

## 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								
2b238-eo	Star anise essential oil	<b>Additive composition</b>	Turkeys for fattening	-	-	24,8	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. The additive shall not be used in combination with	[10 years from the date of entry into force of this Regulation. To be completed by the OP.]
		Essential oil from the dry fruit of <i>Illicium verum</i> Hook.f.	Chickens for fattening and minor poultry for fattening	-	-	18,5		
		Liquid form	All poultry reared for laying or breeding	-	-	0,6		
		<b>Characterisation of the active substance</b>	Ornamental birds	-	-	0,6		
		Star anise essential oil:						
		Essential oil, as defined the Council of Europe <sup>1</sup> , obtained from the dry fruit (without or with the presence of plant leaves) of <i>Illicium verum</i> Hook.f. by steam distillation and further condensation of						

<sup>1</sup> Natural sources of flavourings - Report No. 2 (2007).

		volatile constituents and separation from the aqueous phase by decantation.  CAS numbers: 84650-59-9 <sup>2</sup> and 68952-43-2 EINECS number: 283-518-1 <sup>2</sup> FEMA number: 2096 CoE number:238  <u>Specifications</u>  trans-Anethole(1-methoxy-4-(prop-1(trans)-enyl)benzene): 85-93% Estragole: maximum 6% Limonene: 0,2-6% Linalool: 0,2-2,5% Safrole: maximum 0,01%  <b>Analytical method<sup>3</sup></b>  For the determination of trans-anethole (phytochemical marker) in the feed additive:  - Gas chromatography coupled to flame ionisation detection (GC-FID) ISO 11016.	All poultry for laying or breeding	-	-	0,6	other feed additives containing estragole.  4. Simultaneous use of star anise essential oil with other feed additives is permitted provided that the combined content of <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.	
			Pigs for fattening	-	-	40,0		
			Pigs for fattening of minor <i>Suidae</i>	-	-	33,3		
			Piglets (suckling and weaned) of all <i>Suidae</i>	-	-	0,6		
			All <i>Suidae</i> for reproduction	-	-	1,0		
			Calves for fattening	6 months	-	83,3		
			Sheep and goats for fattening	-	-	73,3		
			Other sheep and goats	-	-	1,6		

<sup>2</sup> Here it only refers to the essential oil from the dry fruit of *Illicium verum* Hook.f.

<sup>3</sup> 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](https://joint-research-centre.ec.europa.eu/eurl-fa-eurl-feed-additives/eurl-fa-authorisation/eurl-fa-evaluation-reports_en).

			Cattle for fattening; other ruminants for fattening except sheep, goats and calves for fattening up to 6 months old; <i>Camelidae</i> for fattening	-	-	73,3	5. 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.	
			All other ruminants; all other <i>Camelidae</i>	-	-	1,0		
			<i>Equidae</i>	-	-	1,6		
			Rabbits for fattening	-	-	29,3		
			Other rabbits	-	-	0,6		
			Salmonids and minor fin fish	-	-	83,8		
			Dogs	-	-	1,9		
			Cats	-	-	1,6		
			Ornamental fish	-	-	6,5		

			Other species and categories	-	-	0,6		
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