

EN

**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 of additive/kg of complete feedingstuff with a moisture content of 12%			
Category of zootechnical additives. Functional group: other zootechnical additives (improving zootechnical performance).									
4d14	Novus Europe NV	Preparation of benzoic acid, calcium formate and fumaric acid	<b>Additive composition:</b> Preparation of benzoic acid, calcium formate and fumaric acid having a minimum content of: benzoic acid: 42.5-50 %, calcium formate: 2.5-3.5 %, fumaric acid: 0.8-1.2 %; Granulated form  ----- <b>Characterisation of the active substance:</b> Benzoic acid (purity ≥99,0%); CAS number: 65-85-0; Chemical formula C <sub>7</sub> H <sub>6</sub> O <sub>2</sub> Calcium formate: CAS number 544-17-2; Chemical formula C <sub>2</sub> H <sub>2</sub> O <sub>4</sub> Ca; Fumaric acid (purity ≥99,5%): CAS	Turkeys for fattening  Turkeys reared for breeding	-	500	1000	1. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated.  2. The additive shall not be used with other sources of benzoic acid or benzoates, calcium formate or formate and fumaric acid.  3. For users of the	[10 years from the date of entry into force of this Regulation To be completed by the Service responsible for the publication]

			<p>number 110-17-8; Chemical formula C<sub>4</sub>H<sub>4</sub>O<sub>4</sub>.</p> <p>-----</p> <p><b>Analytical method<sup>1</sup></b></p> <p>For the determination of benzoic acid, calcium formate and fumaric acid in the feed additive:</p> <ul style="list-style-type: none"> <li>- high performance liquid chromatography with UV detection (HPLC-UV);</li> </ul> <p>For the determination of total calcium in the feed additive:</p> <ul style="list-style-type: none"> <li>- atomic absorption spectrometry (AAS) – EN ISO 6869; or</li> <li>- inductively coupled plasma atomic emission spectrometry (ICP-AES) – EN 15510;</li> </ul> <p>For the determination of benzoic acid in premixtures and feedingstuffs:</p> <ul style="list-style-type: none"> <li>- high performance liquid chromatography with UV detection (HPLC-UV);</li> </ul> <p>For the determination of calcium formate and fumaric acid in premixtures:</p> <ul style="list-style-type: none"> <li>- ion-exclusion high performance liquid chromatography with UV or refractive index detection (HPLC-UV/RI).</li> </ul>					<p>additive and premixtures, feed business operators shall establish operational procedures and organisational measures to address potential risks concerning their use. 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 breathing protection.</p>	
--	--	--	--	--	--	--	--	---	--

<sup>1</sup> 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>.