

ANNEX

Identi- fication number of the feed additive	Name of the additive	Composition, chemical formula, description, analytical method	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisa- tion
					mg/kg of complete feed with 12 % moisture content			
Category: nutritional additives. Functional group: amino acids, their salts and analogues								
3c374i	L-valine	<p>Additive composition</p> <p>L-valine with a minimum content of 98 % (on a dry matter basis).</p> <p>Solid form.</p> <p>Characterisation of the active substance</p> <p>L-valine produced with <i>Corynebacterium glutamicum</i> KCCM 80365</p> <p>IUPAC name: ((2S)-2-amino-3-methylbutanoic acid)</p> <p>Chemical formula: C₅H₁₁NO₂</p> <p>CAS number: 72-18-4</p> <p>Analytical method¹</p> <p>For the identification of L-valine in the feed additive:</p> <p>- 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 the stability in water for drinking shall be indicated.</p> <p>2. The additive may be used via water for drinking.</p> <p>3. Feed business operators shall ensure that L-valine is rumen protected, when fed to ruminants.</p> <p>4. The moisture content shall be indicated on the label of the additive.</p> <p>5. The label of the additive and premixtures shall indicate the following: ‘The supplementation with L-valine, in particular via water for drinking, shall take into account all essential and conditionally essential amino</p>	[10 years from the date of entry into force of this Regulation. To be completed by the OP]

¹ 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.

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Category: nutritional additives. Functional group: amino acids, their salts and analogues								
		<p>For the determination of valine in the feed additive:</p> <p>- Ion-exchange chromatography coupled with post-column derivatisation and optical detection (IEC-VIS)</p> <p>For the determination of valine in premixtures and compound feed:</p> <p>- Ion-exchange chromatography coupled with post-column derivatisation and optical detection (IEC-VIS), Commission Regulation (EC) No 152/2009</p> <p>For the determination of valine in water:</p> <p>- Ion-exchange chromatography coupled with post-column derivatisation and optical detection (IEC-VIS or IEC-VIS/FLD)</p>					acids in order to avoid imbalances.'	