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ANNEX

Identi- fication number of the additive	Name of the additive	Composition, chemical formula, description, analytical method	Species or category of animal	Maxim um age	Minimu m content	Maximu m content	Other provisions	End of period of authorisation
					mg of additive/kg of complete feed with a moisture content of 12%			
Category: Sensory additives. Functional group: Flavouring compounds								
2b406-t	Rosemary tincture	Additive composition Tincture from dried leaves of <i>Salvia rosmarinus</i> Spenn. (homotypic syn. <i>Rosmarinus officinalis</i> L.) Liquid form Characterisation of active substance	Chickens for fattening	-	-	500	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and the stability to heat treatment shall be indicated.	[to be completed by the OP: insert precise date 10 years from the date of entry into force of this Regulation]
			Laying hens	-	-	500		
			Horses	-	-	500		
			Dogs	-	-	500		

		<p>Rosemary tincture:</p> <p>Tincture, as defined by the Council of Europe (CoE)¹, obtained from the dried leaves of <i>Salvia rosmarinus</i> Spenn. by extraction with a water/ethanol solvent mixture, maceration, pressing and filtration.</p> <p>EC number: 283-291-9² CAS number: 84604-14-8² CoE number: 406</p> <p><u>Specifications</u></p> <p>Dry matter: 4 - 6 % 1,8-cineole (eucalyptol): 0,01-0,1% Camphor: 0,005 - 0,05 % Phenolic diterpenes (carnosic acid derivates): maximum 0,10%</p> <p>Analytical method³</p> <p>For the determination of the phytochemical markers (1,8-cineole and camphor) in the feed additive:</p> <ul style="list-style-type: none"> - Gas chromatography coupled with flame ionisation detection (GC-FID) 					<p>3. 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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¹ Natural sources of flavourings - Report No. 2 (2007).

² Here it refers only to tincture from dried leaves of *Salvia rosmarinus* Spenn. (homotypic syn. *Rosmarinus officinalis* 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.

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					mg of additive/kg of complete feed with a moisture content of 12%			
Category: Sensory additives. Functional group: Flavouring compounds								
2b406i-t	Rosemary tincture	<p>Additive composition</p> <p>Tincture from dried leaves of <i>Salvia rosmarinus</i> Spenn. (homotypic syn. <i>Rosmarinus officinalis</i> L.)</p> <p>Liquid form</p> <p>Characterisation of active substance</p> <p>Rosemary tincture:</p> <p>Tincture, as defined by the Council of Europe (CoE)⁴, obtained from the dried leaves of <i>Salvia rosmarinus</i> Spenn. by extended extraction with a water/ethanol solvent mixture, pressing and filtration.</p> <p>EC number: 283-291-9⁵ CAS number: 84604-14-8⁴ CoE number: 406</p>	All animal species	-	-	500	<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. 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>	[to be completed by the OP: insert precise date 10 years from the date of entry into force of this Regulation]

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⁵ Here it refers only to tincture from dried leaves of *Salvia rosmarinus* Spenn. (homotypic syn. *Rosmarinus officinalis* L.)

		<p>Specifications</p> <p>Dry matter: 1,2 - 1,4 %</p> <p>Total polyphenols⁶: maximum 0,2 %</p> <p>1,8-cineole (eucalyptol): maximum 0,0005%</p> <p>Camphor: maximum 0,0001 %</p> <p>Rosmarinic acid: maximum 0,018%</p> <p>Phenolic diterpenes (carnosic acid derivatives): maximum 0,08%</p> <p>Analytical method⁽⁷⁾</p> <p>For the characterisation of the feed additive:</p> <ul style="list-style-type: none"> - Spectrophotometry for the determination of total polyphenols (phytochemical marker) - Gas chromatography coupled with flame ionisation detection (GC-FID) for the determination of 1,8-cineole and camphor (phytochemical marker) - High performance liquid chromatography with spectrophotometric detection (HPLC-UV) for the determination of rosmarinic acid (phytochemical marker) 					
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⁶ Expressed as gallic acid equivalents (GAE).

⁷ 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.