

ANNEX

Identi- fication number of the additive	Name of the additive	Composition, chemical formula, description, analytical method	Species or category of animal	Maxi mum 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: vitamins, pro-vitamins and chemically well-defined substances having similar effect								
3a828	‘Riboflavin’ or ‘Vitamin B ₂ ’	Additive composition Preparation containing a minimum of 80 % of riboflavin and a maximum of 3 % of water Solid form Ethylene oxide (sum of ethylene and 2- chloroethanol expressed as ethylene oxide) ≤ 0,1 mg/kg Propylene oxide ≤ 0,1 mg/kg Characterisation of active substance Riboflavin produced by fermentation with <i>Saccharomyces cerevisiae</i> ATCC SD-8628	All animal species	-	-	-	1. In the directions for use of the additive and premixtures the storage conditions, stability to heat treatment and stability in water for drinking shall be indicated. 2. The additive may be used via water for drinking. 3. For users of the additive and premixtures, feed business operators shall establish operational procedures and organisational measures to address the potential risks resulting from their use. Where those risks cannot be eliminated	[10 years from the date of entry into force of this Regulation. To be completed by the OP]

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					mg/kg of complete feed with 12 % moisture content			
Category: nutritional additives. Functional group: vitamins, pro-vitamins and chemically well-defined substances having similar effect								
		Chemical formula: C₁₇H₂₀N₄O₆ CAS number: 83-88-5 Purity: minimum 95% Analytical method¹ For the determination of riboflavin in the feed additive and premixtures: - High Performance Liquid Chromatography with UV detection, HPLC-UV (VDLUFA Bd. III, 13.9.1) For the determination of riboflavin (as total vitamin B₂) in compound feed and water for drinking: - High Performance Liquid Chromatography with Fluorescence detection, HPLC-FLD					by such procedures and measures, the additive and premixtures shall be used with personal breathing, eye and skin protective equipment.	

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.