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►**B**

COMMISSION REGULATION (EU) No 337/2011

of 7 April 2011

concerning the authorisation of an enzyme preparation of endo-1,4-beta-xylanase and endo-1,3(4)-beta-glucanase as feed additive for poultry, weaned piglets and pigs for fattening (holder of the authorisation ►**M1** Danisco (UK) Ltd, trading as Danisco Animal Nutrition and represented by Genencor International B.V. ◄)

(Text with EEA relevance)

(OJ L 94, 8.4.2011, p. 19)

Amended by:

		Official Journal		
		No	page	date
►**M1**	Commission Implementing Regulation (EU) 2019/221 of 6 February 2019	L 35	28	7.2.2019

▼B

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(Text with EEA relevance)

Article 1

The preparation specified in the Annex, belonging to the additive category ‘zootechnical additives’ and to the functional group ‘digestibility enhancers’, is authorised as an additive in animal nutrition subject to the conditions laid down in that Annex.

Article 2

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.

ANNEX

Identification number of the additive	Name of the holder of authorisation	Additive	Composition, chemical formula, description, analytical method	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 with a moisture content of 12 %			
Category of zootechnical additives. Functional group: digestibility enhancers									
4a15	►**M1** Danisco (UK) Ltd, trading as Danisco Animal Nutrition and represented by Genencor International B.V. ◄	Endo-1,4-beta-xylanase EC 3.2.1.8 Endo-1,3(4)-beta-glucanase EC 3.2.1.6	*Additive composition* Preparation (solid and liquid form) of endo-1,4-beta-xylanase produced by *Trichoderma reesei* (ATCC PTA 5588) and endo-1,3(4)-beta-glucanase produced by *Trichoderma reesei* (ATCC SD 2106) having respectively a minimum activity of 12 200 U ([1])/g and 1 520 U ([2])/g *Characterisation of the active substance* Endo-1,4-beta-xylanase produced by *Trichoderma reesei* (ATCC PTA 5588) and endo-1,3(4)-beta-glucanase produced by *Trichoderma reesei* (ATCC SD 2106) *Analytical methods* ([3]) Characterisation of the active substance in the additive, premixtures and feedingstuffs: — colorimetric method measuring water soluble dye released by action of endo-1,4-β-xylanase from azurine cross-linked wheat arabinoxylan substrates, — colorimetric method measuring water soluble dye released by action of endo-1,3(4)-β-glucanase from azurine cross-linked barley β-glucan substrates.	Turkeys for fattening and reared for breeding Laying hens	—	endo-1,4-beta-xylanase 1 220 U endo-1,3(4)-beta-glucanase 152 U	—	1. In the directions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting. 2. For use in feed rich in non-starch polysaccharides (mainly beta-glucans and arabinoxylans), e.g. containing more than 30 % wheat, barley, rye and/or triticale. 3. For safety reasons: breathing protection, glasses and gloves shall be used during handling. 4. For piglets (weaned) up to 35 kg.	28 April 2021
				Other poultry Piglets (weaned) Pigs for fattening		endo-1,4-beta-xylanase 610 U endo-1,3(4)-beta-glucanase 76 U			

([1]) 1 U is the amount of enzyme which releases 0,48 μmol of reducing sugar (xylose equivalent) per minute from wheat arabino xylan at pH 4,2 and 50 °C.
([2]) 1 U is the amount of enzyme which releases 2,4 μmol of reducing sugar (glucose equivalent) per minute from glucan of barley at pH 5,0 and 50 °C.
([3]) Details of the analytical methods are available at the following address of the European Union Reference Laboratory for Feed Additives: www.irmm.jrc.be/crl-feed-additives