

**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
						mg/kg of complete feed with a moisture content of 12%			
Category of nutritional additives. Functional group: amino acids, their salts and analogues.									
3c371	-	L-valine	<p><b>Additive composition:</b> Powder with a minimum content of L-valine of 98% (on a dry matter basis) and a maximum content of 1,5 % water</p> <p>-----</p> <p><b>Characterisation of the active substance :</b> L-valine ((2S)-2-amino-3-methylbutanoic acid) produced by <i>Corynebacterium glutamicum</i> KCCM 11201P Chemical formula: C<sub>5</sub>H<sub>11</sub>NO<sub>2</sub> CAS number: 72-18-4</p> <p>-----</p> <p><b>Analytical method<sup>1</sup>:</b> For the identification of <i>L-valine</i> in the <i>feed additive</i>: - Food Chemical Codex "L-valine monograph"</p> <p>For the quantification of <i>valine</i> in the <i>feed additive</i>: - ion exchange chromatography coupled with post-column derivatisation and photometric detection (IEC-VIS)</p> <p>For the quantification of valine in premixtures, feed materials and compound feed: - ion exchange chromatography coupled</p>	All species	-			<ol style="list-style-type: none"><li>1. L-valine may be placed on the market and used as an additive consisting of a preparation.</li><li>2. The additive can be also used via water for drinking.</li><li>3. In the directions for use of the additive and premixture, the storage conditions, the stability to heat treatment and the stability in water for drinking shall be indicated.</li><li>4. Declaration to be made on the label of the additive and premixture: ‘The supplementation with L-valine, in</li></ol>	<i>[10 years from the date of entry into force of this Regulation. To be completed by the Service responsible for the publication]</i>

<sup>1</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>

			<p>with post-column derivatisation and photometric detection (IEC-VIS) – Commission Regulation (EC) No 152/2009 (Annex III, F)</p> <p>For the quantification of valine in water:</p> <ul style="list-style-type: none"> <li>- ion exchange chromatography coupled with post-column derivatisation and optical detection (IEC-VIS/FD)</li> </ul>					<p>particular via water for drinking, should take into account all essential and conditional essential amino acids in order to avoid imbalances.’</p>	
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