ANNEX

Identification number of the feed 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 of active substance/ kg of complementary feed with a moisture content of 12 %			
Category: Sensory additives. Functional group: Colourants: (i) substances that add or restore colour in feedingstuffs								
2a102	Tartrazine	**Additive composition:** Tartrazine Solid form --- **Characterisation of the active substance as the sodium salt:** Tartrazine, described as the sodium salt, consists essentially of trisodium 5-hydroxy-1-(4-sulfonatophenyl)-4-(4-sulfonatophenylazo)-H-pyrazole- 3-carboxylate and subsidiary colouring matters together with sodium chloride and/or sodium sulphate as the principal uncoloured components. Calcium and potassium salts are also allowed with the same characterisation as sodium salt. Chemical formula: $C_{16}H_9N_4Na_3O_9S_2$ CAS number 1934-21-0	Freshwater food-producing finfish	-	-	30	1. In the directions for use of the additive and premixture, the storage conditions and stability to heat treatment shall be indicated. 2. The additive shall only be used in fishing baits. It shall not be used in aquaculture. 3. 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.	*[to be completed by the Service responsible for the publication: insert precise date]* [10 years from the date of entry into force of this Regulation]

		Produced by chemical synthesis <u>Purity criteria</u> Colouring matter calculated as the sodium salt: ≥ 85% (assay) Subsidiary colouring matter: ≤1% Organic compounds other than colouring matters ≤ 0.5%: - 4-hydrazinobenzene sulfonic acid; - 4-aminobenzene-1-sulfonic acid; - 5-oxo-1-(4-sulfophenyl)-2-pyrazoline-3-carboxylic acid; - 4,4´-diazoaminodi(benzene sulfonic acid) - Tetrahydroxysuccinic acid Unsulfonated primary aromatic amines: ≤ 0,01% Ether extractable matter ≤ 0,2% under neutral conditions ---------- **Analytical method**[1] For the quantification of total colouring matters content of tartrazine in the feed additive: - Spectrophotometry at 426 nm (FAO JECFA monographs No. 1, Vol. 4 and Commission Regulation (EU) No 231/2012). For the quantification of tartrazine in compound feed: - High performance liquid chromatography coupled to tandem mass spectrometry (LC-MS/MS)						

[1] 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.