-Methylbutylamine / Flavis No. 11.001 [Laying hens]	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
2	b	natural or corresponding synthetic chemically defined flavourings		CAS No. 352195-40-5 / Disodium Inosine-5-Mono-phosphate (IMP)	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01)	OJ C 50, 25.02.2004, p. 1	-	Subject to the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003	07.11.05
2	b	natural or corresponding synthetic chemically defined flavourings		CAS No. 1128-08-1 / 3-Methyl-2-pentylcyclopent-2-en-1-one / Flavis No. 07.140	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01)	OJ C 50, 25.02.2004, p. 1	-	Subject to the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003	07.11.05
2	b	natural or corresponding synthetic chemically defined flavourings		CAS No. 134-20-3 / Methyl anthranilate / Flavis No. 09.715 [Avian species]	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1		Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
2	b	natural or corresponding synthetic chemically defined flavourings		CAS No. 16630-52-7 / 3-(Methylthio)butanal / Flavis No. 12.056	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1		Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
2	b	natural or corresponding synthetic chemically defined flavourings		CAS No. 2179-60-4 / Methyl propyl disulfide / Flavis No. 12.019	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1		Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05

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(Annex I of Reg. 1831/03)		Subclassification			(Title and/or No. of legal measure)	Reference in OJ			
2	b	natural or corresponding synthetic chemically defined flavourings		CAS No. 36431-72-8 / Theaspirane / Flavis No. 13.098	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1		Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
2	b	natural or corresponding synthetic chemically defined flavourings		CAS No. 3738-00-9 / 1,5,5,9-Tetramethyl-13-oxatricyclo [8.3.0.0.(4.9)]tridecane / Flavis No. 13.072	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1		Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
2	b	natural or corresponding synthetic chemically defined flavourings		CAS No. 40789-98-8 / 3-Mercaptobutan-2-one / Flavis No. 12.047	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1		Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
2	b	natural or corresponding synthetic chemically defined flavourings		CAS No. 43040-01-3 / 3-Methyl-1,2,4-trithiane / Flavis No. 15.036	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1		Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
2	b	natural or corresponding synthetic chemically defined flavourings		CAS No. 495-62-5 / 1,4(8),12-Bisabolatriene / Flavis No. 01.016	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1		Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
2	b	natural or corresponding synthetic chemically defined flavourings		CAS No. 516-06-3 / (DL-) Valine / Flavis No. 17.023	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1		Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
2	b	natural or corresponding synthetic chemically defined flavourings		CAS No. 5756-24-1 / Dimethyl tetrasulfide / Flavis No. 12.116	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1		Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
2	b	natural or corresponding synthetic chemically defined flavourings		CAS No. 593-81-7 / Trimethylamine hydrochloride / Flavis No. 11.024 [Laying hens]	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1		Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05

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(Annex I of Reg. 1831/03)		Subclassification			(Title and/or No. of legal measure)	Reference in OJ			
2	b	natural or corresponding synthetic chemically defined flavourings		CAS No. 6028-61-1 / Dipropyl trisulfide / Flavis No. 12.023	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
2	b	natural or corresponding synthetic chemically defined flavourings		CAS No. 6627-88-9 / 4-Allyl-2,6-dimethoxyphenol / Flavis No. 04.051 [Fish and poultry]	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1		Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
2	b	natural or corresponding synthetic chemically defined flavourings		CAS No. 689-67-8 / 6,10-Dimethyl-5,9-undecadien-2-one / Flavis No. 07.216	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1		Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
2	b	natural or corresponding synthetic chemically defined flavourings		CAS No. 75-50-3 / Trimethylamine / Flavis No. 11.009 [Laying hens]	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1		Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
2	b	natural or corresponding synthetic chemically defined flavourings		CAS No. 78-98-8 / 2-Oxopropanal / Flavis No. 7.001	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
2	b	natural or corresponding synthetic chemically defined flavourings		CAS No. 85-91-6 / Methyl N-methylantranilate / Flavis No. 09.781 [Avian species]	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
2	b	natural or corresponding synthetic chemically defined flavourings	2	CAS No. 93-28-7 / Eugenyl acetate / Flavis No. 09.020 [Poultry and fish]	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
2	b	natural or corresponding synthetic chemically defined flavourings		CAS No. 97-53-0 / Eugenol / Flavis No. 04.003 [Fish]	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05

Category	Functional Group		Code	Additive	Reference(s) of Community legal act		Date of authorisation	Expiry date of authorisation(s)	Date of first entry in the Register
(Annex I of Reg. 1831/03)		Subclassification			(Title and/or No. of legal measure)	Reference in OJ			
2	b	natural products - botanically defined		Birch tincture CoE 88	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
2	b	natural products - botanically defined		<i>Vitis vinifera</i> L.: Grape seed extract CoE 485	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01)	OJ C 50, 25.02.2004, p. 1	-	Subject to the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003	07.11.05
3	a	Chemically well defined substances having a similar biological effect to vitamins		Betaine [All forms with the exception of betaine anhydrous and betaine hydrochloride]	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
3	a	Vitamins and provitamins		Biotin (all forms with the exception of D-(+)-biotin)	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
3	a	Chemically well defined substances having a similar biological effect to vitamins		Carnitine [All forms with the exception of L carnitine and L carnitine tartrate]	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
3	a	Chemically well defined substances having a similar biological effect to vitamins		Folate [All forms of folate with the exception of folic acid]	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
3	a	Chemically well defined substances having a similar biological effect to vitamins		Inositol [All species with the exception of fish and crustacean]	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
3	a	Chemically well defined substances having a similar biological effect to vitamins		Omega-3 Essential Unsaturated Fatty acids	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
3	a	Chemically well defined substances having a similar biological effect to vitamins		Omega-6 Essential Unsaturated Fatty acids (all with exception of octadecadienoic acid)	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05

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(Annex I of Reg. 1831/03)		Subclassification			(Title and/or No. of legal measure)	Reference in OJ			
3	a	Chemically well defined substances having a similar biological effect to vitamins		Omega-6 Essential Unsaturated Fatty acids (as octadecadienoic acid) [All species with the exception of Pigs for fattening; Sows for reproduction; Sows, in order to have benefit in piglets; Cows for reproduction; Dairy cows for milk production]	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
3	a	Chemically well defined substances having a similar biological effect to vitamins		Taurine [All species with the exception of canidae, felidae mustelidae and carnivorous fish]	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
3	a	Vitamins and provitamins		Choline (All forms with the exception of choline chloride)	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
3	a	Vitamins and provitamins		Niacin (All forms of niacin with the exception of niacin 99% and niacinamide)	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
3	a	Vitamins and provitamins		Para-amino benzoic acid (PABA)	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
3	a	Vitamins and provitamins		Pantothenic acid (All forms of pantothenic acid with the exception of Calcium-D-pantothenate and D-panthenol)	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
3	a	Vitamins and provitamins		Thiamine (All forms with the exception of thiamine hydrochloride and thiamine mononitrate)	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
3	a	Vitamins and provitamins	E 672	Vitamin A. all forms with the exception of Retinyl acetate, Retinyl palmitate and Retinyl propionate	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 270, 14.12.1970, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05

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3	a	Vitamins and provitamins		Vitamin B₆ / all forms with the exception of pyridoxine hydrochloride	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
3	a	Vitamins and provitamins		Vitamin C [All forms with the exception of ascorbic acid, sodium ascorbyl phosphate, sodium calcium ascorbyl phosphate]	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 270, 14.12.1970, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
3	a	Vitamins and provitamins	E 670	Vitamin D / Vitamin D2 [Pigs; Piglets; Bovines; Ovines; Calves; Equines; Other species or categories of animals with the exception of poultry and fish]	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ C 50, 25.02.2004, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
3	a	Vitamins and provitamins		Vitamin E (All forms with the exception of all-rac-alpha-tocopheryl acetate, RRR-alpha-tocopheryl acetate and RRR alpha tocopherol I)	Council Directive 70/524/EEC concerning additives in feedingstuffs – List of authorised additives in feedingstuffs (2004/C 50/01) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 270, 14.12.1970, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
3	a	Vitamins and provitamins		Vitamin K All forms of Vitamin K except Vitamin K ₃ menadione nicotinamide bisulphite and menadione sodium bisulphite	Commission Directive of 12 April 1991 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (91/248/EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 124, 18.05.1991, p. 1 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	21.04.06
3	b	Trace elements	E 1	Iron - Fe , Ferrous chloride, tetrahydrate	Council Directive of 23 November 1970 concerning additives in feeding-stuffs (70/524/EEC) / amended by Reg. (EC) No 1334/2003 / Corrected by Reg.(EC) No 2112/2003 / <i>Corrigendum</i> OJ L 14, 21.01.2004, p. 54 / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 270, 14.12.1970, p. 1 / Amended by OJ L 187, 26.07.2003, p. 11 / OJ L 317, 02.12.2003, p. 22 / <i>Corrigendum</i> OJ L 14, 21.01.2004, p. 54 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05

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(Annex I of Reg. 1831/03)		Subclassification			(Title and/or No. of legal measure)	Reference in OJ			
3	b	Trace elements	E 1	Iron - Fe , Ferrous citrate, hexahydrate	Council Directive of 23 November 1970 concerning additives in feeding-stuffs (70/524/EEC) / amended by Reg. (EC) No 1334/2003 / Corrected by Reg.(EC) No 2112/2003 / <i>Corrigendum</i> OJ L 14, 21.01.2004, p. 54 / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 270, 14.12.1970, p.1 / Amended by OJ L 187, 26.07.2003, p. 11 / OJ L 317, 02.12.2003, p. 22 / <i>Corrigendum</i> OJ L 14, 21.01.2004, p. 54 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
3	b	Trace elements	E 1	Iron - Fe , Ferrous lactate, trihydrate	Council Directive of 23 November 1970 concerning additives in feeding-stuffs (70/524/EEC) / amended by Reg. (EC) No 1334/2003 / Corrected by Reg.(EC) No 2112/2003 / <i>Corrigendum</i> OJ L 14, 21.01.2004, p. 54 / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 270, 14.12.1970, p.1 / Amended by OJ L 187, 26.07.2003, p. 11 / OJ L 317, 02.12.2003, p. 22 / <i>Corrigendum</i> OJ L 14, 21.01.2004, p. 54 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
3	b	Trace elements	E 2	Iodine - I , Calcium iodate, hexahydrate	Council Directive of 23 November 1970 concerning additives in feeding-stuffs (70/524/EEC) / amended by Reg. (EC) No 1459/2005 / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 270, 14.12.1970, p.1 / Amended by OJ L 233, 09.09.2005, p. 8 / Withdrawn by OJ L 166, 08.06.2017, p. 1	29.09.2005	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
3	b	Trace elements	E 2	Iodine - I , Sodium iodide	Council Directive of 23 November 1970 concerning additives in feeding-stuffs (70/524/EEC) / amended by Reg. (EC) No 1459/2005 / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 270, 14.12.1970, p.1 / Amended by OJ L 233, 09.09.2005, p. 8 / Withdrawn by OJ L 166, 08.06.2017, p. 1	29.09.2005	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05

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(Annex I of Reg. 1831/03)		Subclassification			(Title and/or No. of legal measure)	Reference in OJ			
3	b	Trace elements	E 4	Copper - Cu, Cupric methionate	Council Directive of 23 November 1970 concerning additives in feeding-stuffs (70/524/EEC) / Amended by Commission Regulation (EC) No 2316/98 of 26 October 1998 / Amended by Reg. (EC) No 1334/2003 / Corrigendum / Amended by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 270, 14.12.1970, p.1 / Amended by OJ L 289, 28.10.1998, p. 4 / Amended by OJ L 187, 26.07.2003, p. 11 / Corrigendum in OJ L 14, 21.01.2004, p. 54 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
3	b	Trace elements	E 5	Manganese - Mn, Manganic oxide	Council Directive of 23 November 1970 concerning additives in feeding-stuffs (70/524/EEC) / Amended by Commission Regulation (EC) No 2316/98 of 26 October 1998 / Amended by Reg. (EC) No 1334/2003 / Corrigendum / Amended by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 270, 14.12.1970, p.1 / Amended by OJ L 289, 28.10.1998, p. 4 / Amended by OJ L 187, 26.07.2003, p. 11 / Corrigendum OJ L 14, 21.01.2004, p. 54 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
3	b	Trace elements	E 5	Manganese - Mn, Manganomanganic oxide	Commission Regulation (EC) No 871/2003 of 20 May 2003 / amended by Reg. (EC) No 1334/2003 / Corrigendum / Repealed by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 125, 21.05.2003, p.3 / Amended by OJ L 187, 26.07.2003, p. 11 / Corrigendum OJ L 14, 21.01.2004, p. 54 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
3	b	Trace elements	E 5	Manganese – Mn, Manganous carbonate	Council Directive of 23 November 1970 concerning additives in feeding-stuffs (70/524/EEC) / Amended by Commission Regulation (EC) No 2316/98 of 26 October 1998 / Amended by Reg. (EC) No 1334/2003 / Corrigendum / Amended by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 270, 14.12.1970, p.1 / Amended by OJ L 289, 28.10.1998, p. 4 / Amended by OJ L 187, 26.07.2003, p. 11 / Corrigendum OJ L 14, 21.01.2004, p. 54 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05

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3	b	Trace elements	E 5	Manganese - Mn, Manganous hydrogen phosphate, trihydrate	Council Directive of 23 November 1970 concerning additives in feeding-stuffs (70/524/EEC) / Amended by Commission Regulation (EC) No 2316/98 of 26 October 1998 / Amended by Reg. (EC) No 1334/2003 / Corrigendum / Amended by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 270, 14.12.1970, p.1 / Amended by OJ L 289, 28.10.1998, p. 4 / Amended by OJ L 187, 26.07.2003, p. 11 / Corrigendum OJ L 14, 21.01.2004, p. 54 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
3	b	Trace elements	E 5	Manganese - Mn, Manganous sulphate, tetrahydrate	Council Directive of 23 November 1970 concerning additives in feeding-stuffs (70/524/EEC) / Amended by Commission Regulation (EC) No 2316/98 of 26 October 1998 / Amended by Reg. (EC) No 1334/2003 / Corrigendum / Amended by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 270, 14.12.1970, p.1 / Amended by OJ L 289, 28.10.1998, p. 4 / Amended by OJ L 187, 26.07.2003, p. 11 / Corrigendum OJ L 14, 21.01.2004, p. 54 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
3	b	Trace elements	E 6	Zinc - Zn, Zinc carbonate	Council Directive of 23 November 1970 concerning additives in feeding-stuffs (70/524/EEC) / Amended by Commission Regulation (EC) No 2316/98 of 26 October 1998 / Amended by Reg. (EC) No 1334/2003 / Corrigendum / Amended by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 270, 14.12.1970, p.1 / Amended by OJ L 289, 28.10.1998, p. 4 / Amended by OJ L 187, 26.07.2003, p. 11 / Corrigendum OJ L 14, 21.01.2004, p. 54 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	05.12.05
3	b	Trace elements	E 6	Zinc – Zn, Zinc chloride, monohydrate	Council Directive of 23 November 1970 concerning additives in feeding-stuffs (70/524/EEC) / Amended by Commission Regulation (EC) No 2316/98 of 26 October 1998 / Amended by Reg. (EC) No 1334/2003 / Corrigendum / Amended by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 270, 14.12.1970, p.1 / Amended by OJ L 289, 28.10.1998, p. 4 / Amended by OJ L 187, 26.07.2003, p. 11 / Corrigendum OJ L 14, 21.01.2004, p. 54 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	05.12.05

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(Annex I of Reg. 1831/03)		Subclassification			(Title and/or No. of legal measure)	Reference in OJ			
3	b	Trace elements	E 6	Zinc - Zn , Zinc lactate, trihydrate	Council Directive of 23 November 1970 concerning additives in feeding-stuffs (70/524/EEC) / Amended by Commission Regulation (EC) No 2316/98 of 26 October 1998 / Amended by Reg. (EC) No 1334/2003 / <i>Corrigendum</i> / Amended by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 270, 14.12.1970, p.1 / Amended by OJ L 289, 28.10.1998, p. 4 / Amended by OJ L 187, 26.07.2003, p. 11 / <i>Corrigendum</i> OJ L 14, 21.01.2004, p. 54 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	05.12.05
3	b	Trace elements	E 7	Molybdenum - Mo , Ammonium molybdate	Commission Directive of 28 July 1986 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (86/403/EEC / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 233, 20.08.1986, p. 16 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
3	b	Trace elements	E 7	Molybdenum – Mo , Sodium molybdate [All animal species with exception of sheep]	Commission Directive of 28 July 1986 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (86/403/EEC)	OJ L 233, 20.08.1986, p. 16	-	Subject to the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003	07.11.05
3	b	Trace elements	E 8	Selenium – Se , Sodium selenate	Commission Directive of 28 July 1986 amending the Annexes to Council Directive 70/524/EEC concerning additives in feedingstuffs (86/403/EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 233, 20.08.1986, p. 16 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
3	c	Amino acids produced by hydrolysis of proteins, not covered by Directive 82/471/EEC and not notifiable by Art. 10 of Reg. 1831/2003/EC	-	Amino acids produced by hydrolysis of proteins, not covered by Directive 82/471/EEC and not notifiable by Art. 10 of Reg. 1831/2003/EC	-	-	-	Subject to the provisions of Art. 10 § 2 of Reg. (EC) No 1831/2003	07.11.05
3	c	Amino acids, their salts and analogues	3.1.3.	Methionine / Methionine-zinc, technically pure	Commission Directive of 26 July 1988 amending the Annex to Council Directive 82/471/EEC concerning certain products used in animal nutrition (88/48 5/EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 239, 30.08.1988, p. 36 / Withdrawn by OJ L 166, 08.06.2017, p. 1	3	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05

Category	Functional Group		Code	Additive	Reference(s) of Community legal act		Date of authorisation	Expiry date of authorisation(s)	Date of first entry in the Register
(Annex I of Reg. 1831/03)		Subclassification			(Title and/or No. of legal measure)	Reference in OJ			
3	c	Amino acids, their salts and analogues	3.2.1.	Lysine / L-lysine, technically pure	Commission Directive of 26 July 1988 amending the Annex to Council Directive 82/471/EEC concerning certain products used in animal nutrition (88/48 5/EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 239, 30.08.1988, p. 36 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
3	c	Amino acids, their salts and analogues	3.4.2.	DL-Tryptophan, technically Pure	Commission Directive of 26 July 1988 amending the Annex to Council Directive 82/471/EEC concerning certain products used in animal nutrition (88/48 5/EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 239, 30.08.1988, p. 36 / Withdrawn by OJ L 166, 08.06.2017, p. 1	3	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
3	d	Urea and its derivatives	2.1.2.	Biuret, technically pure [Ruminants from the beginning of rumination]	Commission Directive of 26 July 1984 amending the Annex to Council Directive 82/471/EEC concerning certain products used in animal nutrition (84/443/EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 14.09.1984, p. 21 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
3	d	Urea and its derivatives	2.1.3.	Urea-phosphate, technically pure [Ruminants from the beginning of rumination]	Commission Directive of 26 July 1984 amending the Annex to Council Directive 82/471/EEC concerning certain products used in animal nutrition (84/443/EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 14.09.1984, p. 21 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
3	d	Urea and its derivatives	2.1.4.	Diureidobutane, technically pure [Ruminants from the beginning of rumination]	Commission Directive of 26 July 1984 amending the Annex to Council Directive 82/471/EEC concerning certain products used in animal nutrition (84/443/EEC) / Withdrawn by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 245, 14.09.1984, p. 21 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
		Enzymes	E 1600	3-Phytase / EC 3.1.3.8 produced by <i>Aspergillus niger</i> (CBS 114.94) [Turkeys for fattening]	Reg. (EC) No 277/2004 / Repealed by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 47, 18.02.2004, p. 20 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
		Enzymes	E 1600	3-Phytase / EC 3.1.3.8 produced by <i>Aspergillus niger</i> (CBS 114.94) [Piglets; Pigs for fattening; Sows; Chickens for fattening; Laying hens]	Commission Regulation (EC) No 1353/2000 / Amended by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 155, 28.06.2000, p. 15 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
		Enzymes	E 1605	Endo-1,4-beta-xylanase / EC 3.2.1.8 produced by <i>Aspergillus niger</i> (CBS 520.94) [Chickens for fattening]	Reg. (EC) No 1259/2004 / Amended by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 239, 9.07.2004, p. 8 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05

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European Union legislation on feed additives: https://ec.europa.eu/food/safety/animal-feed/feed-additives_en

Category	Functional Group		Code	Additive	Reference(s) of Community legal act		Date of authorisation	Expiry date of authorisation(s)	Date of first entry in the Register
(Annex I of Reg. 1831/03)		Subclassification			(Title and/or No. of legal measure)	Reference in OJ			
	Enzymes		E 1608	Endo-1,4-beta-xylanase / EC 3.2.1.8 / Endo-1,4-beta-glucanase / EC 3.2.1.4 produced by <i>Humicola insolens</i> (DSM 10442) [Chickens for fattening]	Reg. (EC) No 1332/2004 / Repealed by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 247, 21.07.2004, p. 8 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
	Enzymes		E 1609	Endo-1,4-beta-xylanase / EC 3.2.1.8 / Endo-1,4-beta-glucanase / EC 3.2.1.4 produced by <i>Aspergillus niger</i> (CBS 600.94) (Coated, solid and liquid forms) [Chickens for fattening; Turkeys for fattening; Piglets (weaned)]	Reg. (EC) No 1453/2004 of 16 August 2004 / Amended by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 269, 17.08.2004, p. 3 / Withdrawn by OJ L 166, 08.06.2017, p. 1	06.09.2004	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
	Enzymes		E 1609	Endo-1,4-beta-xylanase / EC 3.2.1.8 / Endo-1,4-beta-glucanase / EC 3.2.1.4 produced by <i>Aspergillus niger</i> (CBS 600.94) (Granulate form) [Chickens for fattening; Turkeys for fattening; Piglets (weaned)]	Reg. (EC) No 773/2006 / Corrigendum CS 14.06.2006 / Amended by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 135, 23.05.2006, p. 3 / Corrigendum CS OJ L 160, 14.06.2006, p. 19 / Withdrawn by OJ L 166, 08.06.2017, p. 1	12.06.2006	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	23.05.06
	Enzymes		E 1610	Endo-1,4-beta-glucanase / EC 3.2.1.4 / Endo-1,4-beta-xylanase / EC 3.2.1.8 produced by <i>Aspergillus niger</i> (CBS 600.94) [Chickens for fattening]	Reg. (EC) No 1453/2004 of 16 August 2004 / Amended by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 269, 17.08.2004, p. 3 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
	Enzymes		E 1611	Endo-1,3(4)-beta-glucanase / EC 3.2.1.6 produced by <i>Trichoderma longibrachiatum</i> (ATCC 2106) / Endo-1,4-beta-xylanase / EC 3.2.1.8 produced by <i>Trichoderma longibrachiatum</i> (IMI SD 135) / Polygalacturonase / EC 3.2.1.15 produced by <i>Aspergillus aculeatus</i> (CBS 589.94) [Pigs for fattening]	Reg. (EC) No 1453/2004 of 16 August 2004 / Amended by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 269, 17.08.2004, p. 3 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
	Enzymes		E 1614	6-Phytase / EC 3.1.3.26 produced by <i>Aspergillus oryzae</i> (DSM 11857) [Chickens for fattening; Laying hens; Turkeys for fattening; Piglets; Pigs for fattening; Sows]	Reg. (EC) No 1465/2004 of 17 August 2004 / Repealed by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 270, 18.08.2004, p. 11 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
	Enzymes		E 1615	Endo-1,3(4)-beta-glucanase / EC 3.2.1.6 produced by <i>Trichoderma longibrachiatum</i> (CNCM MA 6-10 W) [Chickens for fattening]	Reg. (EC) No 2148/2004 of 16 December 2004 / Amended by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 370, 17.12.2004, p. 24 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05

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(Annex I of Reg. 1831/03)		Subclassification			(Title and/or No. of legal measure)	Reference in OJ			
	Enzymes		E 1618	Endo-1,4-beta-xylanase / EC 3.2.1.8 produced by <i>Aspergillus niger</i> (CBS 270.95) [Chickens for Fattening; Turkeys for Fattening]	Reg. (EC) No 255/2005 / Amended by Reg. (EU) No 171/2011 / Amended by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 45, 16.02.2005, p. 3 / Amended by OJ L 49, 24.02.2011, p. 11 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
	Enzymes		E 1619	Alpha-amylase / EC 3.2.1.1 / Endo-1,3(4)-beta-glucanase / EC 3.2.1.6 produced by <i>Bacillus amyloliquefaciens</i> (DSM 9553) [Chickens for fattening]	Reg. (EC) No 358/2005 of 2 March 2005 / Amended by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 57, 03.03.2005, p. 3 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
	Enzymes		E 1622	Endo-1,3(4)-beta-glucanase / EC 3.2.1.6 / Endo-1,4-beta-xylanase / EC 3.2.1.8 produced by <i>Trichoderma longibrachiatum</i> (CBS 357.94) [Chickens for fattening]	Reg. (EC) No 358/2005 of 2 March 2005 / Amended by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 57, 03.03.2005, p. 3 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
	Enzymes		E 1623	Preparation of endo-1,3(4)-betaglucanase / EC 3.2.1.6 produced by <i>Trichoderma longibrachiatum</i> (ATCC 2106), endo-1,4-beta-xylanase / EC 3.2.1.8 produced by <i>Trichoderma longibrachiatum</i> (ATCC 2105) and subtilisin / EC 3.4.21.62 produced by <i>Bacillus subtilis</i> (ATCC 2107) [Chickens for fattening]	Reg. (EC) No 521/2005 of 1 April 2005 / Amended by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 84, 02.04.2005, p. 3 / Withdrawn by OJ L 166, 08.06.2017, p. 1	07.04.2005	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
	Enzymes		E 1624	Preparation of endo-1,3(4)-beta-glucanase / EC 3.2.1.6 produced by <i>Trichoderma longibrachiatum</i> (ATCC 2106), endo-1,4-beta-xylanase / EC 3.2.1.8 produced by <i>Trichoderma longibrachiatum</i> (IMI SD 135) and alpha-amylase / EC 3.2.1.1 produced by <i>Bacillus amyloliquefaciens</i> (DSM 9553) [Piglets (Weaned)]	Reg. (EC) No 833/2005 of 31 May 2005 / Repealed by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 138, 01.06.2005, p. 5 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
	Enzymes		E 1625	Preparation of endo-1,3(4)-beta-glucanase / EC 3.2.1.6 produced by <i>Trichoderma longibrachiatum</i> (ATCC 2106), endo-1,4-beta-xylanase / EC 3.2.1.8 produced by <i>Trichoderma longibrachiatum</i> (IMI SD 135), alpha-amylase / EC 3.2.1.1 produced by <i>Bacillus amyloliquefaciens</i> (DSM 9553) and polygalacturonase / EC 3.2.1.15 produced by <i>Aspergillus aculeatus</i> (CBS 589.94) [Piglets (Weaned)]	Reg. (EC) No 833/2005 of 31 May 2005 / Repealed by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 138, 01.06.2005, p. 5 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05

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(Annex I of Reg. 1831/03)		Subclassification			(Title and/or No. of legal measure)	Reference in OJ			
		Enzymes	E 1626	Preparation of endo-1,4-beta-xylanase / EC 3.2.1.8 produced by <i>Trichoderma longibrachiatum</i> (ATCC 2105) and subtilisin / EC 3.4.21.62 produced by <i>Bacillus subtilis</i> (ATCC 2107) [Piglets (Weaned)]	Reg. (EC) No 833/2005 of 31 May 2005 / Repealed by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 138, 01.06.2005, p. 5 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
		Enzymes	E 1627	Preparation of endo-1,3(4)-betaglucanase / EC 3.2.1.6 produced by <i>Trichoderma longibrachiatum</i> (ATCC 2106) and endo-1,4-betaxylanase / EC 3.2.1.8 produced by <i>Trichoderma longibrachiatum</i> (ATCC 2105) [Pigs for fattening]	Reg. (EC) No 833/2005 of 31 May 2005 / Amended by Reg. (EC) No 1812/2005 / Repealed by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 138, 01.06.2005, p. 5 / Amended by OJ L 291, 05.11.2005, p. 18 / Withdrawn by OJ L 166, 08.06.2017, p. 1	25.11.2005	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
		Enzymes	E 1628	Endo-1,4-beta-xylanase / EC 3.2.1.8 produced by <i>Trichoderma longibrachiatum</i> (ATCC 2105) [Pigs for fattening]	Commission Regulation (EC) No 1284/2006 of 29 August 2006 / Amended by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 235, 30.08.2006, p. 3 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	05.09.06
		Enzymes	E 1628	Endo-1,4-beta-xylanase / EC 3.2.1.8 produced by <i>Trichoderma longibrachiatum</i> (ATCC 2105) [Piglets (Weaned)]	Reg. (EC) No 1443/2006 of 29 September 2006 / Amended by Reg. (EC) No 887/2009 of 25 September 2009 in OJ L 254, 26.09.09, p. 68 / Repealed by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 271, 30.09.2006, p. 12 / Amended by OJ L 254, 26.09.09, p. 68 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	02.10.06
		Enzymes	E 1628	Endo-1,4-beta-xylanase / EC 3.2.1.8 produced by <i>Trichoderma longibrachiatum</i> (ATCC 2105) [Chickens for fattening]	Reg. (EC) No 833/2005 of 31 May 2005 / Repealed by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 138, 01.06.2005, p. 5 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
		Enzymes	E 1629	Preparation of endo-1,4-beta-xylanase / EC 3.2.1.8 produced by <i>Trichoderma longibrachiatum</i> (ATCC 2105) and endo-1,3(4)-betaglucanase / EC 3.2.1.6 produced by <i>Trichoderma longibrachiatum</i> (ATCC 2106) [Chickens for fattening]	Reg. (EC) No 833/2005 of 31 May 2005 / Repealed by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 138, 01.06.2005, p. 5 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
		Enzymes	E 1630	Preparation of endo-1,4-betaxylanase / EC 3.2.1.8 produced by <i>Trichoderma longibrachiatum</i> (ATCC 2105) and subtilisin / EC 3.4.21.62 produced by <i>Bacillus subtilis</i> (ATCC 2107) [Chickens for fattening]	Reg. (EC) No 943/2005 of 21 June 2005 / Amended by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 159, 22.06.2005, p. 6 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05

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(Annex I of Reg. 1831/03)		Subclassification			(Title and/or No. of legal measure)	Reference in OJ			
		Enzymes	E 1631	Preparation of endo-1,3(4)-betaglucanase / EC 3.2.1.6 produced by <i>Trichoderma longibrachiatum</i> (ATCC 2106) and endo-1,4-beta-xylanase / EC 3.2.1.8 produced by <i>Trichoderma longibrachiatum</i> (IMI SD 135) [Chickens for fattening]	Reg. (EC) No 943/2005 of 21 June 2005 / Amended by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 159, 22.06.2005, p. 6 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
		Enzymes	E 1632	3-Phytase / EC 3.1.3.8 produced by <i>Trichoderma reesei</i> (CBS 528.94) [Piglets (Weaned); Pigs for fattening]	Reg. (EC) No 943/2005 of 21 June 2005 / Amended by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 159, 22.06.2005, p. 6 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
		Enzymes	E 1632	3-Phytase / EC 3.1.3.8 produced by <i>Trichoderma reesei</i> (CBS 528.94) [Chickens for fattening]	Reg. (EC) No 252/2006 / Amended by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 44, 15.02.2006, p. 3 / Withdrawn by OJ L 166, 08.06.2017, p. 1	07.03.2006	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	15.02.06
		Enzymes	E 1633	Preparation of endo-1,3(4)-betaglucanase / EC 3.2.1.6 produced by <i>Trichoderma longibrachiatum</i> (ATCC 2106), endo-1,4-beta-xylanase / EC 3.2.1.8 produced by <i>Trichoderma longibrachiatum</i> (ATCC 2105) and subtilisin / EC 3.4.21.62 produced by <i>Bacillus subtilis</i> (ATCC 2107) [Chickens for fattening]	Reg. (EC) No 1206/2005 / Amended by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 197, 28.07.2005, p. 12 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
		Enzymes	E 1634	Preparation of endo-1,3(4)-beta-glucanase produced by <i>Aspergillus niger</i> (MUCL 39199) [Chickens for fattening]	Commission Regulation (EC) No 1458/2005 of 8 September 2005 / Amended by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 233, 09.09.2005, p. 3 / Withdrawn by OJ L 166, 08.06.2017, p. 1	28.08.2005	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	29.08.05
		Enzymes	E 1635	Endo-1,3(4)-beta-glucanase / EC 3.2.1.6 produced by <i>Trichoderma longibrachiatum</i> (ATCC 2106) [Chickens for fattening]	Reg. (EC) No 1811/2005 / Amended by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 291, 05.11.2005, p. 12 / Withdrawn by OJ L 166, 08.06.2017, p. 1	25.11.2005	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
		Enzymes	E 1636	Preparation of endo-1,3(4)-beta-glucanase produced by <i>Trichoderma reesei</i> (CBS 526.94 / EC 3.2.1.6) [Chickens for fattening]	Reg. (EC) No 2036/2005 of 14 December 2005 / Corrigendum CS in OJ L 143 of 3 June 2008 / Amended by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 328, 15.12.2005, p. 13 / Corrigendum CS in OJ L 143, 03.06.2008, p. 55 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	15.12.05

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(Annex I of Reg. 1831/03)		Subclassification			(Title and/or No. of legal measure)	Reference in OJ			
	Enzymes		E 1636	Preparation of endo-1,3(4)-beta-glucanase produced by <i>Trichoderma reesei</i> (CBS 526.94 / EC 3.2.1.6) [Piglets (weaned)]	Reg. (EC) No 1270/2009 of 21 December 2009 / Amended by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 339, 22.12.2009, p. 28 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	22.12.09
	Enzymes		E 1637	Preparation of endo-1,4-beta-xylanase produced by <i>Trichoderma longibrachiatum</i> (ATCC 2105) / EC 3.2.1.8 and Endo-1,3(4)-beta-glucanase / EC 3.2.1.6 and alpha-amylase produced by <i>Bacillus amyloliquefaciens</i> (DSM 9553) / EC 3.2.1.1 and subtilisin produced by <i>Bacillus subtilis</i> (ATCC 2107) / EC 3.4.21.62 and polygalacturonase produced by <i>Aspergillus aculeatus</i> (CBS 589.94) / EC 3.2.1.15 [Chickens for fattening]	Reg. (EC) No 2036/2005 of 14 December 2005 / Amended by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 328, 15.12.2005, p. 13 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	15.12.05
	Enzymes		E 1638	Preparation of endo-1,3(4)-betaglucanase / EC 3.2.1.6 produced by <i>Trichoderma longibrachiatum</i> (ATCC 2106), endo-1,4-beta-xylanase / EC 3.2.1.8 produced by <i>Trichoderma longibrachiatum</i> (ATCC 2105) and alphaamylase / EC 3.2.1.1 produced by <i>Bacillus amyloliquefaciens</i> (DSM 9553) [Piglets (Weaned)]	Reg. (EC) No 1284/2006 of 29 August 2006 / Amended by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 235, 30.08.2006, p. 3 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	05.09.06
	Enzymes		E 1639	Preparation of 3-phytase produced by <i>Hansenula polymorpha</i> (DSM 15087) [Chickens for fattening; Turkeys for fattening; Laying hens; Piglets; Pigs for fattening; Sows]	Reg. (EC) No 1443/2006 of 29 September 2006 / Amended by Reg. (EC) No 887/2009 of 25 September 2009 in OJ L 254, 26.09.09, p. 68 / Repealed by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 271, 30.09.2006, p. 12 / Amended by OJ L 254, 26.09.09, p. 68 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	02.10.06
	Enzymes		E 1640	6-Phytase produced by <i>Schizosaccharomyces pombe</i> (ATCC 5233) / EC 3.1.3.26 [Chickens for fattening]	Reg. (EC) No 1743/2006 of 24 November 2006 / Repealed by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 184, 14.07.2007, p. 12 / Withdrawn by OJ L 166, 08.06.2017, p. 1	15.12.2006	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	25.11.06
	Enzymes		E 1641	endo-1,4-beta-xylanase produced by <i>Trichoderma longibrachiatum</i> (MUCL 39203) [Chickens for fattening]	Reg. (EC) No 828/2007 of 13 July 2007 / Repealed by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 329, 25.11.2006, p. 16 / Withdrawn by OJ L 166, 08.06.2017, p. 1	15.12.2006	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	25.11.06

Category	Functional Group		Code	Additive	Reference(s) of Community legal act		Date of authorisation	Expiry date of authorisation(s)	Date of first entry in the Register
(Annex I of Reg. 1831/03)		Subclassification			(Title and/or No. of legal measure)	Reference in OJ			
		Micro-organisms	E 1704	<i>Saccharomyces cerevisiae</i> CBS 493.94 [Calves]	Reg. (EC) No 1288/2004 / Amended by Reg. (EC) No 1812/2005 / Amended by Commission Implementing Regulation (EU) No 1018/2012 of 5 November 2012 / Reg. (EC) No 1288/2004 / Amended by article 2 of Commission Implementing Regulation (EU) No 1101/2013 of 6 November 2013 / Amended by article 2 of Commission Implementing Regulation (EU) No 1109/2014 of 21 October 2014 / Amended by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 243, 15.07.2004, p. 10 / Amended by OJ L 291, 05.11.2005, p. 18 / Amended by OJ L 307, 07.11.2012, p. 56 / Amended by OJ L 301, 21.10.2014, p. 19 / Withdrawn by OJ L 166, 08.06.2017, p. 1	25.11.2005	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
		Micro-organisms	E 1706	<i>Enterococcus faecium</i> DSM 7134, <i>Lactobacillus rhamnosus</i> DSM 7133 [Piglets (Weaned)]	Reg. (EC) No 2148/2004 of 16 December 2004 / Amended by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 370, 17.12.2004, p. 24 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
		Micro-organisms	E 1709	<i>Enterococcus faecium</i> ATCC 53519, <i>Enterococcus faecium</i> ATCC 55593 (In a 1/1 ratio) [Chickens for fattening]	Reg. (EC) No 600/2005 of 18 April 2005 / Amended by Commission Implementing Regulation (EU) No 334/2012 of 19 April 2012 in OJ L 108, 20.04.2012, p. 6 / Amended by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 99, 19.04.2005, p. 5 / Amended by OJ L 108, 20.04.2012, p. 6 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	07.11.05
		Micro-organisms	E 1714	<i>Lactobacillus farciminis</i> CNCM MA 67/AR [Piglets (Weaned)]	Reg. (EC) No 492/2006 / Amended by Commission Implementing Regulation (EU) No 333/2012 of 19 April 2012 in OJ L 108, 20.04.2012, p. 3 / Amended by Commission Implementing Regulation (EU) No 1018/2012 of 5 November 2012 / Repealed by Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	OJ L 89, 27.03.2006, p. 6 / Amended by OJ L 108, 20.04.2012, p. 3 / Amended by OJ L 307, 07.11.2012, p. 56 / Withdrawn by OJ L 166, 08.06.2017, p. 1	-	Transitional measures in article 2 of Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	24.04.06

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