

## 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	Mini-mum content	Maxi-mum 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.									
4a35	BioResource International, Inc. represented in the Union by Pen & Tec consulting S.L.U.	Endo-1,4-beta-xylanase (EC 3.2.1.8)	<p><b>Additive composition</b></p> <p>Preparation of endo-1,4-beta-xylanase (EC 3.2.1.8) produced by <i>Komagataella phaffii</i> DSM 33574)with a minimum activity of: 150 000 XU <sup>1</sup>/g</p> <p>Solid form</p> <p><b>Characterisation of the active substance</b></p> <p>Endo-1,4-beta-xylanase (EC 3.2.1.8) produced by <i>Komagataella phaffii</i> (DSM 33574)</p> <p><b>Analytical method<sup>2</sup></b></p> <p>For the determination of endo-1,4-beta-xylanase</p>	<p>All poultry species for fattening</p> <p>All poultry species reared for laying or reared for breeding purposes</p>	-	10000 XU	-	<p>1. The additive shall not be used in premixtures.</p> <p>2. In the directions for use of the additive, the storage conditions and stability to heat treatment shall be indicated.</p> <p>3. For users of the additive, feed business operators shall establish operational procedures and organisational measures to address potential risks resulting from their use. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive shall be used with personal protective equipment, including breathing, skin and eyes protection.</p>	<p>[10 years from the date of entry into force of this Regulation. To be completed by the Service responsible for the publication]</p>

<sup>1</sup> One XU unit is the amount of enzyme which releases 1 nano-mol of reducing sugar (xylose equivalent) per second from xylan of beechwood at 50 °C and pH 6.0.

<sup>2</sup> 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)

			<p>activity in the feed additive: colorimetric (DNS) method based on the enzymatic hydrolysis of the beechwood xylan substrate.</p> <p>For the determination of endo-1,4-beta-xylanase activity in feed materials, premixtures compound feed: colorimetric method based on the enzymatic reaction of endo-1,4-beta-xylanase on the XylX6 substrate.</p>							
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