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## ANNEX

Identi- fication 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 authorisa- tion
					mg of additive/kg of complete feed with a moisture content of 12%			
Category: technological additives. Functional group: preservatives								
1a297	Fumaric acid	<b>Additive composition</b>  Fumaric acid Solid form  <b>Characterisation of active substance</b>  Fumaric acid ≥ 99,5 % Produced by chemical synthesis. C <sub>4</sub> H <sub>4</sub> O <sub>4</sub> CAS no 110-17-8  <b>Analytical method <sup>(1)</sup></b>  For the determination of fumaric acid (as total fumaric acid) in the feed additive, premixtures and compound feed:	Poultry  Pigs other than fed with milk replacers	-	-	20 000	1. In the directions for use of the additive and premixtures, the storage conditions and the stability to heat treatment shall be indicated.  2. The simultaneous use of fumaric acid with other sources of fumaric acid is permitted, only if the amount of fumaric acid in feed materials and compound feed is lower than the one resulting from the use of the additive at the maximum or recommended content for the respective animal species or category.  3. Indicate in the instructions for use of the	[to be completed by the OP: insert precise date 10 years from the date of entry into force of this Regulation]
			Young mammals fed with milk replacers			9 312		
			All other terrestrial animal species			-		

<sup>1</sup> 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](https://joint-research-centre.ec.europa.eu/eurl-fa-eurl-feed-additives/eurl-fa-authorisation/eurl-fa-evaluation-reports_en).

		- Ion chromatography with conductivity detection (IC-CD) - EN 17294.					<p>additive, premixture and related feedingstuffs for food-producing animals: 'The simultaneous use of different organic acids or their salts is contraindicated, where one or more of them is used at or near the maximum permitted content.'</p> <p>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.</p>	
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Identi- fication 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 authorisa- tion
					mg of additive/kg of complete feed with a moisture content of 12%			
Category: Sensory additives. Functional group: flavouring compounds								
2b08025	Fumaric acid	<b>Additive composition</b>  Fumaric acid Solid form  <b>Characterisation of active substance</b>  Fumaric acid ≥ 99,5 % Produced by chemical synthesis C <sub>4</sub> H <sub>4</sub> O <sub>4</sub> CAS no 110-17-8 FLAVIS No 08.025  <b>Analytical method <sup>(2)</sup></b>  For the determination of fumaric acid in the feed additive and in feed flavouring premixtures:  Gas chromatography mass spectrometry with retention time locking GC-MS-RTL	All animal species other than aquatic animal species	-	-	-	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. 3. The simultaneous use of fumaric acid with other sources of fumaric acid is permitted, only if the amount of fumaric acid in feed materials and compound feed is lower than the one resulting from the use of the additive at the maximum or recommended content for the respective animal species or category. 4. On the label of the additive the following shall be indicated: ‘Recommended	[to be completed by the OP: insert precise date 10 years from the date of entry into force of this Regulation]

<sup>2</sup> 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](https://joint-research-centre.ec.europa.eu/eurl-fa-eurl-feed-additives/eurl-fa-authorisation/eurl-fa-evaluation-reports_en).

							<p>maximum content of the active substance per kg of complete feedingstuff with a moisture content of 12 %: 5 mg/kg’.</p> <p>5. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of premixtures where the use level on the label of the premixture would result in exceeding the level referred to in point 4.</p> <p>6. 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</p>	
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							procedures and measures, the additive and premixtures shall be used with personal skin, eye and breathing protective equipment.	
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