

EN  
ANNEX

Identification number of the additive	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
					mg/kg of complete feed with 12 % moisture content			
<b>Category: nutritional additives. Functional group: amino acids, their salts and analogues</b>								
3c373	L-valine	<p><b>Additive composition</b> L-valine with a minimum content of 98 % (on a dry matter basis) and a maximum content of 0.5 % water. Solid form</p> <p><b>Characterisation of the active substance</b> L-valine ((2S)-2-amino-3-methylbutanoic acid) produced by <i>Corynebacterium glutamicum</i> CGMCC 18932 Chemical formula: C<sub>5</sub>H<sub>11</sub>NO<sub>2</sub> CAS number: 72-18-4</p> <p><b>Analytical method<sup>1</sup></b> For the identification of L-valine in the feed additive: — Food Chemical Codex ‘L-valine monograph’</p>	All animal species	-	-	-	<p>1. In the directions for use of the additive and premixtures, the storage conditions, the stability to heat treatment and in water shall be indicated.</p> <p>2. The additive may be used via water for drinking.</p> <p>3. Declaration to be made on the label of the additive and premixtures:  ‘The supplementation with L-valine, in particular via water for drinking, shall take into account all essential and conditionally essential amino acids in order to avoid imbalances.’</p>	[10 years from the date of entry into force of this Regulation. To be completed by the OP]

<sup>1</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)

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		<p>For the quantification of valine in the feed additive: — ion exchange chromatography coupled with post-column derivatisation and optical detection (IEC-VIS)</p> <p>For the quantification of valine in premixtures and compound feed: — ion exchange chromatography coupled with post-column derivatisation and optical detection (IEC-VIS) – Commission Regulation (EC) No 152/2009 (Annex III, F)</p> <p>For the quantification of valine in water: — ion exchange chromatography coupled with post-column derivatisation and optical detection (IEC-VIS or IEC-VIS/FLD)</p>					4. For users of the additive and premixtures, feed business operators shall establish operational procedures and organisational measures to address 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 skin, eye and breathing protective equipment.	