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COMMISSION REGULATION (EC) No 1458/2005

of 8 September 2005

concerning the permanent and provisional authorisations of certain additives in feedingstuffs and the provisional authorisation of new uses of certain additives already authorised in feedingstuffs

(Text with EEA relevance)

(OJ L 233, 9.9.2005, p. 3)

Amended by:

		Official Journal		
		No	page	date
►**M1**	Commission Regulation (EC) No 1096/2009 of 16 November 2009	L 301	3	17.11.2009
►**M2**	Commission Implementing Regulation (EU) 2017/1145 of 8 June 2017	L 166	1	29.6.2017

▼B

COMMISSION REGULATION (EC) No 1458/2005

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(Text with EEA relevance)

▼M2

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Article 2

The preparations belonging to the group 'Enzymes', as specified in Annex II, are authorised for use for four years as additive in animal nutrition under the conditions laid down in that Annex.

Article 3

This Regulation shall enter into force on the 20th day following its publication in the *Official Journal of the European Union*.

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

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ANNEX II

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								
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 ([1])/g Endo-1,4-beta-glucanase: 120 000 U ([2])/g Alpha-amylase: 400 U ([3])/g Endo-1,4-beta-xylanase: 210 000 U ([4])/g	Laying hens	—	Endo-1,3(4)-beta-glucanase: 500 U endo-1,4-beta-glucanase: 6 000 U alpha-amylase: 20 U endo-1,4-beta-xylanase: 10 500 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: 500-1 500 U endo-1,4-beta-glucanase: 6 000-18 000 U alpha-amylase: 20-60 U endo-1,4-beta-xylanase: 10 500-31 500 U 3. For use in compound feed rich in non-starch polysaccharides (mainly beta-glucans and arabinoxylans), e.g. containing more than 30 % wheat	29.9.2009
▼M2 ———								
▼M1 ———								

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([1]) 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.
([2]) 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.
([3]) 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.
([4]) 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.