

EN

ANNEX

Identi- fication number of the feed additive	Additive	Composition, chemical formula, description, analytical method	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisa- tion
					mg of additive/kg of complete feedingstuff with a moisture content of 12%			
Category: Sensory additives. Functional group: Flavouring compounds								
2b275-eo	Tea tree essential oil	Additive composition Essential oil from leaves and terminal branchlets of <i>Melaleuca alternifolia</i> (Maiden & Betche) Cheel (synonym: <i>Melaleuca linariifolia</i> var. <i>alternifolia</i> (Maiden and Bet.)	Turkeys for fattening	-	-	1,5	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 stability to heat treatment shall be indicated. 3. Mixture of tea tree essential oil with other botanical additives is permitted provided that the amounts of methyleugenol in feed materials and compound feed is lower than the one resulting from the	[to be completed by the OP: insert precise date 10 years from the date of entry into force of this Regulation]
			Chickens for fattening and minor poultry for fattening	-	-	1,1		
		Liquid form	All poultry reared for laying or breeding	-	-	1,1		
		Characterisation of active substance Tea tree essential oil	Ornamental birds	-	-	1,1		
		Essential oil, as defined by the Council of Europe (CoE) ¹ , obtained from the leaves and terminal branchlets of	All poultry for laying and breeding	-	-	1,7		
			Pigs for fattening	-	-	2,4		

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

Melaleuca alternifolia (Maiden & Betche) Cheel by steam distillation and further condensation of volatile constituents and separation from water by decantation.

CAS number: 68647-73-4

EINECS number: 285-377-1

FEMA number: 3902

CoE number: 275

Specifications

- 4-Terpinenol: 30-48%

- γ -Terpinene: 10-28%

- α -Terpinene: 5-13%

- 1,8-Cineole (eucalyptol): < 15 %

- Methyl Eugenol: $\leq 0,01\%$

Analytical method ⁽²⁾

For the determination of 4-terpinenol (phytochemical marker) in the feed additive:

- gas chromatography coupled with flame ionization detection (GC-FID) (ISO 4730)

Pigs for fattening of minor <i>Suidae</i>	-	-	2,0
Piglets (suckling and weaned) of all <i>Suidae</i>	-	-	2,0
All <i>Suidae</i> for reproduction	-	-	3,1
Calves for fattening	6 months	-	5,0
Sheep and goats	-	-	4,4
Cattle for fattening; other ruminants for fattening except sheep, goats and calves for fattening up to 6 months; Camelidae for fattening	-	-	4,4
All other ruminants;	-	-	2,9

use of a single additive at the maximum or recommended content for the species or animal 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, the additive and premixtures shall be used with personal skin, eye and breathing protective equipment.

² 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>				
			<i>Equidae</i>	-	-	4,4	
			<i>Leporidae</i>	-	-	1,8	
			Salmonids and minor fin fish	-	-	5,0	
			Crustaceans	-	-	6,6	
			Dogs	-	-	5,3	
			Cats	-	-	0,9	
			Ornamental fish	-	-	15	
			Other species and categories	-	-	1,1	