

EN  
**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 feed with a moisture content of 12%			
Category of zootechnical additives. Functional group: digestibility enhancers.									
4a13	DSM Nutritional Products Ltd., represented in the Union by DSM Nutritional Products Sp. z.o.o.	Serine protease (EC 3.4.21.-)	<b>Additive composition:</b> Solid and liquid preparation of serine protease (EC 3.4.21.-) produced by <i>Bacillus licheniformis</i> DSM 19670 having a minimum activity of 75 000 PROT <sup>1</sup> /g ----- <b>Characterisation of the active substance:</b> Serine protease (EC 3.4.21.-) produced by <i>Bacillus licheniformis</i> DSM 19670 ----- <b>Analytical method<sup>2</sup></b> For the quantification of the serine protease activity in the feed additive, premixtures, compound feed and feed materials: - colourimetric method based on the enzymatic reaction of serine protease on the Suc-Ala-Ala-Pro-Phe-pNA substrate.	Chickens for fattening	-	15 000 PROT		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 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]

<sup>1</sup> One PROT is the amount of enzyme that releases 1 µmol of p-nitroaniline from 1mM substrate (Suc-Ala-Ala-Pro-Phe-pNA) per minute at pH 9.0 and temperature 37 °C.  
<sup>2</sup> 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>