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(Acts whose publication is obligatory)

COMMISSION REGULATION (EC) No 2200/2001

of 17 October 2001

concerning provisional authorisations of additives in feedingstuffs

(Text with EEA relevance)

THE COMMISSION OF THE EUROPEAN COMMUNITIES,

Having regard to the Treaty establishing the European Community,

Having regard to Council Directive 70/524/EEC of 23 November 1970 concerning additives in feedingstuffs [1], as last amended by European Parliament and Council Directive 2001/46/EC [2], and in particular Articles 3, 9e and 9i thereof,

Whereas:

(1) Articles 9e(1) and 9i(1) of the Directive provide that a provisional authorisation of a new additive or a new use of an additive may be given for a specific period.

(2) Article 4 of the Directive establishes the procedure for such authorisation.

(3) The current provisional authorisations of many additives expire on 30 September 2001, and it is appropriate to extend these to the maximum extent permitted under Directive 70/524/EEC, which is until the fourth anniversary of initial provisional authorisation in the case of substances provisionally authorised pursuant to Article 9e(1) of Directive 70/524/EEC, and until the fifth anniversary in the case of substances included in Annex II to Directive 70/524/EEC before 1 April 1998.

(4) Provisional authorisations under this Regulation are granted for a specified period, but without prejudice to the possibility that they may be withdrawn at any time in accordance with Articles 9m and 11 of the Directive.

(5) Further, authorisations for the use of antibiotics as additives in feedingstuffs are currently under review in the light of major concerns relating to the potential effect of the use of antibiotics as feed additives on the efficacy of antibiotics for therapeutic use in humans, a concern reflected by the fact that the Kingdom of Sweden has prohibited the use on its territory of all antibiotics as additives in feedingstuffs on the basis of Article 11 of the Directive, and in the light of the opinions adopted on 28 May 1999 and 10 and 11 May 2001 by the Scientific Steering Committee on antimicrobial resistance.

(6) The extension of the period of the provisional authorisations must be considered as a purely administrative measure involving no new evaluation of the concerned additives.

(7) For readability and coherence reasons, all the provisional authorisations of additives in feedingstuffs, for which the duration may not exceed four or five years, are consolidated in this Regulation.

(8) This Commission Regulation replaces Commission Regulation (EC) No 2697/2000 of 27 November 2000 concerning the provisional authorisations of additives in feedingstuffs [3]; therefore it is necessary to repeal Regulation (EC) No 2697/2000.

(9) The provisional authorisations for most of the additives expire on 30 September 2001; therefore it is necessary to apply this Regulation from 1 October 2001.

(10) The measures provided for in this Regulation are in accordance with the opinion of the Standing Committee for Feedingstuffs,

[1] OJ L 270, 14.12.1970, p. 1.
[2] OJ L 234, 1.9.2001, p. 55.
[3] OJ L 319, 16.12.2000, p. 1.

HAS ADOPTED THIS REGULATION:

Article 1

The additives referred to in the Annex to this Regulation are authorised provisionally in accordance with Directive 70/524/EEC under the conditions laid down in this Annex.

Regulation (EC) No 2697/2000 is hereby repealed.

Article 2

This Regulation shall enter into force on the day following its publication in the *Official Journal of the European Communities*.

It shall apply from 1 October 2001.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels, 17 October 2001.

For the Commission

David BYRNE

Member of the Commission

ANNEX

List of additives linked to a person responsible for putting them into circulation and authorised on a provisional basis for no longer than four years or five years in the case of additives which have been the subject of provisional authorisation before 1 April 1998

Registration number of additive	Name and registration number of person responsible for putting additive into circulation	Additive (trade name)	Composition, chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
						mg of active substance/kg of complete feedingstuff			
Antibiotics									
33	Eli Lilly and Company Ltd	Avilamycin 200 g/kg (Maxus G200, Maxus 200) Avilamycin 100 g/kg (Maxus G100, Maxus 100)	**Additive composition:** Avilamycin: 200 g activity/kg Soyabean oil or mineral oil: 5-30 g/kg Soyabean hulls qs 1 kg Avilamycin: 100 g activity/kg Soyabean oil or mineral oil: 5-30 g/kg Soyabean hulls qs 1 kg **Active substance:** Avilamycin, $C_{57-62}H_{82-90}Cl_{1-2}O_{31-32}$, CAS No of avilamycin A: 69787-79-7, CAS No of avilamycin B: 73240-30-9, mixture of oligosaccharides of the orthosomycin group produced by *Streptomyces viridochromogenes* (NRRL 2860), in granular form Factor composition: Avilamycin A: ≥ 60 % Avilamycin B: ≤ 18 % Avilamycins A + B: ≥ 70 % Other single avilamycins: ≤ 6 %	Turkeys	—	5	10	—	14.12.2002 [a]

Registration number of additive	Name and registration number of person responsible for putting additive into circulation	Additive (trade name)	Composition, chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
						mg of active substance/kg of complete feedingstuff			
Coccidiostats and other medicinal substances									
26	Intervet International bv	Salinomycin sodium 120 g/kg (Sacox 120 microgranulate)	**Additive composition:** Salinomycin sodium: ≥ 120 g/kg Silicon dioxide: 10-100 g/kg Calcium carbonate: 350-700 g/kg **Active substance:** Salinomycin sodium, $C_{42}H_{69}O_{11}Na$, CAS No: 53003-10-4, sodium salt of a polyether monocarboxylic acid produced by fermentation of *Streptomyces albus* (DSM 12217) Related impurities: < 42 mg elaiophylin/kg salinomycin sodium < 40 g 17-epi-20-desoxy-salinomycin/kg salinomycin sodium	Chickens reared for laying	12 weeks	30	50	Indicate in the instructions for use: 'Dangerous for equines' 'This feedingstuff contains an ionophore: simultaneous use with certain medicinal substances (e.g. tiamulin) can be contra-indicated'	13.10.2001 [b]
27	Janssen Animal Health BVBA	Diclazuril 0,5 g/100 g (Clinacox 0,5 % Premix) Diclazuril 0,2 g/100 g (Clinacox 0,2 % Premix)	**Additive composition:** Diclazuril: 0,5 g/100 g Soybean meal: 99,25 g/100 g Polyvidone K 30: 0,2 g/100 g Sodium hydroxide: 0,0538 g/100 g Diclazuril: 0,2 g/100 g Soybean meal: 39,7 g/100 g Polyvidone K 30: 0,08 g/100 g	Chickens reared for laying	16 weeks	1	1	—	14.12.2002 [a]

Registration number of additive	Name and registration number of person responsible for putting additive into circulation	Additive (trade name)	Composition, chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
						mg of active substance/kg of complete feedingstuff			
			Sodium hydroxide: 0,0215 g/100 g Wheat middlings: 60 g/100 g **Active substance:** Diclazuril, $C_{17}H_9Cl_3N_4O_2$, (±)-4-chlorophenyl[2,6-dichloro-4-(2,3,4,5-tetrahydro-3,5-dioxo-1,2,4-triazin-2-yl)phenyl]acetonitrile, CAS No: 101831-37-2, Related impurities: Degradation compound (R064318): ≤ 0,2 % Other related impurities (R066891, R066896, R068610, R070156, R068584, R070016): ≤ 0,5 % individually Total impurities: ≤ 1,5 %						
28	Alpharma AS	Maduramicin ammonium alpha 1 g/100 g (Cygro 1 %)	**Additive composition:** Maduramicin ammonium alpha: 1 g/100 g Benzyl alcohol: 5 g/100 g Corn cob grits qs 100 g **Active substance:** Maduramicin ammonium alpha, $C_{47}H_{83}O_{17}N$, CAS No: 84878-61-5, ammonium salt of a polyether monocarboxylic acid produced by *Actinomadura yumaensis* (ATCC 31585) (NRRL 12515)	Turkeys	16 weeks	5	5	Use prohibited at least five days before slaughter Indicate in the instructions for use: 'Dangerous for equines' 'This feedingstuff contains an ionophore: simultaneous use with certain medicinal substances (e.g. tiamulin) can be contra-indicated'	13.10.2001 (b)

Registration number of additive	Name and registration number of person responsible for putting additive into circulation	Additive (trade name)	Composition, chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
						mg of active substance/kg of complete feedingstuff			
			Related impurities: Maduramicin ammonium beta: < 10 %						
				Growth promoters					
1	Norsk Hydro Ltd	Potassium diformate (Formi™ LHS)	**Additive composition:** Potassium diformate, solid 98 g/100 g, Silicate 1,5 g/100 g, Water 0,5 g/100 g **Active substance:** Potassium diformate, solid $KH(COOH)_2$ CAS No 20642-05-1	Piglets	2 months	6 000	6 000	—	30.6.2005 (s)
				Pigs for fattening	—	6 000	6 000	—	30.6.2005 (s)

List of other additives authorised on a provisional basis for no longer than four years or five years in the case of additives which have been the subject of provisional authorisation before 1 April 1998

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					mg/kg of complete feedingstuff			
Colourants, including pigments								
1. *Carotenoids and xanthophylls:*								
E 160a	Beta-carotene	$C_{40}H_{56}$	Canaries	—	—	—	—	14.12.2003 (c)
E 161g	Canthaxanthin	$C_{40}H_{52}O_2$	Pet and ornamental birds	—	—	—	—	14.12.2003 (c)
12	Astaxanthin-rich *Phaffia rhodozyma* (ATCC 74219)	Concentrated biomass of the yeast *Phaffia rhodozyma* (ATCC 74219), killed, containing at least 4,0 g astaxanthin per kilogram of additive and having a maximum ethoxyquin content of 2 000 mg/kg	Salmon	—	—	100	The maximum content is expressed as astaxanthin Use permitted only from the age of six months onwards The mixture of the additive with canthaxanthin is allowed provided that the total concentration of astaxanthin and canthaxanthin does not exceed 100 mg/kg in the complete feedingstuff Ethoxyquin content to be declared	14.12.2003 (c)
			Trout	—	—	100	The maximum content is expressed as astaxanthin Use permitted only from the age of six months onwards The mixture of the additive with canthaxanthin is allowed provided that the total concentration of astaxanthin and canthaxanthin does not exceed 100 mg/kg in the complete feedingstuff Ethoxyquin content to be declared	14.12.2003 (c)

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					mg/kg of complete feedingstuff			
2. *Other colourants:*								
E 102	Tartrazine	$C_{16}H_9N_4O_9S_2Na_3$	Grain-eating ornamental birds	—	—	150	—	30.9.2004 (p)
			Small rodents	—	—	150	—	30.9.2004 (p)
E 110	Sunset Yellow FCF	$C_{16}H_{10}N_2O_7S_2Na_2$	Grain-eating ornamental birds	—	—	150	—	30.9.2004 (p)
			Small rodents	—	—	150	—	30.9.2004 (p)
E 131	Patent Blue V	Calcium salt of the disulphonic acid of m-hydroxytetraethyldiamino triphenylcarbinol anhydride	Grain-eating ornamental birds	—	—	150	—	30.9.2004 (p)
			Small rodents	—	—	150	—	30.9.2004 (p)
E 141	Chlorophyll copper complex	—	Grain-eating ornamental birds	—	—	150	—	30.9.2004 (p)
			Small rodents	—	—	150	—	30.9.2004 (p)

No (or EC No)	Element	Additive	Chemical formula	Maximum content of the element in mg/kg of complete feedingstuff	Other provisions	End of period of authorisation
Trace elements						
E4	Copper-Cu	Copper-lysine sulphate	$Cu(C_6H_{13}N_2O_2)_2.SO_4$	Pigs for fattening: — in Member States where the mean density of the porcine population is equal to or higher than 175 pigs per 100 ha of utilisable agricultural land: — up to 16 weeks: 175 (total) — in Member States where the mean density of the porcine population is lower than 175 pigs per 100 ha of utilisable agricultural land: — up to 16 weeks: 175 (total)	Not more than 50 mg/kg of copper in the complete feedingstuff may come from copper-lysine sulphate	31.3.2004 (d)

No (or EC No)	Element	Additive	Chemical formula	Maximum content of the element in mg/kg of complete feedingstuff	Other provisions	End of period of authorisation
				Pigs for fattening: — in Member States where the mean density of the porcine population is equal to or higher than 175 pigs per 100 ha of utilisable agricultural land: — — from 17th week up to slaughter: 35 (total) — in Member States where the mean density of the porcine population is lower than 175 pigs per 100 ha of utilisable agricultural land: — — from 17th week up to six months: 100 (total) — — over six months up to slaughter: 35 (total) Breeding pigs: 35 (total) Other species or categories of animals, with the exception of calves prior to the start of rumination and sheep: 35 (total)	Not more than 25 mg/kg of copper in the complete feedingstuffs may come from copper-lysine sulphate	31.3.2004 [d]

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					mg/kg of complete feedingstuff			
Binders, anti-caking agents and coagulants								
3	Clinoptilolite of volcanic origin	Calcium hydrated aluminosilicate of volcanic origin containing a minimum of 85 % of clinoptilolite and a maximum of 15 % of feldspar, micas and clays free of fibres and quartz Maximum lead content: 80 mg/kg	Pigs	—	—	20 000	All feedingstuffs	21.4.2004 [e]
			Rabbits	—	—	20 000	All feedingstuffs	21.4.2004 [e]
			Poultry	—	—	20 000	All feedingstuffs	21.4.2004 [e]

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					mg/kg of complete feedingstuff			
4	Clinoptilolite of sedimentary origin	Hydrated calcium aluminosilicate of sedimentary origin containing at least 80 % clinoptilolite and a maximum 20 % of clay minerals, free of fibres and quartz Maximum content in dioxins (1)	Pigs for fattening	—	—	20 000	All feedingstuffs	26.9.2004 (n)
			Chickens for fattening	—	—	20 000	All feedingstuffs	26.9.2004 (n)
			Turkeys for fattening	—	—	20 000	All feedingstuffs	26.9.2004 (n)
			Bovines	—	—	20 000	All feedingstuffs	26.9.2004 (n)
			Salmon	—	—	20 000	All feedingstuffs	26.9.2004 (n)

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
Enzymes								
1	3-Phytase EC 3.1.3.8	Preparation of 3-phytase produced by *Aspergillus niger* (CBS 114.94) having a minimum phytase activity of 5 000 FTU (2)/g for solid and liquid preparations	Turkeys	—	125 FTU	—	1. Indicate in the directions for use for the additive and the premixture the storage temperature, storage duration and stability on pelleting 2. Recommended dose per kg of complete feedingstuff: 200-800 FTU 3. For use in compound feedingstuffs with a minimum content of 0,3 % phytate, e.g. 20 % wheat	14.12.2003 (c)

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
2	3-Phytase EC 3.1.3.8	Preparation of 3-phytase produced by *Aspergillus oryzae* (DSM 10289) having a minimum activity of: Coated form: 2 500 FYT [3]/g Liquid form: 5 000 FYT/g	Piglets	4 months	250 FYT	1 000 FYT	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 500 FYT 3. For use in compound feed rich in phytates, e.g. containing more than 40 % cereals (maize, barley, oats, wheat, rye, triticale), oilseeds and pulses	30.6.2004 [f]
			Pigs for fattening	—	400 FYT	1 000 FYT	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 500 FYT 3. For use in compound feed rich in phytates, e.g. containing more than 40 % cereals (maize, barley, oats, wheat, rye, triticale), oilseeds and pulses	30.6.2004 [f]
			Chickens for fattening	—	200 FYT	1 000 FYT	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 500 FYT 3. For use in compound feed rich in phytates, e.g. containing more than 40 % cereals (maize, barley, oats, wheat, rye, triticale), oilseeds and pulses	30.6.2004 [f]

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
			Laying hens	—	500 FYT	1 000 FYT	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 750 FYT 3. For use in compound feed rich in phytates, e.g. containing more than 40 % cereals (maize, barley, oats, wheat, rye, triticale), oilseeds and pulses	30.6.2004 (g)
3	Alpha-galactosidase EC 3.2.1.22	Preparation of alpha-galactosidase produced by *Aspergillus oryzae* (DSM 10286) having a minimum activity of: Liquid form: 1 000 GALU (4)/g	Chickens for fattening	—	300 GALU	1 000 GALU	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 450 GALU 3. For use in compound feed rich in oligosaccharides, e.g. containing more than 25 % soy meal, cotton seed cakes, peas	30.6.2004 (f)
4	Endo-1,3(4)-beta-glucanase EC 3.2.1.6	Preparation of endo-1,3(4)-beta-glucanase produced by *Aspergillus aculeatus* (CBS 589.94) having a minimum activity of: Coated form: 50 FBG (5)/g Liquid form: 120 FBG/ml	Piglets	4 months	25 FBG	40 FBG	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 25 FBG 3. For use in compound feed rich in non-starch polysaccharides (mainly beta-glucans), e.g. containing more than 50 % maize or barley	30.6.2004 (f)

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
			Chickens for fattening	—	10 FBG	100 FBG	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 20 FBG 3. For use in compound feed rich in non-starch polysaccharides (mainly beta-glucans), e.g. containing more than 60 % maize	1.4.2004 (l)
5	Endo-1,4-beta-xylanase EC 3.2.1.8	Preparation of endo-1,4-beta-xylanase produced by *Aspergillus oryzae* (DSM 10287) having a minimum activity of: Coated form: 1 000 FXU (6)/g Liquid form: 650 FXU/ml	Chickens for fattening	—	80 FXU	200 FXU	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 150 FXU 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans), e.g. containing more than 50 % wheat	30.6.2004 (f)
			Turkeys for fattening	—	225 FXU	600 FXU	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 225-600 FXU 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans), e.g. containing more than 50 % wheat	30.6.2004 (f)

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
			Piglets	4 months	200 FXU	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 200 FXU 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans), e.g.containing more than 50 % wheat	30.6.2004 [f]
6	Endo-1,4-beta-xylanase EC 3.2.1.8 Endo-1,4-beta-glucanase EC 3.2.1.4	Preparation of endo-1,4-beta-xylanase and endo-1,4-beta-glucanase produced by *Humicola insolens* (DSM 10442) having a minimum activity of: Coated form: 800 FXU [7]/g 75 FBG [5]/g Microgranulated form: 800 FXU/g 75 FBG/g Liquid form: 550 FXU/ml 50 FBG/ml	Chickens for fattening	—	200 FXU 19 FBG	1 000 FXU 94 FBG	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 400 FXU 38 FBG 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans and beta-glucans), e.g. containing more than 30 % barley and/or oats, wheat	30.6.2004 [f]

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
			Piglets	4 months	240 FXU 22 FBG	1 000 FXU 94 FBG	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 400 FXU 38 FBG 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans and beta-glucans), e.g. containing more than 30 % barley and/or oats, wheat	30.6.2004 [f]
			Pigs for fattening	—	200 FXU 19 FBG	800 FXU 75 FBG	1. In the conditions of use of the additive and premixture, indicate the storage temperature, storage life, and the stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 400 FXU 38 FBG 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans and beta-glucans), e.g. containing more than 30 % barley, and/or oats, wheat	30.6.2004 [h]

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
7	Endo-1,4-beta-xylanase EC 3.2.1.8 Endo-1,4-beta-glucanase EC 3.2.1.4	Preparation of endo-1,4-beta-xylanase and endo-1,4-beta-glucanase produced by *Aspergillus niger* (CBS 600.94) having a minimum activity of: Coated form: 36 000 FXU [8]/g 15 000 BGU [9]/g Liquid form: 36 000 FXU/g 15 000 BGU/g	Chickens for fattening	—	3 600 FXU 1 500 BGU	12 000 FXU 5 000 BGU	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 3 600-6 000 FXU 1 500-2 500 BGU 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans and beta-glucans), e.g. containing more than 35 % barley and 20 % wheat	1.4.2004 [l]
			Piglets	4 months	6 000 FXU 2 500 BGU	— —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 6 000 FXU 2 500 BGU 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans and beta-glucans), e.g. containing more than 30 % wheat and 30 % barley	1.4.2004 [l]

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
			Turkeys for fattening	—	6 000 FXU 2 500 BGU	12 000 FXU 5 000 BGU	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 6 000-12 000 FXU 2 500-5 000 BGU 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans and beta-glucans), e.g. containing more than 40 % wheat	1.4.2004 [1]
			Laying hens	—	12 000 FXU 5 000 BGU	— —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 12 000 FXU 5 000 BGU 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans and beta-glucans), e.g. containing more than 20 % wheat, 10 % barley and 20 % sunflower	1.4.2004 [1]

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
		Preparation of endo-1,4-beta-xylanase and endo-1,4-beta-glucanase produced by *Aspergillus niger* (CBS 600.94) having a minimum activity of: Solid form: 36 000 FXU ([8])/g 15 000 BGU ([9])/g	Chickens for fattening	—	3 600 FXU 1 500 BGU	12 000 FXU 5 000 BGU	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 3 600-6 000 FXU 1 500-2 500 BGU 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans and beta-glucans), e.g. containing more than 35 % barley and 20 % wheat	30.9.2004 ([P])
			Piglets	4 months	6 000 FXU 2 500 BGU	— —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 6 000 FXU 2 500 BGU 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans and beta-glucans), e.g. containing more than 30 % wheat and 30 % barley	30.9.2004 ([P])

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
			Turkeys for fattening	—	6 000 FXU 2 500 BGU	12 000 FXU 5 000 BGU	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 6 000-12 000 FXU 2 500-5 000 BGU 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans and beta-glucans), e.g. containing more than 40 % wheat	30.9.2004 (P)
			Laying hens	—	12 000 FXU 5 000 BGU	— —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 12 000 FXU 5 000 BGU 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans and beta-glucans), e.g. containing more than 20 % wheat, 10 % barley and 20 % sunflower	30.9.2004 (P)

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
8	Endo-1,4-beta-glucanase EC 3.2.1.4 Endo-1,4-beta-xylanase EC 3.2.1.8	Preparation of endo-1,4-beta-glucanase and endo-1,4-beta-xylanase produced by *Aspergillus niger* (CBS 600.94) having a minimum activity of: Coated form: 10 000 BGU ([9])/g 4 000 FXU ([8])/g Liquid form: 20 000 BGU/g 8 000 FXU/g	Chickens for fattening	—	3 000 BGU 1 200 FXU	10 000 BGU 4 000 FXU	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 3 000-10 000 BGU 1 200-4 000 FXU 3. For use in compound feed rich in non-starch polysaccharides (mainly beta-glucans and arabinoxylans), e.g. containing more than 60 % barley	1.4.2004 ([l])
			Piglets	4 months	3 000 BGU 1 200 FXU	5 000 BGU 2 000 FXU	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 3 000-5 000 BGU 1 200-2 000 FXU 3. For use in compound feed rich in non-starch polysaccharides (mainly beta-glucans and arabinoxylans), e.g. containing more than 30 % barley	1.4.2004 ([l])

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
			Laying hens	—	5 000 BGU 2 000 FXU	— —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 5 000 BGU 2 000 FXU 3. For use in compound feed rich in non-starch polysaccharides (mainly beta-glucans and arabinoxylans), e.g. containing more than 60 % barley	1.4.2004 (l)
		Preparation of endo-1,4-beta-glucanase and endo-1,4-beta-xylanase produced by *Aspergillus niger* (CBS 600.94) having a minimum activity of: Solid form: 20 000 BGU (9)/g 8 000 FXU (8)/g	Chickens for fattening	—	3 000 BGU 1 200 FXU	10 000 BGU 4 000 FXU	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 3 000-10 000 BGU 1 200-4 000 FXU 3. For use in compound feed rich in non-starch polysaccharides (mainly beta-glucans and arabinoxylans), e.g. containing more than 60 % barley	30.9.2004 (p)

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
			Piglets	4 months	3 000 BGU 1 200 FXU	5 000 BGU 2 000 FXU	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 3 000-5 000 BGU 1 200-2 000 FXU 3. For use in compound feed rich in non-starch polysaccharides (mainly beta-glucans and arabinoxylans), e.g. containing more than 30 % barley	30.9.2004 (P)
			Laying hens	—	5 000 BGU 2 000 FXU	— —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 5 000 BGU 2 000 FXU 3. For use in compound feed rich in non-starch polysaccharides (mainly beta-glucans and arabinoxylans), e.g. containing more than 60 % barley	30.9.2004 (P)

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
9	Endo-1,4-beta-xylanase EC 3.2.1.8	Preparation of endo-1,4-beta-xylanase produced by *Aspergillus niger* (CBS 270.95) having a minimum activity of: Solid form: 28 000 EXU [10]/g Liquid form: 14 000 EXU/ml	Chickens for fattening	—	1 400 EXU	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 1 400 EXU 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans), e.g. containing more than 50 % wheat	30.6.2004 [f]
			Laying hens	—	2 400 EXU	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 2 400-7 400 EXU 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans) e.g. containing more than 30 % wheat and 30 % rye	1.4.2004 [l]

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
			Turkeys for fattening	—	2 400 EXU	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 2 400-5 600 EXU 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans) e.g. containing more than 30 % wheat and 30 % rye	1.4.2004 [l]
10	Alpha-amylase EC 3.2.1.1	Preparation of alpha-amylase produced by *Bacillus amyloliquefaciens* (CBS 360.94) having a minimum activity of: Solid form: 45 000 RAU [11]/g Liquid form: 20 000 RAU/ml	Piglets	4 months	1 800 RAU	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 1 800 RAU 3. For use, exclusively, in compound feed destined for liquid feeding systems, and containing starch-rich feed materials (e.g. containing more than 35 % wheat)	30.6.2004 [f]
			Pigs for fattening	—	1 800 RAU	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 1 800 RAU 3. For use, exclusively, in compound feed destined for liquid feeding systems, and containing starch-rich feed materials (e.g. containing more than 35 % wheat)	30.6.2004 [f]

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
			Sows	—	1 800 RAU	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 1 800 RAU 3. For use, exclusively, in compound feed destined for liquid feeding systems, and containing starch-rich feed materials (e.g. containing more than 35 % wheat)	30.6.2004 (f)
11	Endo-1,4-beta-glucanase EC 3.2.1.4 Endo-1,3(4)-beta-glucanase EC 3.2.1.6 Endo-1,4-beta-xylanase EC 3.2.1.8	Preparation of endo-1,4-beta-glucanase, endo-1,3(4)-beta-glucanase and endo-1,4-beta-xylanase produced by *Trichoderma longibrachiatum* (ATCC 74 252) having a minimum activity of: Liquid form: Endo-1,4-beta-glucanase: 8 000 U (12) /ml Endo-1,3(4)-beta-glucanase: 18 000 U (13) /ml Endo-1,4-beta-xylanase: 26 000 U (14) /ml	Chickens for fattening	—	Endo–1,4-beta-glucanase: 400 U Endo–1,3(4)-beta-glucanase: 900 U Endo–1,4-beta-xylanase: 1 300 U	— — —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,4-beta-glucanase: 400-1 600 U endo-1,3(4)-beta-glucanase: 900-3 600 U endo-1,4-beta-xylanase: 1 300-5 200 U 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans and beta-glucans), e.g. containing more than 30 % wheat or barley and more than 10 % rye	30.6.2004 (f)

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
		Preparation of endo-1,4-beta-glucanase, endo-1,3(4)-beta-glucanase and endo-1,4-beta-xylanase produced by *Trichoderma longibrachiatum* (ATCC 74 252) having a minimum activity of: Granular form: Endo-1,4-beta-glucanase: 8 000 U ([12])/g Endo-1,3(4)-beta-glucanase: 18 000 U ([13])/g Endo-1,4-beta-xylanase: 26 000 U ([14])/g	Chickens for fattening	—	Endo–1,4-beta-glucanase: 400 U Endo–1,3(4)-beta-glucanase: 900 U Endo–1,4-beta-xylanase: 1 300 U	— — —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,4-beta-glucanase: 400-1 600 U endo-1,3(4)-beta-glucanase: 900-3 600 U endo-1,4-beta-xylanase: 1 300-5 200 U 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans and beta-glucans), e.g. containing more than 30 % wheat or barley and more than 10 % rye	31.5.2005 ([r])
		Preparation of endo-1,4-beta-glucanase, endo-1,3(4)-beta-glucanase and endo-1,4-beta-xylanase produced by *Trichoderma longibrachiatum* (ATCC 74 252) having a minimum activity of: Liquid and granular form: Endo-1,4-beta-glucanase: 8 000 U ([12]) /ml or g Endo-1,3(4)-beta-glucanase: 18 000 U ([13]) /ml or g Endo-1,4-beta-xylanase: 26 000 U ([14]) /ml or g	Turkeys for fattening	—	Endo–1,4-beta-glucanase: 400 U Endo–1,3(4)-beta-glucanase: 900 U Endo–1,4-beta-xylanase: 1 300 U	— — —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,4-beta-glucanase: 400-800 U endo-1,3(4)-beta-glucanase: 900-1 800 U endo-1,4-beta-xylanase: 1 300-2 600 U 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans and beta-glucans), e.g. containing more than 40 % wheat	31.5.2005 ([r])

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
12	Endo-1,4-beta-glucanase EC 3.2.1.4 Endo-1,3(4)-beta-glucanase EC 3.2.1.6 Endo-1,4-beta-xylanase EC 3.2.1.8	Preparation of endo-1,4-beta-glucanase, endo-1,3(4)-beta-glucanase and endo-1,4-beta-xylanase produced by *Trichoderma viride* (FERM BP-4447) having a minimum activity of: Endo-1,4-beta-glucanase: 8 000 U ([12])/g Endo-1,3(4)-beta-glucanase: 18 000 U ([13])/g Endo-1,4-beta-xylanase: 26 000 U ([14])/g	Chickens for fattening	—	Endo–1,4-beta-glucanase: 200 U Endo–1,3(4)-beta-glucanase: 450 U Endo–1,4-beta-xylanase: 650 U	— — —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,4-beta-glucanase: 800-1 200 U endo-1,3(4)-beta-glucanase: 1 800-2 700 U endo-1,4-beta-xylanase: 2 600-3 900 U 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans and beta-glucans), e.g. containing more than 20 % wheat and 20 % barley, and/or 25 % rye	30.6.2004 ([f])
			Laying hens	—	Endo–1,4-beta-glucanase: 640 U Endo–1,3(4)-beta-glucanase: 1 440 U Endo–1,4-beta-xylanase: 2 080 U	— — —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,4-beta-glucanase: 640-1 280 U endo-1,3(4)-beta-glucanase: 1 440-2 880 U endo-1,4-beta-xylanase: 2 080-4 160 U 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans and beta-glucans), e.g. containing more than 20 % wheat and 20 % barley and/or 25 % rye	30.6.2004 ([f])

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
			Turkeys for fattening	—	Endo–1,4-beta-glucanase: 800 U Endo–1,3(4)-beta-glucanase: 1 800 U Endo–1,4-beta-xylanase: 2 600 U	— — —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,4-beta-glucanase: 800-1 200 U endo-1,3(4)-beta-glucanase: 1 800-2 700 U endo-1,4-beta-xylanase: 2 600-3 900 U 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans and beta-glucans), e.g. containing more than 20 % wheat and 20 % barley	30.6.2004 [f]
13	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 Endo-1,4-beta-xylanase EC 3.2.1.8	Preparation of endo-1,3(4)-beta-glucanase and endo-1,4-beta-xylanase produced by *Trichoderma longibrachiatum* (CBS 357.94) having a minimum activity of: Powder form: 8 000 BGU [15]/g 11 000 EXU [16]/g Granulated form: 6 000 BGU/g 8 250 EXU/g Liquid form: 2 000 BGU/ml 2 750 EXU/ml	Chickens for fattening	—	100 BGU 130 EXU	— —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 100 BGU 130 EXU 3. For use in compound feed rich in non-starch polysaccharides (mainly beta-glucans and arabinoxylans), e.g. containing more than 30 % wheat and 30 % barley, or 20 % rye	30.6.2004 [f]

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
			Laying hens	—	600 BGU 800 EXU	— —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 600 BGU 800 EXU 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans and beta-glucans), e.g. containing more than 40 % wheat and more than 30 % barley	1.4.2004 (1)
			Turkeys for fattening	—	600 BGU 800 EXU	— —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 600 BGU 800 EXU 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans and beta-glucans), e.g. containing more than 30 % wheat or more than 30 % rye	1.4.2004 (1)

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
14	Endo-1,4-beta-xylanase EC 3.2.1.8	Preparation of endo-1,4-beta-xylanase produced by *Aspergillus niger* (CBS 520.94) having a minimum activity of: Solid form: Endo-1,4-beta-xylanase: 600 U [17]/g Liquid form: Endo-1,4-beta-xylanase: 300 U/ml	Chickens for fattening	—	Endo–1,4-beta-xylanase: 300 U	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,4-beta-xylanase: 300-600 U 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans), e.g. containing more than 50 % wheat	30.6.2004 [f]
15	Endo-1,3(4)-beta-glucanase EC 3.2.1.6	Preparation of endo-1,3(4)-beta-glucanase produced by *Trichoderma viride* (CBS 517.94) having a minimum activity of: Solid form: Endo-1,3(4)-beta-glucanase: 650 U [18]/g Liquid form: Endo-1,3(4)-beta-glucanase: 325 U/ml	Chickens for fattening	—	Endo–1,3(4)-beta-glucanase: 325 U	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,3(4)-beta-glucanase: 325–650 U 3. For use in compound feed rich in non-starch polysaccharides (mainly beta-glucans), e.g. containing more than 50 % barley	30.6.2004 [f]

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
16	Endo-1,4-beta-glucanase EC 3.2.1.4	Preparation of endo-1,4-beta-glucanase produced by *Trichoderma longibrachiatum* (IMI SD 142) having a minimum activity of: Liquid form: 2 000 CU [19] /ml	Chickens for fattening	—	250 CU	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 500-1 000 CU 3. For use in compound feed rich in non-starch polysaccharides (mainly beta-glucans), e.g. containing more than 40 % barley	30.6.2004 [f]
			Laying hens	—	250 CU	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 500-1 000 CU 3. For use in compound feed rich in non-starch polysaccharides (mainly beta-glucans), e.g. containing more than 40 % barley	30.6.2004 [f]
			Piglets	4 months	250 CU	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 500-1 000 CU 3. For use in compound feed rich in non-starch polysaccharides (mainly beta-glucans), e.g. containing more than 40 % barley	30.6.2004 [f]

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
			Pigs for fattening	—	250 CU	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 500-1 000 CU 3. For use in compound feed rich in non-starch polysaccharides (mainly beta-glucans), e.g. containing more than 40 % barley	30.6.2004 (f)
		Preparation of endo-1,4-beta-glucanase produced by *Trichoderma longibrachiatum* (IMI SD 142) having a minimum activity of: Solid form: 2 000 CU (19)/g	Chickens for fattening	—	250 CU	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 500-1 000 CU 3. For use in compound feed rich in non-starch polysaccharides (mainly beta-glucans), e.g. containing more than 40 % barley	17.7.2004 (m)
			Laying hens	—	250 CU	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 500-1 000 CU 3. For use in compound feed rich in non-starch polysaccharides (mainly beta-glucans), e.g. containing more than 40 % barley	17.7.2004 (m)

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
			Piglets	4 months	250 CU	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 500-1 000 CU 3. For use in compound feed rich in non-starch polysaccharides (mainly beta-glucans), e.g. containing more than 40 % barley	17.7.2004 [m]
			Pigs for fattening	—	250 CU	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 500-1 000 CU 3. For use in compound feed rich in non-starch polysaccharides (mainly beta-glucans), e.g. containing more than 40 % barley	17.7.2004 [m]
17	Endo-1,4-beta-xylanase EC 3.2.1.8	Preparation of endo-1,4-beta-xylanase produced by *Trichoderma longibrachiatum* (IMI SD 135) having a minimum activity of: Liquid form: 6 000 EPU [20] /ml	Chickens for fattening	—	750 EPU	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 1 500-3 000 EPU 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans), e.g. containing more than 40 % wheat	30.6.2004 [f]

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
			Laying hens	—	750 EPU	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 1 500-3 000 EPU 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans), e.g. containing more than 40 % wheat	30.6.2004 (f)
			Piglets	4 months	750 EPU	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 1 500-3 000 EPU 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans), e.g. containing more than 40 % wheat	30.6.2004 (f)
			Pigs for fattening	—	750 EPU	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 1 500-3 000 EPU 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans), e.g. containing more than 40 % wheat	30.6.2004 (f)

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
		Preparation of endo-1,4-beta-xylanase produced by *Trichoderma longibrachiatum* (IMI SD 135) having a minimum activity of: Solid form: 6 000 EPU [20]/g	Chickens for fattening	—	750 EPU	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 1 500-3 000 EPU 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans), e.g. containing more than 40 % wheat	17.7.2004 [m]
			Laying hens	—	750 EPU	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 1 500-3 000 EPU 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans), e.g. containing more than 40 % wheat	17.7.2004 [m]
			Piglets	4 months	750 EPU	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 1 500-3 000 EPU 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans), e.g. containing more than 40 % wheat	17.7.2004 [m]

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
			Pigs for fattening	—	750 EPU	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 1 500-3 000 EPU 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans), e.g. containing more than 40 % wheat	17.7.2004 [m]
			Turkeys for fattening	—	750 EPU	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 1 500-3 000 EPU 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans), e.g. containing more than 35 % wheat	17.7.2004 [m]
18	Endo-1,3(4)-beta-glucanase EC 3.2.1.6	Preparation of endo-1,3(4)-beta-glucanase produced by *Aspergillus niger* (MUCL 39199) having a minimum activity of: Solid form: 2 000 AGL [21]/g Liquid form: 500 AGL/ml	Chickens for fattening	—	100 AGL	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 100 AGL 3. For use in compound feed rich in non-starch polysaccharides (mainly beta-glucans), e.g. containing more than 40 % barley and 20 % wheat	30.6.2004 [f]

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
19	Endo-1,3(4)-beta-glucanase EC 3.2.1.6	Preparation of endo-1,3(4)-beta-glucanase produced by *Aspergillus niger* (MUCL 39199) having a minimum activity of: Solid form: 1 500 AGL [21]/g Liquid form: 200 AGL/g	Chickens for fattening	—	25 AGL	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 25-100 AGL 3. For use in compound feed rich in non-starch polysaccharides (mainly beta-glucans), e.g. containing more than 50 % barley	30.6.2004 [f]
20	Endo-1,4-beta-xylanase EC 3.2.1.8	Preparation of endo-1,4-beta-xylanase produced by *Trichoderma longibrachiatum* (MUCL 39203) having a minimum activity of: Solid form: 2 000 AXC [22]/g Liquid form: 500 AXC/ml	Chickens for fattening	—	100 AXC	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 100 AXC 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans), e.g. containing more than 40 % wheat or rye	30.6.2004 [f]
21	Endo-1,4-beta-xylanase EC 3.2.1.8	Preparation of endo-1,4-beta-xylanase produced by *Trichoderma longibrachiatum* (MUCL 39203) having a minimum activity of: Solid form: 1 500 AXC [22]/g Liquid form: 200 AXC/g	Chickens for fattening	—	25 AXC	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 25-100 AXC 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans), e.g. containing more than 50 % wheat	30.6.2004 [f]

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
22	Endo-1,3(4)-beta-glucanase EC 3.2.1.6	Preparation of endo-1,3(4)-beta-glucanase produced by *Trichoderma longibrachiatum* (CNCM MA 6-10 W) having a minimum activity of: Solid form: 70 000 BGN ([23])/g Liquid form: 14 000 BGN/ml	Chickens for fattening	—	1 050 BGN	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 2 800 BGN 3. For use in compound feed rich in non-starch polysaccharides (mainly beta-glucans), e.g. containing more than 50 % barley	30.6.2004 ([f])
23	Endo-1,4-beta-xylanase EC 3.2.1.8	Preparation of endo-1,4-beta-xylanase produced by *Trichoderma longibrachiatum* (CNCM MA 6-10 W) having a minimum activity of: Solid form: 70 000 IFP ([24])/g Liquid form: 7 000 IFP/ml	Chickens for fattening	—	1 050 IFP	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 1 400 IFP 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans), e.g. containing more than 56 % wheat	30.6.2004 ([f])
			Turkeys for fattening	—	700 IFP	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 1 400 IFP 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans), e.g. containing more than 40 % wheat	28.2.2005 ([q])

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
			Laying hens	—	840 IFP	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 840 IFP 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans), e.g. containing more than 40 % wheat	28.2.2005 (q)
24	Endo-1,4-beta-xylanase EC 3.2.1.8 Endo-1,3(4)-beta-glucanase EC 3.2.1.6	Preparation of endo-1,4-beta-xylanase and endo-1,3(4)-beta-glucanase produced by *Aspergillus niger* (CNCM I-1517) having a minimum activity of: 28 000 QXU (25)/g 140 000 QGU (26)/g	Chickens for fattening	—	420 QXU 2 100 QGU	1 120 QXU 5 600 QGU	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 560 QXU 2 800 QGU 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans and beta-glucans), e.g. containing more than 30 % wheat and 30 % barley	30.6.2004 (f)

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
25	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 Endo-1,4-beta-xylanase EC 3.2.1.8	Preparation of endo-1,3(4)-beta-glucanase and endo-1,4-beta-xylanase produced by *Aspergillus niger* (NRRL 25541) having a minimum activity of: Endo-1,3(4)-beta-glucanase: 1 100 U ([27])/g Endo-1,4-beta-xylanase: 1 600 U ([28])/g	Chickens for fattening	—	Endo-1,3(4)-beta-glucanase: 138 U Endo-1,4-beta-xylanase: 200 U	— —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,3(4)-beta-glucanase: 138 U endo-1,4-beta-xylanase: 200 U 3. For use in compound feed rich in non-starch polysaccharides (mainly beta-glucans and arabinoxylans), e.g. containing more than 50 % barley or 30 % wheat and 30 % maize	30.6.2004 ([f])
			Laying hens	—	Endo-1,3 (4)-beta-glucanase: 138 U Endo-1,4-beta-xylanase: 200 U	— —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,3(4)-beta-glucanase: 138 U endo-1,4-beta-xylanase: 200 U 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans and beta-glucans), e.g. containing more than 50 % barley or 30 % wheat and 30 % maize	30.6.2004 ([f])

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
26	Endo-1,3(4)-beta-glucanase EC 3.2.1.6	Preparation of endo-1,3(4)-beta-glucanase produced by *Trichoderma reesei* (CBS 526.94) having a minimum activity of: Solid form: 350 000 BU ([29])/g Liquid form: 50 000 BU/g	Chickens for fattening	—	23 000 BU	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 23 000-50 000 BU 3. For use in compound feed rich in non-starch polysaccharides (mainly glucans), e.g. containing more than 20 % barley or 30 % rye	30.6.2004 ([i])
			Piglets	4 months	26 000 BU	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 26 000-35 000 BU 3. For use in compound feed rich in non-starch polysaccharides (mainly glucans), e.g. containing more than 60 % barley or wheat	30.6.2004 ([i])

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
27	Endo-1,4-beta-xylanase EC 3.2.1.8 Endo-1,3(4)-beta-glucanase EC 3.2.1.6	Preparation of endo-1,4-beta-xylanase produced by *Trichoderma reesei* (CBS 529.94) and endo-1,3(4)-beta-glucanase produced by *Trichoderma reesei* (CBS 526.94) having minimum activities of: Solid form: 200 000 BXU ([30])/g 200 000 BU ([31])/g Liquid form: 30 000 BXU/g 30 000 BU/g	Chickens for fattening	—	2 500 BXU 2 500 BU	— —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 10 000 BXU 10 000 BU 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans and glucans), e.g. containing more than 40 % wheat or 30 % rye	30.6.2004 ([i])
			Piglets	2 months	7 500 BXU 7 500 BU	— —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 7 500-15 000 BXU 7 500-15 000 BU 3. For use in compound feed rich in non-starch polysaccharides (mainly beta-glucans and arabinoxylans), e.g. containing more than 50 % wheat	28.2.2005 ([q])

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
28	3-Phytase EC 3.1.3.8	Preparation of 3-phytase produced by *Trichoderma reesei* (CBS 528.94) having a minimum activity of: Solid form: 5 000 PPU ([32])/g Liquid form: 1 000 PPU/g	Piglets	4 months	250 PPU	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 500-750 PPU 3. For use in compound feed rich in phytates, e.g. containing more than 50 % cereals (corn, barley, wheat), tapioca, oilseeds and pulses	30.6.2004 ([i])
			Pigs for fattening	—	500 PPU	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 500-750 PPU 3. For use in compound feed rich in phytates, e.g. containing more than 50 % cereals (corn, barley, wheat), tapioca, oilseeds and pulses	30.6.2004 ([i])
			Chickens for fattening	—	500 PPU	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 500-750 PPU 3. For use in compound feed containing more than 0,22 % phytin bound phosphorus	28.2.2005 ([q])

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
29	Endo-1,3(4)-beta-glucanase EC 3.2.1.6	Preparation of endo-1,3(4)-beta-glucanase produced by *Geosmithia emersonii* (IMI SD 133) having a minimum activity of: Endo-1,3(4)-beta-glucanase: 5 500 U ([33])/g	Chickens for fattening	—	Endo-1,3(4)-beta-glucanase: 250 U	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,3(4)-beta-glucanase: 250 U 3. For use in compound feed rich in non-starch polysaccharides, (mainly beta-glucans), e.g. containing more than 50 % barley	30.6.2004 ([g])
30	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 Endo-1,4-beta-xylanase EC 3.2.1.8	Preparation of endo-1,3(4)-beta-glucanase and endo-1,4-beta-xylanase produced by *Penicillium funiculosum* (IMI SD 101) having a minimum activity of: Powder form: Endo-1,3(4)-beta-glucanase: 2 000 U ([34])/g Endo-1,4-beta-xylanase: 1 400 U ([35])/g Liquid form: Endo-1,3(4)-beta-glucanase: 500 U/ml Endo-1,4-beta-xylanase: 350 U/ml	Chickens for fattening	—	Endo-1,3(4)-beta-glucanase: 100 U Endo-1,4-beta-xylanase: 70 U	— —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,3(4)-beta-glucanase: 100 U endo-1,4-beta-xylanase: 70 U 3. For use in compound feed rich in non-starch polysaccharides, (mainly beta-glucans and arabinoxylans), e.g. containing more than 50 % barley or 60 % wheat	30.6.2004 ([g])

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
			Turkeys for fattening	—	Endo-1,3(4)-beta-glucanase: 100 U Endo-1,4-beta-xylanase: 70 U	— —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,3(4)-beta-glucanase: 100 U endo-1,4-beta-xylanase: 70 U 3. For use in compound feed rich in non-starch polysaccharides (mainly beta-glucans and arabinoxylans), e.g. containing more than 50 % wheat	28.2.2005 (q)
			Laying hens	—	Endo-1,3(4)-beta-glucanase: 100 U Endo-1,4-beta-xylanase: 70 U	— —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,3(4)-beta-glucanase: 100 U endo-1,4-beta-xylanase: 70 U 3. For use in compound feed rich in non-starch polysaccharides (mainly beta-glucans and arabinoxylans), e.g. containing more than 60 % barley or 30 % wheat	28.2.2005 (q)

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
			Pigs for fattening	—	Endo-1,3(4)-beta-glucanase: 100 U Endo-1,4-beta-xylanase: 70 U	— —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,3(4)-beta-glucanase: 100 U endo-1,4-beta-xylanase: 70 U 3. For use in compound feed rich in non-starch polysaccharides (mainly beta-glucans and arabinoxylans), e.g. containing more than 50 % barley or 60 % wheat	28.2.2005 (q)
31	Endo-1,4-beta xylanase EC 3.2.1.8	Preparation of endo-1,4-beta-xylanase produced by *Trichoderma longibrachiatum* (CBS 614.94) having a minimum activity of: Solid form: 300 EU ([36])/g Liquid form: 1 000 EU/g	Chickens for fattening	—	600 EU	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 600 EU 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans), e.g. containing more than 60 % wheat	30.6.2004 (g)

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
			Laying hens	—	300 EU	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 600 EU 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans), e.g. containing more than 60 % wheat	30.6.2004 (g)
32	Endo-1,3(4)-beta-glucanase EC 3.2.1.6	Preparation of endo-1,3(4)-beta-glucanase produced by *Trichoderma longibrachiatum* (ATCC 2106) having a minimum activity of: Endo-1,3(4)-beta-glucanase: 200 U (18) /ml	Chickens for fattening	—	Endo-1,3(4)-beta-glucanase: 100 U	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,3(4)-beta-glucanase: 100 U 3. For use in compound feed rich in non-starch polysaccharides (mainly beta-glucans), e.g. containing more than 30 % barley	30.6.2004 (h)

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
		Preparation of endo-1,3(4)-beta-glucanase produced by *Trichoderma longibrachiatum* (ATCC 2106) having a minimum activity of: Endo-1,3(4)-beta-glucanase: 1 200 U ([18])/ml	Piglets	4 months	Endo-1,3(4)-beta-glucanase: 400 U	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,3(4)-beta-glucanase: 400 U 3. For use in compound feed rich in non-starch polysaccharides (mainly beta-glucans), e.g. containing more than 55 % barley	30.6.2004 ([h])
			Pigs for fattening	—	Endo-1,3(4)-beta-glucanase: 500 U	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,3(4)-beta-glucanase: 500 U 3. For use in compound feed rich in non-starch polysaccharides (mainly beta-glucans), e.g. containing more than 70 % barley	30.6.2004 ([h])

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
33	Endo-1,4-beta-xylanase EC 3.2.1.8	Preparation of endo-1,4-beta-xylanase produced by *Trichoderma longibrachiatum* (ATCC 2105) having a minimum activity of: Powder form: Endo-1,4-beta-xylanase: 2 000 U ([37])/g Liquid form: Endo-1,4-beta-xylanase: 5 000 U/ml	Chickens for fattening	—	Endo-1,4-beta-xylanase: 500 U	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,4-beta-xylanase: 500-2 500 U 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans), e.g. containing more than 55 % wheat or 60 % rye	30.6.2004 ([h])
			Laying hens	—	Endo-1,4-beta-xylanase: 2 000 U	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,4-beta-xylanase: 2 000 U 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans), e.g. containing more than 35 % wheat	30.6.2004 ([h])

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
		Preparation of endo-1,4-beta-xylanase produced by *Trichoderma longibrachiatum* (ATCC 2105) having a minimum activity of: Powder form: Endo-1,4-beta-xylanase: 4 000 U ([37])/g Liquid form: Endo-1,4-beta-xylanase: 10 000 U/ml	Piglets	4 months	Endo-1,4-beta-xylanase: 5 000 U	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,4-beta-xylanase: 5 000 U 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans), e.g. containing more than 45 % wheat	30.6.2004 ([h])
		Preparation of endo-1,4-beta-xylanase produced by *Trichoderma longibrachiatum* (ATCC 2105) having a minimum activity of: Powder form: Endo-1,4-beta-xylanase: 4 000 U ([37])/g Liquid form: Endo-1,4-beta-xylanase: 8 000 U/ml	Pigs for fattening	—	Endo-1,4-beta-xylanase: 4 000 U	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,4-beta-xylanase: 4 000 U 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans), e.g. containing more than 35 % wheat	30.6.2004 ([h])

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
34	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 Endo-1,4-beta-xylanase EC 3.2.1.8 Alpha-amylase EC 3.2.1.1	Preparation of endo-1,3(4)-beta-glucanase and endo-1,4-beta-xylanase produced by *Aspergillus niger* (NRRL 25541) and of alpha-amylase produced by *Aspergillus oryzae* (ATCC 66222) having a minimum activity of: Endo-1,3(4)-beta-glucanase: 275 U ([38])/g Endo-1,4-beta-xylanase: 400 U ([39])/g Alpha-amylase: 3 100 U ([40])/g	Piglets	4 months	Endo-1,3(4)-beta-glucanase: 165 U Endo-1,4-beta-xylanase: 240 U Alpha-amylase: 1 860 U	— — —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and the stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,3(4)-beta-glucanase: 165 U endo-1,4-beta-xylanase: 240 U alpha-amylase: 1 860 U 3. For use in compound feed containing cereals rich in starch and non-starch polysaccharides (mainly arabinoxylans and beta-glucans), e.g. containing more than 45 % barley and 10 % wheat or 10 % maize	26.7.2004 ([i])
35	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 Endo-1,4-beta-xylanase EC 3.2.1.8	Preparation of endo-1,3(4)-beta-glucanase produced by *Trichoderma longibrachiatum* (ATCC 2106) and endo-1,4-beta-xylanase produced by *Trichoderma longibrachiatum* (ATCC 2105) having a minimum activity of: Endo-1,3(4)-beta-glucanase: 80 U ([18])/g Endo-1,4-beta-xylanase: 180 U ([37])/g	Laying hens	—	Endo-1,3(4)-beta-glucanase: 80 U Endo-1,4-beta-xylanase: 180 U	— —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,3(4)-beta-glucanase: 80 U endo-1,4-beta-xylanase: 180 U 3. For use in compound feed rich in non-starch polysaccharides, (mainly beta-glucans and arabinoxylans), e.g. containing more than 60 % barley	26.7.2004 ([i])

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
36	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 Endo-1,4-beta-xylanase EC 3.2.1.8	Preparation of endo-1,3(4)-beta-glucanase produced by *Trichoderma longibrachiatum* (ATCC 2106) and endo-1,4-beta-xylanase produced by *Trichoderma longibrachiatum* (IMI SD 135) having a minimum activity of: Endo-1,3(4)-beta-glucanase: 300 U [18]/g Endo-1,4-beta-xylanase: 300 U [37]/g	Chickens for fattening	—	Endo-1,3(4)-beta-glucanase: 300 U Endo-1,4-beta-xylanase: 300 U	— —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,3(4)-beta-glucanase: 300 U endo-1,4-beta-xylanase: 300 U 3. For use in compound feed rich in non-starch polysaccharides, (mainly beta-glucans and arabinoxylans), e.g. containing more than 40 % barley	26.7.2004 [j]
			Laying hens	—	Endo-1,3(4)-beta-glucanase: 300 U Endo-1,4-beta-xylanase: 300 U	— —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,3(4)-beta-glucanase: 300 U endo-1,4-beta-xylanase: 300 U 3. For use in compound feed rich in non-starch polysaccharides, (mainly beta-glucans and arabinoxylans), e.g. containing more than 35 % barley	26.7.2004 [j]

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
37	Endo-1,4-beta-xylanase EC 3.2.1.8 Subtilisin EC 3.4.21.62	Preparation of endo-1,4-beta-xylanase produced by *Trichoderma longibrachiatum* (ATCC 2105) and subtilisin produced by *Bacillus subtilis* (ATCC 2107), with a minimum activity of: Endo-1,4-beta-xylanase: 2 500 U ([37])/g Subtilisin: 800 U ([41])/g:	Chickens for fattening	—	Endo-1,4-beta-xylanase: 500 U Subtilisin: 160 U	— —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,4-beta-xylanase: 500-2 500 U subtilisin: 160-800 U 3. For use in compound feed e.g. containing more than 65 % wheat	26.7.2004 (i)
			Turkeys	—	Endo-1,4-beta-xylanase: 825 U Subtilisin: 265 U	— —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,4-beta-xylanase: 825-2 500 U subtilisin: 265-800 U 3. For use in compound feed e.g. containing more than 45 % wheat	26.7.2004 (i)

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
38	Endo-1,4-beta-xylanase EC 3.2.1.8 Subtilisin EC 3.4.21.62	Preparation of endo-1,4-beta-xylanase produced by *Trichoderma longibrachiatum* (ATCC 2105) and subtilisin produced by *Bacillus subtilis* (ATCC 2107) having a minimum activity of: Endo-1,4-beta-xylanase: 5 000 U ([37])/g Subtilisin: 500 U ([41])/g	Piglets	4 months	Endo-1,4-beta-xylanase: 5 000 U Subtilisin: 500 U	— —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,4-beta-xylanase: 5 000 U subtilisin: 500 U 3. For use in compound feed e.g. containing more than 40 % wheat	26.7.2004 (j)
39	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 Endo-1,4-beta-xylanase EC 3.2.1.8	Preparation of endo-1,3(4)-beta-glucanase produced by *Trichoderma longibrachiatum* (ATCC 2106) and endo-1,4-beta-xylanase produced by *Trichoderma longibrachiatum* (ATCC 2105) having a minimum activity of: Endo-1,3(4)-beta-glucanase: 400 U ([18])/g Endo-1,4-beta-xylanase: 400 U ([37])/g	Pigs for fattening	—	Endo-1,3(4)-beta-glucanase: 400 U Endo-1,4-beta-xylanase: 400 U	— —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,3(4)-beta-glucanase: 400 U endo-1,4-beta-xylanase: 400 U 3. For use in compound feed rich in non-starch polysaccharides (mainly beta-glucans and arabinoxylans) e.g. containing more than 65 % barley	26.7.2004 (j)

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
40	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 Endo-1,4-beta-xylanase EC 3.2.1.8 Subtilisin EC 3.4.21.62	Preparation of endo-1,3(4)-beta-glucanase produced by *Trichoderma longibrachiatum* (ATCC 2106), endo-1,4-beta-xylanase produced by *Trichoderma longibrachiatum* (ATCC 2105) and subtilisin produced by *Bacillus subtilis* (ATCC 2107) having a minimum activity of: Endo-1,3(4)-beta-glucanase: 100 U ([18])/g Endo-1,4-beta-xylanase: 300 U ([37])/g Subtilisin: 800 U ([41])/g	Chickens for fattening	—	Endo-1,3(4)-beta-glucanase: 30 U Endo-1,4-beta-xylanase: 90 U Subtilisin: 240 U	— — —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,3(4)-beta-glucanase: 30-100 U endo-1,4-beta-xylanase: 90-300 U subtilisin: 240-800 U 3. For use in compound feed e.g. containing more than 60 % barley	26.7.2004 ([i])
41	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 Endo-1,4-beta- xylanase EC 3.2.1.8 Subtilisin EC 3.4.21.62	Preparation of endo-1,3(4)-beta-glucanase produced by *Trichoderma longibrachiatum* (ATCC 2106), endo-1,4-beta-xylanase produced by *Trichoderma longibrachiatum* (ATCC 2105) and subtilisin produced by *Bacillus subtilis* (ATCC 2107) having a minimum activity of: Endo-1,3(4)-beta-glucanase: 100 U ([18])/g Endo-1,4-beta-xylanase: 2 500 U ([37])/g Subtilisin: 800 U ([41])/g	Chickens for fattening	—	Endo-1,3(4)-beta-glucanase: 25 U Endo-1,4-beta-xylanase: 625 U Subtilisin: 200 U	— — —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,3(4)-beta-glucanase: 25-100 U endo-1,4-beta-xylanase: 625-2 500 U subtilisin: 200-800 U 3. For use in compound feed e.g. containing more than 30 % wheat and 10 % barley	26.7.2004 ([i])

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
			Laying hens	—	Endo-1,3(4)-beta-glucanase: 100 U Endo-1,4-beta-xylanase: 2 500 U Subtilisin: 800 U	— — —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,3(4)-beta-glucanase: 100 U endo-1,4-beta-xylanase: 2 500 U subtilisin: 800 U 3. For use in compound feed e.g. containing more than 50 % wheat and 25 % barley	26.7.2004 (i)
42	Endo-1,4-beta-xylanase EC 3.2.1.8	Preparation of endo-1,4-beta-xylanase produced by *Trichoderma longibrachiatum* (IMI SD 135) having a minimum activity of: Solid form: Endo-1,4-beta-xylanase: 4 000 U ([37])/g Characteristics of the authorised preparation: Endo-1,4-beta-xylanase: 1,99 % Wheat: 97,7 % Calcium propionate: 0,3 % Lecithin: 0,01 %	Piglets	4 months	Endo-1,4-beta-xylanase: 4 000 U	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,4-beta-xylanase: 4 000 U 3. For use in compound feed rich in non-starch polysaccharides, (mainly arabinoxylans), e.g. containing more than 60 % wheat	26.7.2004 (i)

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
			Pigs for fattening	—	Endo-1,4-beta-xylanase: 4 000 U	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,4-beta-xylanase: 4 000 U 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans), e.g. containing more than 60 % wheat	17.7.2004 [m]
43	Endo-1,4-beta-xylanase EC 3.2.1.8 Endo-1,3(4)-beta-glucanase EC 3.2.1.6 Alpha-amylase EC 3.2.1.1	Preparation of endo-1,4-beta-xylanase produced by *Trichoderma longibrachiatum* (IMI SD 135), endo-1,3(4)-beta-glucanase produced by *Trichoderma longibrachiatum* (ATCC 2106) and alpha-amylase produced by *Bacillus amyloliquefaciens* (DSM 9553) having a minimum activity of: Endo-1,4-beta-xylanase: 3 975 U [37]/g Endo-1,3(4)-beta-glucanase: 125 U [18]/g Alpha-amylase: 1 000 U [42]/g	Piglets	4 months	Endo-1,4-beta-xylanase: 3 975 U Endo-1,3(4)-beta-glucanase: 125 U Alpha-amylase: 1 000 U	— — —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,4-beta-xylanase: 3 975 U endo-1,3(4)-beta-glucanase: 125 U alpha-amylase: 1 000 U 3. For use in compound feed containing cereals rich in starch and non-starch polysaccharides (mainly arabinoxylans and beta-glucans), e.g. containing more than 30 % wheat and 20 % barley and 20 % rye	6.1.2004 [k]

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
44	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 Endo-1,4-beta-xylanase EC 3.2.1.8 Alpha-amylase EC 3.2.1.1	Preparation of endo-1,3(4)-beta-glucanase produced by *Trichoderma longibrachiatum* (ATCC 2106) and endo-1,4-beta-xylanase produced by *Trichoderma longibrachiatum* (ATCC 2105) and alpha-amylase produced by *Bacillus amyloliquefaciens* (DSM 9553) having a minimum activity of: Endo-1,3(4)-beta-glucanase: 250 U ([18])/g Endo-1,4-beta-xylanase: 400 U ([37])/g Alpha-amylase: 1 000U ([42])/g	Piglets	4 months	Endo-1,3(4)-beta-glucanase: 250 U Endo-1,4-beta-xylanase: 400 U Alpha-amylase: 1 000 U	— — —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,3(4)-beta-glucanase: 250 U endo-1,4-beta-xylanase: 400 U alpha-amylase: 1 000 U 3. For use in compound feed containing cereals rich in starch and non-starch polysaccharides (mainly arabinoxylans and beta-glucans), e.g. containing more than 50 % barley	6.1.2004 ([k])
45	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 Endo-1,4-beta-xylanase EC 3.2.1.8 Alpha-amylase EC 3.2.1.1	Preparation of endo-1,3(4)-beta-glucanase produced by *Trichoderma longibrachiatum* (ATCC 2106) and endo-1,4-beta-xylanase produced by *Trichoderma longibrachiatum* (IMI SD 135) and alpha-amylase produced by *Bacillus amyloliquefaciens* (DSM 9553) having a minimum activity of: Endo-1,3(4)-beta-glucanase: 250 U ([18])/g Endo-1,4-beta-xylanase: 400 U ([37])/g Alpha-amylase: 1 000 U ([42])/g	Piglets	4 months	Endo-1,3(4)-beta-glucanase: 250 U Endo-1,4-beta-xylanase: 400 U Alpha-amylase: 1 000 U	— — —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,3(4)-beta-glucanase: 250 U endo-1,4-beta-xylanase: 400 U alpha-amylase: 1 000 U 3. For use in compound feed containing cereals rich in starch and non-starch polysaccharides (mainly arabinoxylans and beta-glucans), e.g. containing more than 35 % barley	6.1.2004 ([k])

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
46	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 Endo-1,4-beta-xylanase EC 3.2.1.8 Polygalacturonase EC 3.2.1.15	Preparation of endo-1,3(4)-beta-glucanase produced by *Trichoderma longibrachiatum* (ATCC 2106) and endo-1,4-beta-xylanase produced by *Trichoderma longibrachiatum* (IMI SD 135) and polygalacturonase produced by *Aspergillus aculeatus* (CBS 589.94) having a minimum activity of: Endo-1,3(4)-beta-glucanase: 400 U [18]/g Endo-1,4-beta-xylanase: 400 U [37]/g Polygalacturonase: 50 U [37]/g	Pigs for fattening	—	Endo-1,3(4)-beta-glucanase: 400 U Endo-1,4-beta-xylanase: 400 U Polygalacturonase: 50 U	— — —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,3(4)-beta-glucanase: 400 U endo-1,4-beta-xylanase: 400U polygalacturonase: 50 U 3. For use in compound feed containing cereals rich in starch and non-starch polysaccharides (mainly arabinoxylans and beta-glucans), e.g. containing more than 40 % barley	6.1.2004 [k]
47	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 Endo-1,4-beta-xylanase EC 3.2.1.8 Alpha-amylase EC 3.2.1.1 Polygalacturonase EC 3.2.1.15	Preparation of endo-1,3(4)-beta-glucanase produced by *Trichoderma longibrachiatum* (ATCC 2106), endo-1,4-beta-xylanase produced by *Trichoderma longibrachiatum* (IMI SD 135), alpha-amylase produced by *Bacillus amyloliquefaciens* (DSM 9553), polygalacturonase produced by *Aspergillus aculeatus* (CBS 589.94) having a minimum activity of: Endo-1,3(4)-beta-glucanase: 150 U [18]/g Endo-1,4-beta-xylanase: 4 000 U [37]/g Alpha-amylase: 1 000 U [42]/g Polygalacturonase: 25 U [43]/g	Piglets	4 months	Endo-1,3(4)-beta-glucanase: 150 U Endo-1,4-beta-xylanase: 4 000 U Alpha-amylase: 1 000 U Polygalacturonase: 25 U	— — — —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,3(4)-beta-glucanase: 150 U endo-1,4-beta-xylanase: 4 000 U alpha-amylase: 1 000 U polygalacturonase: 25 U 3. For use in compound feed containing cereals rich in starch and non-starch polysaccharides (mainly arabinoxylans and beta-glucans), e.g. containing more than 20 % barley and 35 % wheat	6.1.2004 [k]

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
48	Alpha-amylase EC 3.2.1.1 Endo-1,3(4)-beta-glucanase EC 3.2.1.6	Preparation of alpha-amylase and endo-1,3(4)-beta-glucanase produced by *Bacillus amyloliquefaciens* (DSM 9553) having a minimum activity of: Coated form: Alpha-amylase: 200 KNU (44)/g Endo-1,3(4)-beta-glucanase: 350 FBG (5)/g Liquid form: Alpha-amylase: 130 KNU/ml Endo-1,3(4)-beta-glucanase: 225 FBG/ml	Chickens for fattening	—	10 KNU 17 FBG	40 KNU 70 FBG	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 20 KNU 35 FBG 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans and beta-glucans), e.g. containing more than 40 % barley	1.4.2004 (l)
			Turkeys for fattening	—	40 KNU 70 FBG	80 KNU 140 FBG	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 40 KNU 70 FBG 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans and beta-glucans), e.g. containing more than 40 % barley	1.4.2004 (l)

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
49	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 Endo-1,4-beta-xylanase EC 3.2.1.8 Alpha-amylase EC 3.2.1.1 Bacillolysin EC 3.4.24.28 Polygalacturonase EC 3.2.1.15	Preparation of endo-1,3(4)-beta-glucanase produced by *Trichoderma longibrachiatum* (ATCC 2106), endo-1,4-beta-xylanase produced by *Trichoderma longibrachiatum* (IMI SD 135), alpha-amylase produced by *Bacillus amyloliquefaciens* (DSM 9553), bacillolysin produced by *Bacillus amyloliquefaciens* (DSM 9554) and polygalacturonase produced by *Aspergillus aculeatus* (CBS 589.94) having a minimum activity of: Endo-1,3(4)-beta-glucanase: 150 U ([18])/g Endo-1,4-beta-xylanase: 1 500 U ([37])/g Alpha-amylase: 500 U ([42])/g Bacillolysin: 800 U ([41])/g Polygalacturonase: 50U ([43])/g	Chickens for fattening	—	Endo-1,3(4)-beta-glucanase: 150 U Endo-1,4-beta-xylanase: 1 500 U Alpha-amylase: 500 U Bacillolysin: 800 U Polygalacturonase: 50 U	— — — — —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,3(4)-beta-glucanase: 150 U endo-1,4-beta-xylanase: 1 500 U alpha-amylase: 500 U bacillolysin: 800 U polygalacturonase: 50 U 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans and beta-glucans), e.g. containing more than 30 % wheat	17.7.2004 ([m])
			Laying hens	—	Endo-1,3(4)-beta-glucanase: 150 U Endo-1,4-beta-xylanase: 1 500 U Alpha-amylase: 500 U Bacillolysin: 800 U Polygalacturonase: 50 U	— — — — —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,3(4)-beta-glucanase: 150 U endo-1,4-beta-xylanase: 1 500 U alpha-amylase: 500 U bacillolysin: 800 U polygalacturonase: 50 U 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans and beta-glucans), e.g. containing more than 30 % wheat	17.7.2004 ([m])

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
50	6-Phytase EC 3.1.3.26	Preparation of 6-phytase produced by *Aspergillus oryzae* (DSM 11857) having a minimum activity of: Coated form: 2 500 FYT [3]/g Liquid form: 5 000 FYT/g	Chickens for fattening	—	250 FYT	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 500-1 000 FYT 3. For use in compound feed containing more than 0,25 % phytin bound phosphorus	17.7.2004 [m]
			Laying hens	—	250 FYT	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 500-1 000 FYT 3. For use in compound feed containing more than 0,25 % phytin bound phosphorus	17.7.2004 [m]
			Turkeys for fattening	—	250 FYT	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 500-1 000 FYT 3. For use in compound feed containing more than 0,25 % phytin bound phosphorus	17.7.2004 [m]

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
			Piglets	2 months	500 FYT	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 500-1 000 FYT 3. For use in compound feed containing more than 0,25 % phytin bound phosphorus	17.7.2004 [m]
			Pigs for fattening	—	500 FYT	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 500-1 000 FYT 3. For use in compound feed containing more than 0,25 % phytin bound phosphorus	17.7.2004 [m]
51	Endo-1,4-beta-xylanase EC 3.2.1.8	Preparation of endo-1,4-beta-xylanase produced by *Bacillus subtilis* (LMG-S 15136) having a minimum activity of: 100 IU [45]/g	Chickens for fattening	—	10 IU	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 10 IU 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans), e.g. containing more than 40 % wheat	17.7.2004 [m]

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
			Piglets	2 months	10 IU	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: 10 IU 3. For use in compound feed rich in arabinoxylan, e.g. containing more than 40 % wheat	31.5.2005 [r]
52	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 Endo-1,4-beta-glucanase EC 3.2.1.4 Alpha-amylase EC 3.2.1.1	Preparation of endo-1,3(4)-beta-glucanase produced by *Aspergillus aculeatus* (CBS 589.94), endo-1,4-beta-glucanase produced by *Trichoderma longibrachiatum* (CBS 592.94) and alpha-amylase produced by *Bacillus amyloliquefaciens* (DSM 9553) having a minimum activity of: Liquid form: Endo-1,3(4)-beta-glucanase: 10 000 U [46]/ml Endo-1,4-beta-glucanase: 120 000 U [47]/ml Alpha-amylase: 400 U [48]/ml	Chickens for fattening	—	Endo-1,3(4)-beta-glucanase: 1 000 U Endo-1,4-beta-glucanase: 12 000 U Alpha-amylase: 40 U	— — —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,3(4)-beta-glucanase: 1 000-2 000 U endo-1,4-beta-glucanase: 12 000-24 000 U alpha-amylase: 40-80 U 3. For use in compound feed rich in non starch polysaccharides (mainly arabinoxylans and beta-glucans) e.g. containing more than 20 % wheat and 15 % sorghum and 5 % maize	17.7.2004 [m]

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
53	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 Endo-1,4-beta-glucanase EC 3.2.1.4 Alpha-amylase EC 3.2.1.1 Bacillolysin EC 3.4.24.28 Endo-1,4-beta-xylanase EC 3.2.1.8	Preparation of endo-1,3(4)-beta-glucanase produced by *Aspergillus aculeatus* (CBS 589.94), endo-1,4-beta-glucanase produced by *Trichoderma longibrachiatum* (CBS 592.94), alpha-amylase produced by *Bacillus amyloliquefaciens* (DSM 9553), bacillolysin produced by *Bacillus amyloliquefaciens* (DSM 9554) and endo-1,4-beta-xylanase produced by *Trichoderma viride* (NIBH FERM BP 4842) having a minimum activity of: Endo-1,3(4)-beta-glucanase: 2 350 U ([46])/g Endo-1,4-beta-glucanase: 4 000 U ([47])/g Alpha-amylase: 400 U ([49])/g Bacillolysin: 450 U ([50])/g Endo-1,4-beta-xylanase: 20 000 U ([51])/g	Piglets	2 months	Endo-1,3(4)-beta-glucanase: 2 350 U Endo-1,4-beta-glucanase: 4 000 U Alpha-amylase: 400 U Bacillolysin: 450 U Endo-1,4-beta-xylanase: 20 000 U	— — — — —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,3 (4)-beta-glucanase: 2 350 U endo-1,4-beta-glucanase: 4 000 U alpha-amylase: 400 U bacillolysin: 450 U endo-1,4-beta-xylanase: 20 000 U 3. For use in compound feed rich in non-starch polysaccharides (mainly beta-glucans and arabinoxylans), e.g. containing more than 25 % barley and 20 % maize	23.11.2004 ([o])
			Chickens for fattening	—	Endo-1,3(4)-beta-glucanase: 1 175 U Endo-1,4-beta-glucanase: 2 000 U Alpha-amylase: 200 U Bacillolysin: 225 U Endo-1,4- beta-xylanase: 10 000 U	— — — — —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,3(4)-beta-glucanase: 1 175-2 350 U endo-1,4-beta-glucanase: 2 000-4 000 U alpha-amylase: 200-400 U bacillolysin: 225-450 U endo-1,4-beta-xylanase: 10 000-20 000 U	23.11.2004 ([o])

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
							3. For use in compound feed rich in non-starch polysaccharides (mainly beta-glucans and arabinoxylans), e.g. containing more than 45 % wheat	
54	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 Endo-1,4-beta-glucanase EC 3.2.1.4 Alpha-amylase EC 3.2.1.1 Endo-1,4-beta-xylanase EC 3.2.1.8	Preparation of endo-1,3(4)-beta-glucanase produced by *Aspergillus aculeatus* (CBS 589.94), endo-1,4-beta-glucanase produced by *Trichoderma longibrachiatum* (CBS 592.94), alpha-amylase produced by *Bacillus amyloliquefaciens* (DSM 9553) and endo-1,4-beta-xylanase produced by *Trichoderma viride* (NIBH FERM BP 4842) having a minimum activity of: Endo-1,3(4)-beta-glucanase: 10 000 U ([46])/g Endo-1,4-beta-glucanase: 120 000 U ([47])/g Alpha-amylase: 400 U ([49])/g Endo-1,4-beta-xylanase: 210 000 U ([51])/g	Chickens for fattening	—	Endo-1,3(4)-beta-glucanase: 1 000 U Endo-1,4-beta-glucanase: 12 000 U Alpha-amylase: 40 U Endo-1,4-beta-xylanase: 21 000 U	— — — —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,3(4)-beta-glucanase: 1 000-2 000 U endo-1,4-beta-glucanase: 12 000-24 000 U alpha-amylase: 40-80 U endo-1,4-beta-xylanase: 21 000-42 000 U 3. For use in compound feed rich in non-starch polysaccharides (mainly beta-glucans and arabinoxylans), e.g. containing more than 45 % wheat	23.11.2004 ([o])

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
55	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 Endo-1,4-beta-glucanase EC 3.2.1.4 Alpha-amylase EC 3.2.1.1 Bacillolysin EC 3.4.24.28	Preparation of endo-1,3(4)-beta-glucanase produced by *Aspergillus aculeatus* (CBS 589.94), endo-1,4-beta-glucanase produced by *Trichoderma longibrachiatum* (CBS 592.94), alpha-amylase produced by *Bacillus amyloliquefaciens* (DSM 9553) and bacillolysin produced by *Bacillus amyloliquefaciens* (DSM 9554) having a minimum activity of: Endo-1,3(4)-beta-glucanase: 3 000 U ([46])/g Endo-1,4-beta-glucanase: 5 000 U ([47])/g Alpha-amylase: 540 U ([49])/g Bacillolysin: 450 U ([50])/g	Piglets	2 months	Endo-1,3(4)-beta-glucanase: 1 500 U Endo-1,4-beta-glucanase: 2 500 U Alpha-amylase: 270 U Bacillolysin: 225 U	— — — —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,3(4)-beta-glucanase: 1 500-3 000 U endo-1,4-beta-glucanase: 2 500-5 000 U alpha-amylase: 270-540 U bacillolysin: 225-450 U 3. For use in compound feed rich in starch and non-starch polysaccharides, e.g. containing more than 35 % wheat and 15 % barley	23.11.2004 ([o])
			Pigs for fattening	—	Endo-1,3(4)-beta-glucanase: 1 500 U Endo-1,4-beta-glucanase: 2 500 U Alpha-amylase: 270 U Bacillolysin: 225 U	— — — —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,3(4)-beta-glucanase: 1 500-3 000 U endo-1,4-beta-glucanase: 2 500-5 000 U alpha-amylase: 270-540 U bacillolysin: 225-450 U 3. For use in compound feed rich in starch and non-starch polysaccharides, e.g. containing more than 50 % barley	23.11.2004 ([o])

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
			Chickens for fattening	—	Endo-1,3(4)-beta-glucanase: 1 500 U Endo-1,4-beta-glucanase: 2 500 U Alpha-amylase: 270 U Bacillolysin: 225 U	— — — —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,3(4)-beta-glucanase: 1 500-3 000 U endo-1,4-beta-glucanase: 2 500-5 000 U alpha-amylase: 270-540 U bacillolysin: 225-450 U 3. For use in compound feed rich in starch and non-starch polysaccharides, e.g. containing more than 50 % maize or 50 % wheat	23.11.2004 (o)
			Laying hens	—	Endo-1,3(4)-beta-glucanase: 1 500 U Endo-1,4-beta-glucanase: 2 500 U Alpha-amylase: 270 U Bacillolysin: 225 U	— — — —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,3(4)-beta-glucanase: 1 500-3 000 U endo-1,4-beta-glucanase: 2 500-5 000 U alpha-amylase: 270-540 U bacillolysin: 225-450 U 3. For use in compound feed rich in starch and non-starch polysaccharides, e.g. containing more than 40 % maize and 10 % rye	23.11.2004 (o)

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
56	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 Endo-1,4-beta-glucanase EC 3.2.1.4 Alpha-amylase EC 3.2.1.1 Bacillolysin EC 3.4.24.28	Preparation of endo-1,3(4)-beta-glucanase produced by *Aspergillus aculeatus* (CBS 589.94), endo-1,4-beta-glucanase produced by *Trichoderma longibrachiatum* (CBS 592.94), alpha-amylase produced by *Bacillus amyloliquefaciens* (DSM 9553) and bacillolysin produced by *Bacillus amyloliquefaciens* (DSM 9554) having a minimum activity of: Endo-1,3(4)-beta-glucanase: 6 000 U ([46])/g Endo-1,4-beta-glucanase: 3 500 U ([47])/g Alpha-amylase: 1 400 U ([49])/g Bacillolysin: 450 U ([50])/g	Chickens for fattening	—	Endo-1,3(4)-beta-glucanase: 6 000 U Endo-1,4-beta-glucanase: 3 500 U Alpha-amylase: 1 400 U Bacillolysin: 450 U	— — — —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,3(4)-beta-glucanase: 6 000 U endo-1,4-beta-glucanase: 3 500 U alpha-amylase: 1 400 U bacillolysin: 450 U 3. For use in compound feed rich in non-starch polysaccharides (mainly arabinoxylans and beta-glucans), e.g. containing more than 40 % barley	23.11.2004 ([o])
57	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 Endo-1,4-beta-glucanase EC 3.2.1.4 Alpha-amylase EC 3.2.1.1 Bacillolysin EC 3.4.24.28	Preparation of endo-1,3(4)-beta-glucanase produced by *Aspergillus aculeatus* (CBS 589.94), endo-1,4-beta-glucanase produced by *Trichoderma longibrachiatum* (CBS 592.94), alpha-amylase produced by *Bacillus amyloliquefaciens* (DSM 9553) and bacillolysin produced by *Bacillus amyloliquefaciens* (DSM 9554) having a minimum activity of: Endo-1,3(4)-beta-glucanase: 3 000 U ([46])/g Endo-1,4-beta-glucanase: 9 000 U ([47])/g Alpha-amylase: 540 U ([49])/g Bacillolysin: 450 U ([50])/g	Chickens for fattening	—	Endo-1,3(4)-beta-glucanase: 3 000 U Endo-1,4-beta-glucanase: 9 000 U Alpha-amylase: 540 U Bacillolysin: 450 U	— — — —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,3(4)-beta-glucanase: 3 000 U endo-1,4-beta-glucanase: 9 000 U alpha-amylase: 540 U bacillolysin: 450 U 3. For use in compound feed rich in starch and non-starch polysaccharides (mainly cellulose and hemicellulose), e.g. containing more than 20 % sunflower meal and 10 % soya meal	23.11.2004 ([o])

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
58	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 Endo-1,4-beta-glucanase EC 3.2.1.4 Alpha-amylase EC 3.2.1.1 Bacillolysin EC 3.4.24.28	Preparation of endo-1,3(4)-beta-glucanase produced by *Aspergillus aculeatus* (CBS 589.94), endo-1,4-beta-glucanase produced by *Trichoderma longibrachiatum* (CBS 592.94), alpha-amylase produced by *Bacillus amyloliquefaciens* (DSM 9553) and bacillolysin produced by *Bacillus amyloliquefaciens* (DSM 9554) having a minimum activity of: Endo-1,3(4)-beta-glucanase: 2 350 U ([46])/g Endo-1,4-beta-glucanase: 5 000 U ([47])/g Alpha-amylase: 400 U ([49])/g Bacillolysin: 5 000 U ([50])/g	Piglets	2 months	Endo-1,3(4)-beta-glucanase: 2 350 U Endo-1,4-beta-glucanase: 5 000 U Alpha-amylase: 400 U Bacillolysin: 5 000 U	— — — —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,3(4)-beta-glucanase: 2 350 U endo-1,4-beta-glucanase: 5 000 U alpha-amylase: 400 U bacillolysin: 5 000 U 3. For use in compound feed rich in non-starch polysaccharides (mainly beta-glucans and arabinoxylans), e.g. containing more than 30 % barley	23.11.2004 ([o])
59	Endo-1,4-beta-xylanase EC 3.2.1.8 Endo-1,3(4)-beta-glucanase EC 3.2.1.6 Subtilisin EC 3.4.21.62 Alpha-amylase EC 3.2.1.1 Polygalacturonase EC 3.2.1.15	Preparation of endo-1,4-beta-xylanase produced by *Trichoderma longibrachiatum* (ATCC 2105), endo-1,3(4)-beta-glucanase and alpha-amylase produced by *Bacillus amyloliquefaciens* (DSM 9553), subtilisin produced by *Bacillus subtilis* (ATCC 2107), polygalacturonase produced by *Aspergillus aculeatus* (CBS 589.94) having a mimimum activity of: Endo-1,4-beta-xylanase: 300 U ([37])/g Endo-1,3(4)-beta-glucanase: 150 U ([18])/g Subtilisin: 4 000 U ([41])/g Alpha-amylase: 400 U ([42])/g Polygalacturonase: 25 U ([43])/g	Chickens for fattening	—	Endo-1,4-beta-xylanase: 300 U Endo-1,3(4)-beta-glucanase: 150 U Subtilisin: 4 000 U Alpha-amylase: 400 U Polygalacturonase: 25 U	— — — — —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,4-beta-xylanase: 300 U endo-1,3(4)-beta-glucanase: 150 U subtilisin: 4 000 U alpha-amylase: 400 U polygalacturonase: 25 U 3. For use in compound feed rich in starch and non-starch polysaccharides (mainly arabinoxylans and beta-glucans), e.g. containing more than 40 % maize	28.2.2005 ([q])

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					Units of activity/kg of complete feedingstuff			
60	Endo-1,4-beta-xylanase EC 3.2.1.8 Endo-1,3(4)-beta-glucanase EC 3.2.1.6	Preparation of endo-1,4-beta-xylanase produced by *Trichoderma longibrachiatum* (ATCC 2105), endo-1,3(4)-beta-glucanase produced by *Trichoderma longibrachiatum* (ATCC 2106) having a minimum activity of: Endo-1,4-beta-xylanase: 5 000 U ([37]) /ml Endo-1,3(4)-beta-glucanase: 50 U ([18]) /ml	Chickens for fattening	—	Endo-1,4-beta-xylanase: 500 U Endo-1,3(4)-beta-glucanase: 5 U	— —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,4-beta-xylanase: 500-2 500 U endo-1,3(4)-beta-glucanase: 5-25 U 3. For use in compound feed rich in non-starch polysaccharides (mainly beta-glucans and arabinoxylans), e.g. containing more than 20 % barley and 40 % wheat	28.2.2005 ([9])
61	Endo-1,4-beta-xylanase EC 3.2.1.8 Endo-1,3(4)-beta-glucanase EC 3.2.1.6	Preparation of endo-1,4-beta-xylanase produced by *Trichoderma reesei* (CBS 529.94), endo-1,3(4)-beta-glucanase produced by *Trichoderma reesei* (CBS 526.94) having a minimum activity of: Powder form: Endo-1,4-beta-xylanase: 17 000 BXU ([30])/g Endo-1,3(4)-beta-glucanase: 11 000 BU ([29])/g Liquid form: Endo-1,4-beta-xylanase: 22 000 BXU/ml Endo-1,3(4)-beta-glucanase: 15 000 BU/ml	Chickens for fattening	—	Endo-1,4-beta-xylanase: 17 000 BXU Endo-1,3(4)-beta-glucanase: 11 000 BU	— —	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting 2. Recommended dose per kg of complete feedingstuff: endo-1,4-beta-xylanase: 17 000 BXU endo-1,3(4)-beta-glucanase: 11 000 BU 3. For use in compound feed rich in non-starch polysaccharides (mainly beta-glucans and arabinoxylans), e.g containing more than 40 % barley or 55 % wheat	28.2.2005 ([9])

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					CFU/kg of complete feedingstuff			
Micro-organisms								
1	*Bacillus cereus* var. *toyoi* NCIMB 40112/CNCM I-1012	Preparation of *Bacillus cereus* var. *toyoi* containing a minimum of 1×10^{10} CFU/g additive	Chickens for fattening	—	$0{,}2 \times 10^9$	1×10^9	In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting May be used in compound feed containing the permitted coccidiostats: monensin sodium, lasolacid sodium, salinomycin sodium, decoquinate, robenidine, narasin, halofuginone	1.3.2002 (h)
			Laying hens	—	$0{,}2 \times 10^9$	1×10^9	In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting	1.3.2002 (h)
			Calves	6 months	$0{,}5 \times 10^9$	1×10^9	In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting	1.3.2002 (h)
			Cattle for fattening	—	$0{,}2 \times 10^9$	$0{,}2 \times 10^9$	In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting The quantity of *Bacillus cereus* var. *toyoi* in the daily ration must not exceed $1{,}0 \times 10^9$ CFU for 100 kg body weight. Add $0{,}2 \times 10^9$ CFU for each additional 100 kg body weight	1.3.2002 (h)
			Breeding does	—	$0{,}1 \times 10^9$	5×10^9	In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting May be used in compound feed containing the permitted coccidiostat: robenidine	1.3.2002 (h)
			Rabbits for fattening	—	$0{,}1 \times 10^9$	5×10^9	In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting May be used in compound feed containing the permitted coccidiostats: robenidine, salinomycin sodium	1.3.2002 (h)

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					CFU/kg of complete feedingstuff			
3	*Saccharomyces cerevisiae* NCYC Sc 47	Preparation of *Saccharomyces cerevisiae* containing a minimum of 5×10^9 CFU/g additive	Rabbits for fattening	—	$2{,}5 \times 10^9$	5×10^9	In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting May be used in compound feed containing the permitted coccidiostat: meticlorpindol	30.6.2004 (f)
			Sows	—	5×10^9	$2{,}5 \times 10^{10}$	In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting	30.6.2004 (f)
			Piglets	4 months	5×10^9	1×10^{10}	In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting	30.6.2004 (f)
			Dairy cows	—	4×10^8	2×10^9	In the directions for use of the additive and the premixture, indicate the storage temperature, storage life and stability to pelleting The quantity of *Saccharomyces cerevisiae* in the daily ration must not exceed $5{,}6 \times 10^9$ CFU per 100 kg of body weight. Add $8{,}75 \times 10^9$ CFU per each additional 100 kg body weight	31.5.2005 (r)
5	*Saccharomyces cerevisiae* CBS 493.94	Preparation of *Saccharomyces cerevisiae* containing a minimum of: 1×10^8 CFU/g additive	Calves	6 months	2×10^8	2×10^9	In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting	30.6.2004 (f)
			Cattle for fattening	—	$1{,}7 \times 10^8$	$1{,}7 \times 10^8$	In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting The quantity of *Saccharomyces cerevisiae* in the daily ration must not exceed $7{,}5 \times 10^8$ CFU for 100 kg body weight. Add 1×10^8 CFU for each additional 100 kg body weight	30.6.2004 (g)
			Dairy cows	—	5×10^7	$3{,}5 \times 10^8$	In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting The quantity of *Saccharomyces cerevisiae* in the daily ration must not exceed $1{,}2 \times 10^9$ CFU for 100 kg body weight. Add $1{,}7 \times 10^8$ CFU per each additional 100 kg body weight	31.5.2005 (r)

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					CFU/kg of complete feedingstuff			
6	*Saccharomyces cerevisiae* CNCM I-1079	Preparation of *Saccharomyces cerevisiae* containing a minimum of: 2×10^{10} CFU/g additive	Sows	—	2×10^{9}	1×10^{10}	In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting	30.6.2004 (f)
			Piglets	4 months	6×10^{9}	3×10^{10}	In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting	30.6.2004 (f)
7	*Saccharomyces cerevisiae* CNCM I-1077	Preparation of *Saccharomyces cerevisiae* containing a minimum of: 2×10^{10} CFU/g additive	Dairy cows	—	$5{,}5 \times 10^{8}$	$2{,}1 \times 10^{9}$	In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting The quantity of *Saccharomyces cerevisiae* in the daily ration must not exceed $8{,}4 \times 10^{9}$ CFU for 100 kg body weight. Add $1{,}8 \times 10^{9}$ CFU for each additional 100 kg body weight	30.6.2004 (f)
			Cattle for fattening	—	1×10^{9}	$1{,}5 \times 10^{9}$	In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting The quantity of *Saccharomyces cerevisiae* in the daily ration must not exceed $4{,}6 \times 10^{9}$ CFU for 100 kg bodyweight. Add 2×10^{9} CFU for each additional 100 kg body weight	30.6.2004 (f)
8	*Enterococcus faecium* ATCC 53519 *Enterococcus faecium* ATCC 55593 (In a 1/1 ratio)	Mixture of: encapsulated *Enterococcus faecium* (ATCC 53519) and encapsulated *Enterococcus faecium* (ATCC 55593) containing a minimum of: 2×10^{8} CFU/g of the additive (i.e. a minimum of 1×10^{8} CFU/g of each bacterium)	Chickens for fattening	—	1×10^{8}	1×10^{8}	In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting May be used in compound feed containing the permitted coccidiostats: amprolium, decoquinate, halofuginone, lasalocid sodium, maduramicin ammonium, monensin sodium, narasin, nicarbazin, narasin/nicarbazin, salinomycin sodium	30.6.2004 (f)

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					CFU/kg of complete feedingstuff			
9	*Pediococcus acidilactici* CNCM MA 18/5M	Preparation of *Pediococcus acidilactici* containing a minimum of 1×10^{10} CFU/g of additive	Chickens for fattening	—	1×10^{9}	1×10^{10}	In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting May be used in compound feed containing the permitted coccidiostats: amprolium, meticlorpindol, decoquinate, halofuginone, narasin, salinomycin sodium, nicarbazin, maduramicin ammonium, diclazuril	30.6.2004 (g)
			Piglets	4 months	1×10^{9}	1×10^{9}	In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting	30.6.2004 (g)
			Pigs for fattening	—	1×10^{9}	1×10^{9}	In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting	30.6.2004 (g)
10	*Enterococcus faecium* NCIMB 10415	Preparation of *Enterococcus faecium* containing a minimum of: Microencapsulated form: $1{,}0 \times 10^{10}$ CFU/g additive $1{,}75 \times 10^{10}$ CFU/g additive	Chickens for fattening	—	$0{,}3 \times 10^{9}$	$2{,}8 \times 10^{9}$	In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting May be used in compound feed containing the permitted coccidiostats: amprolium, amprolium/ethopabate, diclazuril, halofuginone, maduramicin ammonium, meticlorpindol, meticlorpindol/methylbenzoquate, monensin sodium, robenidine, salinomycin sodium	30.6.2004 (g)
			Pigs for fattening	—	$0{,}35 \times 10^{9}$	$1{,}5 \times 10^{9}$	In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting	30.6.2004 (g)
			Sows	—	$0{,}2 \times 10^{9}$	$1{,}25 \times 10^{9}$	In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting	30.6.2004 (g)
			Cattle for fattening	—	$0{,}25 \times 10^{9}$	$0{,}6 \times 10^{9}$	In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting The quantity of *Enterococcus faecium* in the daily ration must not exceed 1×10^{9} CFU for 100 kg body weight. Add 1×10^{9} CFU for each additional 100 kg body weight	30.6.2004 (g)

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					CFU/kg of complete feedingstuff			
		Preparation of *Enterococcus faecium* containing a minimum of: Microencapsulated form: $1,0 \times 10^{10}$ CFU/g additive $1,75 \times 10^{10}$ CFU/g additive and: Granulated form: $3,5 \times 10^{10}$ CFU/g additive	Piglets	4 months	$0,3 \times 10^{9}$	$1,4 \times 10^{9}$	In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting Granulated form to be used exclusively in milk replacers	30.6.2004 (g)
			Calves	6 months	$0,35 \times 10^{9}$	$6,6 \times 10^{9}$	In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting Granulated form to be used exclusively in milk replacers	30.6.2004 (g)
11	*Enterococcus faecium* DSM 5464	Preparation of *Enterococcus faecium* containing a minimum of: 5×10^{10} CFU/g additive	Piglets	4 months	$0,5 \times 10^{9}$	1×10^{9}	In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting	30.6.2004 (g)
			Chickens for fattening	—	$0,5 \times 10^{9}$	1×10^{9}	In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting May be used in compound feed containing the permitted coccidiostats: amprolium, diclazuril, halofuginone, monensin-sodium, meticlorpindol/methylbenzoquate, nicarbazin	1.4.2004 (l)
			Calves	4 months	$0,5 \times 10^{9}$	1×10^{9}	In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting	1.4.2004 (l)
12	*Lactobacillus farciminis* CNCM MA 67/4R	Preparation of *Lactobacillus farciminis* containing a minimum of 1×10^{9} CFU/g additive	Piglets	4 months	1×10^{9}	1×10^{10}	In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting	30.6.2004 (h)

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					CFU/kg of complete feedingstuff			
13	*Enterococcus faecium* DSM 10663/NCIMB 10415	Preparation of *Enterococcus faecium* containing a minimum of: Powder and granulated forms: $3{,}5 \times 10^{10}$ CFU/g additive Coated form: $2{,}0 \times 10^{10}$ CFU/g additive Liquid form: 1×10^{10} CFU/ml additive	Piglets	4 months	1×10^{9}	1×10^{10}	In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting	30.6.2004 (h)
			Calves	6 months	1×10^{9}	1×10^{10}	In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting	26.7.2004 (i)
			Chickens for fattening	—	1×10^{9}	1×10^{10}	In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting May be used in compound feed containing the permitted coccidiostats: amprolium, amprolium-ethopabat, decoquinate, diclazuril, halofuginone, lasalocid sodium, maduramicin ammonium, meticlorpindol/ methylbenzoquate, monensin sodium, narasin, nicarbazin, robenidine, salinomycin sodium	26.7.2004 (i)
14	*Saccharomyces cerevisiae* MUCL 39885	Preparation of *Saccharomyces cerevisiae* containing a minimum of: Powder, spheric and oval granulated forms: 1×10^{9} CFU/ g additive	Piglets	4 months	3×10^{9}	3×10^{9}	In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting	30.6.2004 (h)
			Cattle for fattening	—	9×10^{9}	9×10^{9}	In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting The quantity of *Saccharomyces cerevisiae* in the daily ration must not exceed $1{,}6 \times 10^{10}$ CFU per 100 kg body weight. Add $3{,}2 \times 10^{9}$ CFU for each additional 100 kg body weight	30.6.2004 (h)
15	*Enterococcus faecium* NCIMB 11181	Preparation of *Enterococcus faecium* containing a minimum of: Powder form: 4×10^{11} CFU/g additive Coated form: 5×10^{10} CFU/g additive	Calves	6 months	5×10^{8}	2×10^{9}	In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting	6.1.2004 (k)
			Piglets	4 months	5×10^{8}	2×10^{9}	In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting	6.1.2004 (k)

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					CFU/kg of complete feedingstuff			
16	*Enterococcus faecium* DSM 7134 *Lactobacillus rhamnosus* DSM 7133	Mixture of: *Enterococcus faecium* containing a minimum of: 7×10^9 CFU/g and of: *Lactobacillus rhamnosus* containing a minimum of: 3×10^9 CFU/g	Calves	6 months	1×10^9	6×10^9	In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting	6.1.2004 [k]
			Piglets	4 months	1×10^9	5×10^9	In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting	6.1.2004 [k]
17	*Lactobacillus casei* NCIMB 30096 *Enterococcus faecium* NCIMB 30098	Mixture of: *Lactobacillus casei* and *Enterococcus faecium* containing a minimum of: *Lactobacillus casei* 2×10^9 CFU/g and: *Enterococcus faecium* 6×10^9 CFU/g	Calves	6 months	*Lactobacillus casei* $0{,}5 \times 10^9$ *Enterococcus faecium* $1{,}5 \times 10^9$	*Lactobacillus casei* 1×10^9 *Enterococcus faecium* 3×10^9	In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting	1.4.2004 [l]
18	*Enterococcus faecium* CECT 4515	Preparation of *Enterococcus faecium* containing a minimum of 1×10^{10} CFU/g additive	Piglets	4 months	1×10^9	1×10^9	In the directions for use of the additive and premixture indicate the storage temperature, storage life and stability to pelleting	1.4.2004 [l]
			Calves	6 months	1×10^9	1×10^9	In the directions for use of the additive and premixture indicate the storage temperature, storage life and stability to pelleting	1.4.2004 [l]
19	*Streptococcus infantarius* CNCM I-841 *Lactobacillus plantarum* CNCM I-840	Mixture of: *Streptococcus infantarius* and *Lactobacillus plantarum* containing a minimum of: *Streptococcus infantarius* $0{,}5 \times 10^9$ CFU/g and: *Lactobacillus plantarum* 2×10^9 CFU/g	Calves	6 months	*Streptococcus infantarius*: 1×10^9 *Lactobacillus plantarum:* $0{,}5 \times 10^9$	*Streptococcus infantarius*: 1×10^9 *Lactobacillus plantarum:* $0{,}5 \times 10^9$	In the directions for use of the additive and premixture, indicate the storage temperature, storage life and stability to pelleting	17.7.2004 [m]

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					CFU/kg of complete feedingstuff			
20	*Bacillus licheniformis* DSM 5749 *Bacillus subtilis* DSM 5750 (In a 1/1 ratio)	Mixture of: *Bacillus licheniformis* and *Bacillus subtilis* containing a minimum of: $3,2 \times 10^9$ CFU/g of the additive ($1,6 \times 10^9$ CFU/g of each bacterium)	Sows	15 days pre-partum and during lactation period	$0,96 \times 10^9$	$1,92 \times 10^9$	In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting	23.11.2004 (o)
			Pigs for fattening	—	$0,48 \times 10^9$	$1,28 \times 10^9$	In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting	23.11.2004 (o)
			Chickens for fattening	—	$3,2 \times 10^9$	$3,2 \times 10^9$	In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting May be used in compound feed containing the permitted coccidiostats: amprolium/ethopabate, diclazuril, halofuginone, meticlorpindol/methylbenzoquate, monensin sodium, nicarbazin, robenidine and salinomycin sodium	23.11.2004 (o)
			Turkeys for fattening	—	$1,28 \times 10^9$	$3,2 \times 10^9$	In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting May be used in compound feed containing the permitted coccidiostats: amprolium/ethopabate, diclazuril, halofuginone, meticlorpindol/methylbenzoquate, monensin sodium, nifursol and robenidine	23.11.2004 (o)
			Calves	6 months	$1,28 \times 10^9$	$1,6 \times 10^9$	In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting	28.2.2005 (q)
21	*Enterococcus faecium* DSM 3530	Preparation of *Enterococcus faecium* containing a minimum of: $2,5 \times 10^9$ CFU/g	Calves	6 months	1×10^9	1×10^9	In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting	28.2.2005 (q)

No (or EC No)	Additive	Chemical formula, description	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
					mg/kg of complete feedingstuff			
Radionuclide binders								
1. *Radioactive caesium binders (^{137}Cs and ^{134}Cs)*								
1.1	Ferric (III) ammonium hexacyanoferrate (II)	$NH_4Fe(III)[Fe(II)(CN)_6]$	Ruminants (domestic and wild)	—	50	500	Indicate in the instructions for use: 'The quantity of Ferric (III) ammonium hexacyanoferrate (II) in the daily ration must be between 10 mg and 150 mg for 10 kg per body weight'	13.10.2001 [b]
			Calves prior to the start of rumination	—	50	500	Indicate in the instructions for use: 'The quantity of Ferric (III) ammonium hexacyanoferrate (II) in the daily ration must be between 10 mg and 150 mg for 10 kg per body weight'	13.10.2001 [b]
			Lambs prior to the start of rumination	—	50	500	Indicate in the instructions for use: 'The quantity of Ferric (III) ammonium hexacyanoferrate (II) in the daily ration must be between 10 mg and 150 mg for 10 kg per body weight'	13.10.2001 [b]
			Kids prior to the start of rumination	—	50	500	Indicate in the instructions for use: 'The quantity of Ferric (III) ammonium hexacyanoferrate (II) in the daily ration must be between 10 mg and 150 mg per 10 kg of body weight'	13.10.2001 [b]
			Pigs (domestic and wild)	—	50	500	Indicate in the instructions for use: 'The quantity of Ferric (III) ammonium hexacyanoferrate (II) in the daily ration must be between 10 mg and 150 mg per 10 kg of body weight'	13.10.2001 [b]

([a]) First authorisation Commission Directive 97/72/EC (OJ L 351, 23.12. 1997, p. 55).
([b]) First authorisation Commission Directive 96/66/EC (OJ L 272, 25.10.1996, p. 32).
([c]) First authorisation Commission Regulation (EC) No 2316/98 (OJ L 289, 28.10.1998, p. 4).
([d]) First authorisation Commission Regulation(EC) No 639/1999 (OJ L 82, 26.3.1999, p. 6).
([e]) First authorisation Commission regulation (EC) No 1245/1999 (OJ L 150, 17.6.1999, p. 15).
([f]) First authorisation Commission Regulation (EC) No 1436/98 (OJ L 191, 7.7.1998, p. 15).
([g]) First authorisation Commission Regulation (EC) No 866/1999 (OJ L 108, 27.4.1999, p. 21).
([h]) First authorisation Commission Regulation (EC) No 1411/99 (OJ L 164, 30.6.1999, p. 56).
([i]) First authorisation Commission Regulation (EC) No 2374/98 (OJ L 295, 4.11.1998, p. 3).

(i) First authorisation Commission Regulation (EC) No 1636/1999 (OJ L 194, 27.7.1999, p. 17).
(k) First authorisation Commission Regulation (EC) No 2690/1999 (OJ L 326, 18.12.1999, p. 33).
(l) First authorisation Commission Regulation (EC) No 654/2000 (OJ L 79, 30.3.2000, p. 26).
(m) First authorisation Commission Regulation (EC) No 1353/2000 (OJ L 155, 28.6.2000, p. 15).
(n) First authorisation Commission Regulation (EC) No 1887/2000 (OJ L 227, 7.9.2000, p. 13).
(o) First authorisation Commission Regulation (EC) No 2437/2000 (OJ L 280, 4.11.2000, p. 28).
(p) First authorisation Commission Regulation (EC) No 2697/2000 (OJ L 319, 16.12.2000, p. 1).
(q) First authorisation Commission Regulation (EC) No 418/2001 (OJ L 62, 2.3.2001, p. 3).
(r) First authorisation Commission Regulation (EC) No 937/2001 (OJ L 130, 12.5.2001, p. 25).
(s) First authorisation Commission Regulation (EC) No 1334/2001 (OJ L 180, 3.7.2001, p. 18).
(1) In the absence of the establishment, if required, of a specific maximum limit based on sufficient data on the presence of dioxins, the maximum limit of 500 pg WHO-PCCD/F-TEQ/kg will apply from 15 October 2000.
(2) 1 FTU is the amount of enzyme which liberates 1 micromole of inorganic phosphate per minute from sodium phytate at pH 5,5 and 37 °C.
(3) 1 FYT is the amount of enzyme which liberates 1 micromole of inorganic phosphate per minute from sodium phytate at pH 5,5 and 37 °C.
(4) 1 GALU is the amount of enzyme which hydrolyses 1 micromole of p-nitrophenyl-alpha-galactopyranoside per minute at pH 5,5 and 37 °C.
(5) 1 FBG is the amount of enzyme which liberates 1 micromole of reducing sugars (glucose equivalents) from barley beta-glucan per minute at pH 5,0 and 30 °C.
(6) 1 FXU is the amount of enzyme which liberates 7,8 micromoles of reducing sugars (xylose equivalents) from azo-wheat arabinoxylan per minute at pH 6,0 and 50 °C.
(7) 1 FXU is the amount of enzyme which liberates 3,1 micromoles of reducing sugars (xylose equivalents) from azo-wheat arabinoxylan per minute at pH 6,0 and 50 °C.
(8) 1 FXU is the amount of enzyme which liberates 0,15 micromoles of xylose from azurine-cross-linked xylan per minute at pH 5,0 and 40 °C.
(9) 1 BGU is the amount of enzyme which liberates 0,15 micromoles of glucose from azurine-cross-linked beta-glucan per minute at pH 5,0 and 40 °C.
(10) 1 EXU is the amount of enzyme which liberates 1 micromole of reducing sugars (xylose equivalents) from arabinoxylan per minute at pH 3,5 and 55 °C.
(11) 1 RAU is the amount of enzyme which converts 1 mg of soluble starch into a product having an equal absorption to a reference colour at 620 nm after reaction with iodine, per minute at pH 6,6 and 30 °C.
(12) 1 U is the amount of enzyme which liberates 0,1 micromoles of glucose from carboxymethylcellulose per minute at pH 5,0 and 40 °C.
(13) 1 U is the amount of enzyme which liberates 0,1 micromoles of glucose from barley beta-glucan per minute at pH 5,0 and 40 °C.
(14) 1 U is the amount of enzyme which liberates 0,1 micromoles of glucose from oat spelt xylan per minute at pH 5,0 and 40 °C.
(15) 1 BGU is the amount of enzyme which liberates 0,278 micromoles of sugar glucose equivalents from barley beta-glucan per minute at pH 3,5 and 40 °C.
(16) 1 EXU is the amount of enzyme which liberates 1 micromole of reducing sugars (xylose equivalents) from wheat arabinoxylan per minute at pH 3,5 and 55 °C.
(17) 1 U is the amount of enzyme which liberates 1 micromole of xylose from birchwood xylan per minute at pH 5,3 and 50 °C.
(18) 1 U is the amount of enzyme which liberates 1 micromole of reducing sugars (glucose equivalents) from barley beta-glucan per minute at pH 5,0 and 30 °C.
(19) 1 CU is the amount of enzyme which liberates 0,128 micromoles of reducing sugars (glucose equivalents) from barley beta-glucan per minute at pH 4,5 and 30 °C.
(20) 1 EPU is the amount of enzyme which liberates 0,0083 micromoles of reducing sugars (xylose equivalents) from oat spelt xylan per minute at pH 4,7 and 30 °C.
(21) 1 AGL is the amount of enzyme which liberates 5,55 micromoles of reducing sugars (maltose equivalents) from barley beta-glucan per minute at pH 4,6 and 30 °C.
(22) 1 AXC is the amount of enzyme which liberates 17,2 micromoles of reducing sugars (maltose equivalents) from oat xylan per minute at pH 4,7 and 30 °C.
(23) 1 BGN is the amount of enzyme which liberates 1 micromole of reducing sugar (glucose equivalents) from barley beta-glucan per minute at pH 4,8 and 50 °C.
(24) 1 IFP is the amount of enzyme which liberates 1 micromole of reducing sugars (xylose equivalents) from oat xylan per minute at pH 4,8 and 50 °C.
(25) 1 QXU is the amount of enzyme which liberates 1 micromole of reducing sugars (xylose equivalents) from oat xylan per minute at pH 5,1 and 50 °C.
(26) 1 QGU is the amount of enzyme which liberates 1 micromole of reducing sugars (glucose equivalents) from barley beta-glucan per minute at pH 4,8 and 50 °C.
(27) 1 U is the amount of enzyme which liberates 1 micromole of reducing sugars (glucose equivalents) from oat beta-glucan per minute at pH 4,0 and 30 °C.
(28) 1 U is the amount of enzyme which liberates 1 micromole of reducing sugars (xylose equivalents) from oat xylan per minute at pH 4,0 and 30 °C.
(29) 1 BU is the amount of enzyme which liberates 0,06 micromoles of reducing sugars (glucose equivalents) from barley beta-glucan per minute at pH 4,8 and 50 °C.
(30) 1 BXU is the amount of enzyme which liberates 0,06 micromoles of reducing sugars (xylose equivalents) from birch xylan per minute at pH 5,3 and 50 °C.
(31) 1 BU is the amount of enzyme which liberates 0,06 micromoles of reducing sugars (glucose equivalents) from barley beta-glucan per minute at pH 4,8 and 50 °C.
(32) 1 PPU is the amount of enzyme which liberates 1 micromole of inorganic phosphate from sodium phytate per minute at pH 5 and 37 °C.
(33) 1 U is the amount of enzyme which liberates 2,78 micromoles of reducing sugars (maltose equivalents) from barley beta-glucan per minute at pH 5,0 and 50 °C.
(34) 1 U is the amount of enzyme which liberates 5,55 micromoles of reducing sugars (maltose equivalents) from barley beta-glucan per minute at pH 5,0 and 50 °C.
(35) 1 U is the amount of enzyme which liberates 4,00 micromoles of reducing sugars (maltose equivalents) from birchwood xylan per minute at pH 5,5 and 50 °C.
(36) 1 EU is the amount of enzyme which liberates 1 micromole of reducing sugars (xylose equivalents) from oat xylan per minute at pH 4,5 and 40 °C.
(37) 1 U is the amount of enzyme which liberates 1 micromole of reducing sugars (xylose equivalents) from oat spelt xylan per minute at pH 5,3 and 50 °C.
(38) 1 U is the amount of enzyme which liberates 1 micromole of reducing sugar (glucose equivalent) from oat beta-glucan per minute at pH 4,0 and 30 °C.
(39) 1 U is the amount of enzyme which liberates 1 micromole of reducing sugar (glucose equivalent) from oat xylan per minute at pH 4,0 and 30 °C.
(40) 1 U is the amount of enzyme which liberates 1 micromole of reducing sugar (glucose equivalent) from wheat starch per minute at pH 4,0 and 30 °C.
(41) 1 U is the amount of enzyme which liberates 1 microgram of phenolic compound (tyrosine equivalents) from a casein substrate per minute at pH 7,5 and 40 °C.
(42) 1 U is the amount of enzyme which hydrolyses 1 micromole of glucosidic linkages from a water insoluble cross-linked starch polymer substrate per minute at pH 6,5 and 37 °C.
(43) 1 U is the amount of enzyme which liberates 1 micromole of reducing material (galacturonic acid equivalents) from a poly D-galacturonic substrate per minute at pH 5,0 and 40 °C.
(44) 1 KNU is the amount of enzyme which liberates 672 micromoles of reducing sugars (glucose equivalent) from soluble starch per minute at pH 5,6 and 37 °C.

(45) 1 IU is the amount of enzyme which liberates 1 micromole of reducing sugars (xylose equivalents) from birchwood xylan per minute at pH 4,5 and 30 °C.
(46) 1 U is the amount of enzyme which liberates 0,0056 micromoles of reducing sugars (glucose equivalents) from barley beta-glucan per minute at pH 7,5 and 30 °C.
(47) 1 U is the amount of enzyme which liberates 0,0056 micromoles of reducing sugars (glucose equivalents) from carboxymethylcellulose per minute at pH 4,8 and 50 °C.
(48) 1 U is the amount of enzyme which hydrolyses 1 micromole of glucose from a cross-linked starch polymer per minute at pH 7,5 and 37 °C.
(49) 1 U is the amount of enzyme which hydrolyses 1 micromole of glucosidic linkages from water insoluble cross-linked starch polymer per minute at pH 7,5 and 37 °C.
(50) 1 U is the amount of enzyme which makes 1 microgram of azo-casein soluble in trichoracetic acid per minute at pH 7,5 and 37 °C.
(51) 1 U is the amount of enzyme which liberates 0,0067 micromoles of reducing sugars (xylose equivalents) from birchwood xylan per minute at pH 5,3 and 50 °C.