ANNEX

Identification number of the additive	Name of the holder of authorisation	Name of the 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 feed with a moisture content of 12%			
Category of zootechnical additives. Functional group: digestibility enhancers.									
4a22	Adisseo France S.A.S.	Endo-1,4-beta-xylanase (EC 3.2.1.8) and Endo-1,3(4)-beta-glucanase (EC 3.2.1.6)	***Additive composition*** Preparation of endo-1,4-beta-xylanase (EC 3.2.1.8) and endo-1,3(4)-beta-glucanase (EC 3.2.1.6) produced with *Talaromyces versatilis* IMI 378536 and *Talaromyces versatilis* DSM 26702 having a minimum activity of: — solid form: endo-1,4-beta-xylanase 22 000 VU/g and endo-1,3(4)-beta-glucanase 15 200 VU[(1)]/g; — liquid form: endo-1,4-beta-xylanase activity of 5 500 VU/ml and endo-1,3(4)-beta-glucanase 3 800 VU/ml. ***Characterisation of the active substance*** Endo-1,4-beta-xylanase (EC 3.2.1.8) and endo-1,3 (4)-beta-glucanase (EC 3.2.1.6) produced with *Talaromyces versatilis* IMI 378536 and *Talaromyces versatilis* DSM 26702. ***Analytical method (²)***	Poultry	-	Endo-1,4-beta-xylanase 1 100 VU Endo-1,3(4)-beta-glucanase 760 VU	-	1. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 2. For users of the additive and premixtures, feed business operators shall establish operational procedures and organisational measures to address potential risks resulting from its use. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment, including breathing and skin protections.	*[10 years from the date of entry into force of this Regulation. To be completed by the Service responsible for the publication]*

(1) 1 VU (viscosimetric unit) of the xylanase or glucanase activity is the amount of the enzyme which hydrolyses the substrate (wheat arabinoxylan or barley betaglucan, respectively), reducing the viscosity of the solution, to give a change in relative fluidity of 1 (dimensionless unit)/min at 30 °C and pH 5,5.

			For the determination of endo- 1,4-beta-xylanase activity: — viscosimetric method based on decrease in viscosity produced by action of endo-1,4- beta-xylanase on the xylan containing substrate (wheat arabinoxylan). For the determination of endo- 1,3(4)-beta-glucanase activity: — viscosimetric method based on decrease in viscosity produced by action of endo-1,3 (4)-beta-glucanase on the glucan containing substrate (barley beta-glucan).						

([2]) Details of the analytical methods are available at the following address of the Reference Laboratory: https://joint-research-centre.ec.europa.eu/eurl-fa-eurl-feed-additives/eurl-fa-authorisation/eurl-fa-evaluation-reports_en