

ANNEX

Identifi- cation 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	Maxi- mum age	Mini- mum content	Maxi- mum content	Other provisions	End of period of authoris- ation
						Units of activity/kg of complete feed with a moisture content of 12 %			
<b>Category: zootechnical additives. Functional group: digestibility enhancers.</b>									
4a1606i	Puratos NV	Endo-1,4-beta-xylanase (EC 3.2.1.8)	<p><b>Additive composition</b> Preparation of endo-1,4-beta-xylanase (EC 3.2.1.8) produced with <i>Bacillus subtilis</i> LMG S-15136 having a minimum activity of: 400 IU (¹)/g. Solid form and Liquid form</p> <p><b>Characterisation of the active substance</b> Endo-1,4-beta-xylanase (EC 3.2.1.8) produced with <i>Bacillus subtilis</i> LMG S-15136</p> <p><b>Analytical method (²)</b> For the quantification of xylanase activity in the feed additive: — colorimetric method measuring reducing sugars released by action of xylanase on birchwood xylan substrate in the presence of 3,5-dinitrosalicylic acid (DNS). For the quantification of xylanase activity in premixtures, compound feed:</p>	Gestating sows	-	10 IU	-	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 the potential risks resulting from their use. Where those risks cannot be eliminated by such procedures and measures, the additive and premixtures shall be used with personal breathing, skin and eye protective equipment.	[10 years from the date of entry into force of this Regulation. To be completed by the Service responsible for the publication]

(¹) 1 IU is defined as the amount of enzyme which liberates one micromole of reducing sugars (xylose equivalents) from birchwood xylan per minute at pH 4.5 and 30°C.

(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](https://joint-research-centre.ec.europa.eu/eurl-fa-eurl-feed-additives/eurl-fa-authorisation/eurl-fa-evaluation-reports_en)

			— colorimetric method measuring water soluble dye released by action of xylanase from azurine cross-linked wheat arabinoxylan substrates.						
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