

EN

ANNEX

Identification number of the 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 authorisation
					mg active substance/kg of complete feed with a moisture content of 12%			
Category: Sensory additives. Functional group: Flavouring compounds								
2b285-eo	Spearmint essential oil	<p>Additive composition</p> <p>Essential oil from aerial parts of <i>Mentha spicata</i> L.</p> <p>Liquid form</p> <p>Characterisation of the active substance</p> <p>Spearmint essential oil:</p> <p>Essential oil, as defined by the Council of Europe¹, obtained from fresh or dried aerial parts of <i>Mentha spicata</i> L.at flowering by steam distillation and further condensation of volatile constituents and separation from the</p>	All animal species	-	-	10	<p>1. The additive shall be incorporated into the feed in the form of a premixture.</p> <p>2. In the directions for use of the additive and premixtures, the storage conditions and the stability to heat treatment shall be indicated.</p> <p>3. Simultaneous use of spearmint essential oil with other feed additives is permitted provided that the</p>	[10 years from the date of entry into force of this Regulation. To be completed by the OP]

¹ Natural sources of flavourings - Report No. 2 (2007).

		<p>aqueous phase by decantation. It may also be subject to rectification (fractional distillation) and fractions obtained mixed with the essential oil to reach the specified profile.</p> <p>EC numbers: 616-927-4/ 283-656-2² CAS number: 8008-79-5 FEMA number: 3032 CoE number: 285</p> <p><u>Specifications</u> <i>l</i>-Carvone: 55-87 % <i>d</i>-Limonene: 2-25 % <i>cis</i>-Dihydrocarvone: < 5,5 % β-Bourbonene: < 2 %</p> <p>Analytical method³ For the determination of carvone (phytochemical marker) in the feed additive:</p> <ul style="list-style-type: none"> - Gas chromatography coupled with flame ionisation detection (GC-FID) (ISO 3033-1 and ISO 3033-3) 					<p>combined content of <i>l</i>-Carvone in feed materials and compound feed remains below the level that would result from using the authorised feed additive with the highest content of that substance at its maximum or recommended maximum content for the relevant animal species or category.</p> <p>4. 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 skin, eye and breathing protective equipment.</p>	
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² Here it only refers to spearmint essential oil from aerial parts of *Mentha spicata* L.

³ 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.