

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								
2b201-eo	Bitter fennel essential oil	Additive composition Essential oil from the fruit and stems of <i>Foeniculum vulgare</i> Mill ssp. <i>vulgare</i> var. <i>vulgare</i> Liquid form Characterisation of the active substance Bitter fennel essential oil: Essential oil, as defined by the Council of Europe ¹ , obtained from fruits and stems of <i>Foeniculum vulgare</i> Mill. ssp. <i>vulgare</i> var. <i>vulgare</i> by steam distillation and further condensation of volatile constituents and	Turkeys for fattening	-	-	24,3	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. 3. Simultaneous use of bitter fennel essential oil with other feed additives is permitted provided that the combined content of	[10 years from the date of entry into force of this Regulation. To be completed by the OP]
			Chickens for fattening and minor poultry for fattening	-	-	18,2		
			All poultry reared for laying or breeding	-	-	0,6		
			Ornamental birds	-	-	0,6		
			All poultry for laying or breeding	-	-	0,6		

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

		separation from the aqueous phase by decantation. CAS number: 8006-84-6 EINECS: 283-414-6 ² FEMA number: 2483 CoE number:201 <u>Specifications</u> trans-Anethole (1-methoxy-4-(prop-1(trans)-enyl)benzene): 15-30% Limonene: 8-30 % Fenchone: 7-16% α-Phellandrene: 6,5-25% Estragole: maximum 6,1 % Myrcene: 1-12% Analytical method³ For the determination of trans-anethole and fenchone (phytochemical markers) in the feed additive: gas chromatography coupled to flame ionisation detection (GC-FID)	Pigs for fattening	-	-	25,0	<i>p</i>-allylalkoxybenzenes (methyleugenol, estragole, elemicin, safrole, myristicin, dillapiol, and apiole) in feed materials and compound feed remains below the content that would result from using the authorised feed additive with the highest content of those substances at its maximum or recommended maximum content for the relevant animal species or category. 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,	
			Pigs for fattening of minor <i>Suidae</i>	-	-	25,0		
			Piglets (suckling and weaned) of all <i>Suidae</i>	-	-	0,6		
			All <i>Suidae</i> for reproduction	-	-	1,0		
			Calves for fattening	6 months	-	25,0		
			Sheep and goats for fattening	-	-	25,0		
			Other sheep and goats	-	-	1,5		
			Cattle for fattening; other ruminants for fattening except sheep, goats and calves for fattening up to 6 months; <i>Camelidae</i> for fattening	-	-	25,0		
			All other ruminants;	-	-	1,0		

² Here it only refers to the essential oil from the fruit and stems of *Foeniculum vulgare* Mill ssp. *vulgare* var. *vulgare*.

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.

			all other <i>Camelidae</i>				the additive and premixtures shall be used with personal skin, eye and breathing protective equipment.	
			<i>Equidae</i>	-	-	1,5		
			<i>Leporidae</i> for fattening	-	-	25,0		
			Other <i>Leporidae</i>	-	-	0,6		
			Salmonids and minor fin fish	-	-	25,0		
			Dogs	-	-	1,9		
			Cats	-	-	1,5		
			Ornamental fish	-	-	7,1		
			Other species and categories	-	-	0,6		

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								
2b200-eo	Sweet fennel essential oil	Additive composition	Dogs	-	-	2,3	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. 3. Simultaneous use of sweet fennel essential oil with other feed additives is permitted provided that the combined content of p-allylalkoxybenzenes (methyleugenol, estragole, elemicin, safrole, myristicin, dillapiole, and apiole) in	[10 years from the date of entry into force of this Regulation. To be completed by the OP]
		Essential oil from the fruits of <i>Foeniculum vulgare</i> Mill. ssp. <i>vulgare</i> var. <i>dulce</i> (Mill.) Batt. & Trab. Liquid form Characterisation of the active substance Sweet fennel essential oil Essential oil, as defined by the Council of Europe ⁴ , obtained from the fruits of <i>Foeniculum vulgare</i> ssp. <i>vulgare</i> var. <i>dulce</i> (Mill.) Batt. & Trab by steam distillation and further condensation of volatile constituents and separation from the aqueous phase by decantation. CAS number: 84455-29-8 ⁵ EINECS: 282-892-3 ⁵ FEMA number: 2483 CoE number :200	Cats	-	-	1,9		

⁴ Natural sources of flavourings - Report No. 2 (2007).

⁵ Here it only refers to the essential oil from the fruits of *Foeniculum vulgare* Mill. ssp. *vulgare* var. *dulce* (Mill.) Batt. & Trab..

		<u>Specifications</u> trans-Anethole (1-methoxy-4-(prop-1(trans)-enyl)benzene): 60-82% Fenchone: 1-20% Limonene: 1-8 % Estragole: maximum 5% α-Pinene: 1-8% α-Phellandrene: 0,2-5% Analytical method⁶ For the determination of trans-anethole and fenchone (phytochemical markers) in the feed additive: gas chromatography coupled to flame ionisation detection (GC-FID)					feed materials and compound feed remains below the content that would result from using the authorised feed additive with the highest content of those substances at its maximum or recommended maximum content for the relevant animal species or category. 4. 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 by such procedures and measures, the additive and premixtures shall be used with personal breathing eye and skin protective equipment.	
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⁶ 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.