

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 a moisture content of 12%			
Category: Sensory additives. Functional group: Flavouring compounds								
2b296-eo	Nutmeg essential oil	Additive composition	Turkeys for fattening	-	-	3,7	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.	[10 years from the date of entry into force of this Regulation. To be completed by the OP]
		Essential oil from the seeds of <i>Myristica fragrans</i> Houtt.	Chickens for fattening and minor poultry for fattening	-	-	2,8		
		Liquid form	All poultry reared for laying or breeding	-	-	0,2		
		Characterisation of the active substance	Ornamental birds	-	-	0,2		
		Nutmeg essential oil:						
	Essential oil, as defined by the Council of Europe ¹ , obtained from the dried and crushed seeds of <i>Myristica fragrans</i> Houtt by steam distillation and further condensation of volatile constituents and							

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

		separation from the aqueous phase by decantation. CAS number: 8008-45-5 ² EINECS number: 282-013-3 ² FEMA number: 2793 CoE number: 296 <u>Specifications</u> Sabinene: 14-29% α -Pinene (pin-2(3)-ene): 15-28% β -Pinene (pin-2(10)-ene): 13-18% 4-Terpinenol: 2-6% Limonene: 2-7% γ -Terpinene: 2-6% Myristicin: maximum 12 % Safrole: maximum 2,3% Elemicin: maximum 0,4% Methyleugenol: maximum 0,33% Analytical method³ For the determination of pin-2(3)-ene (phytochemical marker) in the feed additive: gas-chromatography coupled with flame ionisation detection (GC-FID) (ISO 3215).	All poultry for laying or breeding	-	-	0,2	3. The additive shall not be used in combination with other feed additives containing myristicin, safrole, elemicin, or methyleugenol. 4. Simultaneous use of nutmeg 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 species or animal category.	
			Pigs for fattening	-	-	6,0		
			Pigs for fattening of minor <i>Suidae</i>	-	-	5,0		
			Piglets (suckling and weaned) of all <i>Suidae</i>	-	-	0,2		
			All <i>Suidae</i> for reproduction	-	-	0,3		
			Calves for fattening	6 months	-	10		
			Sheep and goats for fattening	-	-	10		
			Other sheep and goats	-	-	0,5		
			Cattle for fattening; other ruminants for fattening except sheep, goats and calves for fattening up to 6 months old; <i>Camelidae</i> for fattening	-	-	10		

² Here it only refers to the essential oil from the seeds of *Myristica fragrans* Houtt..

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 ruminants; all other <i>Camelidae</i>	-	-	0,3	5. 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.	
			<i>Equidae</i>	-	-	0,5		
			Rabbits for fattening	-	-	4,4		
			Other rabbits	-	-	0,2		
			Salmonids and minor fin fish	-	-	10		
			Dogs	-	-	0,6		
			Cats	-	-	0,5		
			Ornamental fish	-	-	2,5		
			Other species and categories	-	-	0,2		