ANNEX

Identification number of the additive	Name of the holder of authorisation	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									
2b142-eo	-	Mandarin essential oil	**Additive composition** Mandarin essential oil obtained from the expressed fruit peel of *Citrus reticulata* Blanco. Liquid form **Characterisation of the active substance**	Poultry Rabbits Salmonids	-	-	15	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 with other botanical aditives is permitted provided that the amounts of	[*to be completed by the OP: insert precise date 10 years from the date of entry into force of*
				Pigs	-	-	33		
				Ruminants	-	-	30		

			Mandarin essential oil obtained from the expressed fruit peel of *Citrus reticulata* Blanco as defined by the Council of Europe[1]. d-Limonene.: 65–80% γ-Terpinene: 13-22% α-Pinene (pin-2(3)-ene): 1-3.5 % Myrcene:1-2% β-Pinene (pin-2(10)-ene): 1-2%. Methyl N-methyl anthranilate: 0.15-0.7% Perillaldehyde: ≤ 0.063% CAS number: 8008-31-9 FEMA number: 2657 CoE number: 142 **Analytical method([2])** For the quantification of *d-limonene* (phytochemical marker) in the feed additive (mandarin oil): – Gas chromatography coupled with flame ionisation detection (GC-	Horses	-	-	40	perillalhedyde, furocoumarins, and methoxycoumarins in feed materials and compound feed are lower than the one resulting from the use of a single additive at the maximum or recommended level for the specie 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 by inhalation, dermal contact or eyes contact. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment, including skin, eye and breathing protection.	*this Regulation*]

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

[2] Details of the analytical methods are available at the following address of the Reference Laboratory: https://ec.europa.eu/jrc/en/eurl/feed-additives/evaluation-reports

			FID) (based on ISO 3528)						