

EN

ANNEX

Identi- fication 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 authorisa- tion
					mg of additive/kg of complete feed with a moisture content of 12%			
Category: Sensory additives. Functional group: Flavouring compounds								
2b308-t	Basil tincture	Additive composition Tincture from dried leaves of <i>Ocimum basilicum</i> L. Liquid form	Turkeys for fattening	-	-	87	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 basil tincture with other additives is permitted, provided that the contents of methyleugenol and estragole in feed	[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	-	-	65		
		Characterisation of active substance Basil tincture: Tincture, as defined by the Council of Europe (CoE) ¹ , obtained from the dried leaves of <i>Ocimum basilicum</i> L. by	All poultry reared for laying or breeding	-	-	97		
			Ornamental birds	-	-	97		
			All poultry for laying and breeding	-	-	97		

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

extended extraction with a water/ethanol solvent mixture, pressing and filtration.

EC number: 283-900-8

CAS number: 84775-71-3

CoE number: 308

Specifications

Dry matter content: 1,79 % - 1,8%

Total polyphenols²: ≤ 0,198 %

Flavonoids³: ≤ 0,0257 %

1,8-Cineole (eucalyptol): ≤ 0,0019 %

Camphor: ≤ 0,0047 %

Rosmarinic acid: ≤ 0,0110 %

Methyleugenol: ≤ 0,0006 %

Estragole: ≤ 0,00005%

Analytical method ⁽⁴⁾

For the characterisation of the feed additive:

- Spectrophotometry for the determination of total polyphenols and total flavonoids;
- Gas chromatography coupled with flame ionisation detection (GC-FID) for the determination of 1,8-cineole,

Pigs for fattening	-	-	140
Pigs for fattening of minor <i>Suidae</i>	-	-	140
Piglets (suckling and weaned) of all <i>Suidae</i>	-	-	116
All <i>Suidae</i> for reproduction	-	-	170
Calves for fattening	6 months	-	291
Sheep and goats	-	-	256
Cattle for fattening; other ruminants for fattening except sheep, goats and calves for fattening up to 6 months;	-	-	256

materials and compound feed are lower than those that would result from the use of the additive or the additives with the highest contents of methyleugenol and estragole, among all authorised feed additives, at their maximum or recommended content for the relevant 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,

² Expressed as gallic acid equivalents (GAE).

³ Expressed as hyperoside equivalents.

⁴ 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.

		camphor, estragole and methyleugenol;	Camelidae for fattening				eye and breathing protective equipment.
-	Gas chromatography coupled with mass spectrometry detection (GC-MS) for the determination of eugenol;	All other ruminants; all other <i>Camelidae</i>	-	-	166		
-	High performance liquid chromatography with spectrophotometric (UV) detection for the determination of rosmarinic acid.	<i>Equidae</i>	-	-	256		
		<i>Leporidae</i>	-	-	102		
		Salmonids and minor fin fish	-	-	292		
		Dogs	-	-	307		
		Cats	-	-	256		
		Ornamental fish	-	-	500		
		Other species and categories	-	-	65		