

EN
ANNEX

Identifi- cation 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 authori- sation
						Units of activity/kg of complete feed with a moisture content of 12%			
Category: zootechnical additives. Functional group: digestibility enhancers.									
4a1606i	Beldem, division of Puratos NV	Endo-1,4-beta- xylanase (EC 3.2.1.8)	Additive composition: Preparation of endo-1,4-beta-xylanase (EC 3.2.1.8) produced by <i>Bacillus subtilis</i> LMG-S 15136 having a minimum activity of 400 IU ¹ /g. Solid and liquid form. ----- Characterisation of the active substance: Endo-1,4-beta-xylanase (EC 3.2.1.8) produced by <i>Bacillus subtilis</i> LMG-S 15136. ----- Analytical method² 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 and feed materials: - colorimetric method measuring water soluble dye released by action of xylanase from azurine cross-linked wheat arabinoxylan substrates.	Lactating sows	-	10 IU	-	1. In the directions for use of the additive and premixture, indicate the storage conditions and stability to pelleting. 2. For users of the additive and premixtures, feed business operators shall establish operational procedures and organisational measures to address potential risks by inhalation, dermal contact or eyes contact. 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 protection, safety glasses and gloves.	[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 corresponds to the amount of enzyme which liberates one micromole of reducing sugars (xylose equivalents) from beechwood 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://ec.europa.eu/jrc/en/eurl/feed-additives/evaluation-reports>

