

ANNEX

Identi- fication number of the feed 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 authorisa- tion
						mg additive/kg of complete feedingstuff with a moisture content of 12 %			
Category: zootechnical additives. Functional group: other zootechnical additives (improvement of performance parameters)									
4d30	Zinpro Animal Nutrition Europe, Inc	Chromium chelate of DL- methionine	Additive composition Preparation of: - Chromium chelate of DL- methionine: 1,8 to 2,2% (≥ 1000 mg Cr(III)/kg additive) - Iron coloured microtracer coated with tartrazine and shellac: 270 particles /g additive Impurities: - Nickel $\leq 1,33$ mg/kg additive Solid form. Characterisation of the active substance Chromium chelate of DL-methionine: - $[\text{CH}_3\text{S}(\text{CH}_2)_2\text{CH}(\text{NH}_2)\text{COO}]_3\text{Cr(III)}$ - chromium-DL-2-amino-4- (methylthio)butanoic acid Analytical method ⁽¹⁾ - For the determination of total chromium in the feed additive: Inductively coupled plasma coupled with mass spectrometry (ICP-MS) - For the determination of methionine in the feed additive: Ion-exchange chromatography coupled with post- column derivatisation and optical detection (IEC-VIS)	Salmonids	-	200	600	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 resulting from their use. Where those risks cannot be eliminated by such procedures and measures, the additive and premixtures shall be used with personal breathing and skin protective equipment.	[10 years from the date of entry into force of this Regulation. To be completed by the Service responsible for the publica- tion]

			<ul style="list-style-type: none"> - For proving the chelated structure of the feed additive: Mid-infrared (IR) spectrometry together with the determination of total chromium and methionine in the feed additive - For the determination of inclusion rate of the microtracer into the feed additive preparation: Enumeration of colour coated particles of the microtracer - For the determination of total chromium in premixtures: Inductively coupled plasma coupled to atomic emission spectrometry (ICP-AES) - For the determination of added chromium / chromium chelate of DL-methionine in premixtures and compound feed: Enumeration of colour coated particles of the microtracer present at fixed mass ratio in the feed additive preparation 						
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(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