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									
4a8	Roal Oy	Endo-1,4-beta-xylanase EC 3.2.1.8	*Additive composition* Preparation of endo-1,4-beta-xylanase produced by *Trichoderma reesei* (CBS 114044) *Characterisation of the active substance* Endo-1,4-beta-xylanase *Analytical method*[b] For the determination of endo-1,4-beta-xylanase activity:	Laying hens and laying birds of minor poultry species	—	8 000 BXU	—	1.	24 November 2021
						24 000 BXU			
				Pigs for fattening	solid form: 4×10^6 BXU[a] / g liquid form: 4×10^5 BXU/ g	24 000 BXU		2.	

a 1 BXU is the amount of enzyme which liberates 1 nmol reducing sugars as xylose from birch xylan per second at pH 5,3 and 50 °C.

b Details of the analytical methods are available at the following address of the Reference Laboratory: http://irmm.jrc.ec.europa.eu/EURLs/EURL_feed_additives/Pages/index.aspx

Conditions for use of the additive and premixture, indicate the storage temperature, storage life, and stability to pelleting. For safety: breathing protection, glasses and gloves shall be used during handling.

				active substance endo-1,4-beta-xylanase produced by *Trichoderma reesei* (CBS 114044) *Analytical method*[b] In the additive and the premixture: reducing sugar assay for endo-1,4-beta-xylanase by colorimetric reaction of dinitrosalicylic acid reagent on reducing sugar yield at pH 5,3 and 50 °C In the feedingstuffs: colorimetric method measuring water				

a 1 BXU is the amount of enzyme which liberates 1 nmol reducing sugars as xylose from birch xylan per second at pH 5,3 and 50 °C.

b Details of the analytical methods are available at the following address of the Reference Laboratory: http://irmm.jrc.ec.europa.eu/EURLs/EURL_feed_additives/Pages/index.aspx

				soluble dye released by the enzyme from azurine crosslinked wheat arabinoxylan substrate					

a	1 BXU is the amount of enzyme which liberates 1 nmol reducing sugars as xylose from birch xylan per second at pH 5,3 and 50 °C.
b	Details of the analytical methods are available at the following address of the Reference Laboratory: http://irmm.jrc.ec.europa.eu/EURLs/EURL_feed_additives/Pages/index.aspx