

EN

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	Maximu m content	Other provisions	End of period of authorisa- tion
					mg of active substance/kg of complete feed with a moisture content of 12%			
Category: Sensory additives. Functional group: Flavouring compounds								
2b959	Neohesperidine dihydrochalcone	Additive composition Neohesperidine dihydrochalcone Solid form Ethanol ≤ 5 000 mg/kg Characterisation of the active substance Neohesperidine dihydrochalcone C ₂₈ H ₃₆ O ₁₅ CAS No: 20702-77-6 Purity: minimum 96 % (dried basis) Produced by chemical synthesis. - by catalytic hydrogenation of the flavanone glycoside neohesperidine extracted from the immature fruit of bitter orange (<i>Citrus aurantium</i>) - by the conversion of naringin and further condensation with isovanillin. Naringin may be extracted from grapefruit (<i>Citrus paradisi</i>) or from pomelo (<i>Citrus maxima</i>)	Piglets	-	-	35	1. The directions for use of the additive and premixtures shall indicate the storage conditions and the stability to heat treatment. 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 protective equipment.	[10 years from the date of entry into force of this Regulation. To be completed by the OP]
			Pigs for fattening	-	-	35		
			Calves	-	-	35		
			Sheep	-	-	35		
			Food producing finfish	-	-	35		
			Ornamental finfish	-	-	35		
			Dogs	-	-	35		

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					mg of active substance/kg of complete feed with a moisture content of 12%			
Category: Sensory additives. Functional group: Flavouring compounds								
		Analytical method¹ For the determination of neohesperidine dihydrochalcone in the feed additive: - High-Performance Liquid Chromatography coupled with optical detection (HPLC-UV) - European Pharmacopoeia monograph 1547. For the determination of neohesperidine dihydrochalcone in premixtures and compound feed: - High-Performance Liquid Chromatography coupled with optical detection (HPLC-DAD) .						

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.