

# 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 active substance/kg of complete feedingstuff with a moisture content of 12%			
Category: Sensory additives. Functional group: Flavouring compounds									
2b02015	-	Menthol	<i>Additive composition</i> Menthol <i>Characterisation of the active substance</i> Produced by chemical synthesis Purity: min. 95 % assay Chemical formula: C <sub>10</sub> H <sub>20</sub> O CAS number: 89-78-1 FLAVIS No: 02.015 <i>Method of analysis</i> <sup>(1)</sup> For the determination of menthol in the feed additive and in feed flavouring premixtures: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL.	All animal species	-	-	-	<div>1. The additive shall be incorporated into the feed in the form of a premixture.</div> <div>2. In the directions for use of the additive and premixtures, the storage and stability conditions shall be indicated.</div> <div>3. The recommended maximum content of the active substance shall be 25 mg/kg of complete feedingstuff with a moisture content of 12%.</div> <div>4. On the label of the additive the following shall be indicated: "Recommended maximum content of the active substance of complete feedingstuff with a moisture content of 12%: 25 mg/kg."</div> <div>5. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the</div>	<i>[Publication Office insert date 10 years from the date of entry into force of the Regulation]</i>

								<p>label of the premixtures and in the labelling of feed materials and compound feedingstuffs, if the following contents of the active substance in complete feedingstuff with a moisture content of 12% are exceeded: 25 mg/kg.</p> <p>6. 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 breathing protection, safety glasses and gloves.</p>	
2b07146	-	d-Carvone	<p><i>Additive composition</i> d-Carvone <i>Characterisation of the active substance</i> d-Carvone Produced by chemical synthesis Purity: min. 95 % assay Chemical formula: C<sub>10</sub>H<sub>14</sub>O CAS number: 2244-16-8 FLAVIS No: 07.146 <i>Method of analysis</i> <sup>(1)</sup> For the determination of d-carvone in the feed additive and in feed flavouring premixtures: Gas chromatography mass spectrometry with retention</p>	All animal species	-	-	-	<p>1. The additive shall be incorporated into the feed in the form of a premixture.</p> <p>2. In the directions for use of the additive and premixtures, the storage and stability conditions shall be indicated.</p> <p>3. The recommended maximum content of the active substance shall be 5 mg/kg of complete feedingstuff with a moisture content of 12%.</p> <p>4. On the label of the additive the following shall be indicated: "Recommended maximum content of the active substance 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 the premixtures and in the</p>	[Publication Office insert date 10 years from the date of entry into force of the Regulation]

			time locking GC-MS-RTL.					<p>labelling of feed materials and compound feedingstuffs, if the following contents of the active substance in complete feedingstuff with a moisture content of 12% are exceeded: 5 mg/kg.</p> <p>6. 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 breathing protection, safety glasses and gloves.</p>	
2b09016	-	Menthyl acetate	<p><i>Additive composition</i></p> <p>Menthyl acetate</p> <p><i>Characterisation of the active substance</i></p> <p>Menthyl acetate</p> <p>Produced by chemical synthesis</p> <p>Purity: min. 97 % assay</p> <p>Chemical formula: C<sub>12</sub>H<sub>22</sub>O<sub>2</sub></p> <p>CAS number: 29066-34-0</p> <p>FLAVIS No: 09.016</p> <p><i>Method of analysis</i> <sup>(1)</sup></p> <p>For the determination of menthyl acetate in the feed additive and in feed flavouring premixtures:</p> <p>Gas chromatography mass spectrometry with retention time locking GC-MS-RTL.</p>	All animal species	-	-	-	<ol style="list-style-type: none"> <li>1. The additive shall be incorporated into the feed in the form of a premixture.</li> <li>2. In the directions for use of the additive and premixtures, the storage and stability conditions shall be indicated.</li> <li>3. The recommended maximum content of the active substance shall be 5 mg/kg of complete feedingstuff with a moisture content of 12%.</li> <li>4. On the label of the additive the following shall be indicated: "Recommended maximum content of the active substance of complete feedingstuff with a moisture content of 12%: 5 mg/kg."</li> <li>5. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixtures and in the labelling of feed materials and</li> </ol>	[Publication Office insert date 10 years from the date of entry into force of the Regulation]

								<p>compound feedingstuffs, if the following contents of the active substance in complete feedingstuff with a moisture content of 12% are exceeded: 5 mg/kg.</p> <p>6. 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 breathing protection, safety glasses and gloves.</p>	
2b07078	-	d,l-Isomenthone	<p><i>Additive composition</i> d,l-Isomenthone <i>Characterisation of the active substance</i> d,l-Isomenthone Produced by chemical synthesis Purity: min. 98 % assay Chemical formula: C<sub>10</sub>H<sub>18</sub>O CAS number: 491-07-6 FLAVIS No: 07.078 <i>Method of analysis</i> <sup>(1)</sup> For the determination of d,l-isomenthone in the feed additive and in feed flavouring premixtures: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL.</p>	All animal species	-	-	-	<p>1. The additive shall be incorporated into the feed in the form of a premixture.</p> <p>2. In the directions for use of the additive and premixtures, the storage and stability conditions shall be indicated.</p> <p>3. The recommended maximum content of the active substance shall be: For pigs and poultry: 0.3 mg/kg, and for other species and categories: 0.5 mg/kg of complete feedingstuff with a moisture content of 12%.</p> <p>4. On the label of the additive the following shall be indicated: "Recommended maximum content of the active substance of complete feedingstuff with a moisture content of 12%: - 0.3 mg/kg for pigs and poultry; - 0.5 mg/kg for other species and categories."</p> <p>5. The functional group, the</p>	[Publication Office insert date 10 years from the date of entry into force of the Regulation]

								<p>identification number, the name and the added amount of the active substance shall be indicated in the labelling of the premixtures, feed materials and compound feedingstuffs, if the following contents of the active substance in complete feedingstuff with a moisture content of 12% are exceeded:</p> <ul style="list-style-type: none"> <li>- 0.3 mg/kg for pigs and poultry;</li> <li>- 0.5 mg/kg for other species and categories.</li> </ul> <p>6. 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 breathing protection, safety glasses and gloves.</p>	
2b07126	-	3,5,5-Trimethylcyclohex-2-en-1-one	<p><i>Additive composition</i> 3,5,5-Trimethylcyclohex-2-en-1-one</p> <p><i>Characterisation of the active substance</i> Trimethylcyclohex-2-en-1-one</p> <p>Produced by chemical synthesis</p> <p>Purity: min. 98 % assay</p> <p>Chemical formula: C<sub>9</sub>H<sub>14</sub>O</p> <p>CAS number: 78-59-1</p> <p>FLAVIS No: 07.126</p>	All animal species	-	-	-	<ol style="list-style-type: none"> <li>1. The additive shall be incorporated into the feed in the form of a premixture.</li> <li>2. In the directions for use of the additive and premixtures, the storage and stability conditions shall be indicated.</li> <li>3. The recommended maximum content of the active substance shall be: For pigs and poultry: 0.3 mg/kg, and for other species and categories: 0.5 mg/kg of complete feedingstuff with a moisture content of 12%.</li> <li>4. On the label of the additive the</li> </ol>	[Publication Office insert date 10 years from the date of entry into force of the Regulation]

			<p><i>Method of analysis</i> <sup>(1)</sup></p> <p>For the determination of 3,5,5-trimethylcyclohex-2-en-1-one in the feed additive and in feed flavouring premixtures:</p> <p>Gas chromatography mass spectrometry with retention time locking GC-MS-RTL.</p>					<p>following shall be indicated:</p> <p>"Recommended maximum content of the active substance of complete feedingstuff with a moisture content of 12%:</p> <p>- 0.3 mg/kg for pigs and poultry;</p> <p>-0.5 mg/kg for other species and categories."</p> <p>5. The functional group, the identification number, the name and the added amount of the active substance shall be indicated in the labelling of the premixtures, feed materials and compound feedingstuffs, if the following contents of the active substance in complete feedingstuff with a moisture content of 12% are exceeded:</p> <p>- 0.3 mg/kg for pigs and poultry;</p> <p>- 0.5 mg/kg for other species and categories.</p> <p>6. 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 breathing protection, safety glasses and glove.</p>	
2b07159	-	d-Fenchone	<p><i>Additive composition</i></p> <p>d-Fenchone</p> <p><i>Characterisation of the active substance</i></p>	All animal species	-	-	-	<p>1. The additive shall be incorporated into the feed in the form of a premixture.</p> <p>2. In the directions for use of the</p>	<p>[Publication Office insert date 10 years</p>

			<p>d-Fenchone</p> <p>Produced by chemical synthesis</p> <p>Purity: min. 97 % assay</p> <p>Chemical formula: C<sub>10</sub>H<sub>16</sub>O</p> <p>CAS number: 4695-62-9</p> <p>FLAVIS No: 07.159</p> <p><i>Method of analysis</i> <sup>(1)</sup></p> <p>For the determination of d-fenchone in the feed additive and in feed flavouring premixtures:</p> <p>Gas chromatography mass spectrometry with retention time locking GC-MS-RTL.</p>				<p>additive and premixtures, the storage and stability conditions shall be indicated.</p> <p>3. The recommended maximum content of the active substance shall be:</p> <p>For pigs and poultry: 0.3 mg/kg, and for other species and categories: 0.5 mg/kg of complete feedingstuff with a moisture content of 12%.</p> <p>4. On the label of the additive the following shall be indicated:</p> <p>"Recommended maximum content of the active substance of complete feedingstuff with a moisture content of 12%:</p> <p>- 0.3 mg/kg for pigs and poultry;</p> <p>-0.5 mg/kg for other species and categories."</p> <p>5. The functional group, the identification number, the name and the added amount of the active substance shall be indicated in the labelling of the premixtures, feed materials and compound feedingstuffs, if the following contents of the active substance in complete feedingstuff with a moisture content of 12% are exceeded:</p> <p>- 0.3 mg/kg for pigs and poultry;</p> <p>- 0.5 mg/kg for other species and categories.</p> <p>6. 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</p>	<p><i>from the date of entry into force of the Regulation]</i></p>
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								by such procedures and measures, the additive and premixtures shall be used with personal protective equipment, including breathing protection, safety glasses and glove	
2b02038	-	Fenchyl alcohol	<i>Additive composition</i> Fenchyl alcohol <i>Characterisation of the active substance</i> Fenchyl alcohol Produced by chemical synthesis Purity: min.97 % assay Chemical formula: C <sub>10</sub> H <sub>18</sub> O CAS number: 1632-73-1 FLAVIS No: 02.038 <i>Method of analysis</i> <sup>(1)</sup> For the determination of fenchyl alcohol in the feed additive and in feed flavouring premixtures: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL.	All 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 and stability conditions shall be indicated. 3. The recommended maximum content of the active substance shall be 1 mg/kg of complete feedingstuff with a moisture content of 12%. 4. On the label of the additive the following shall be indicated: "Recommended maximum content of the active substance of complete feedingstuff with a moisture content of 12%: 1 mg/kg." 5. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixtures and in the labelling of feed materials and compound feedingstuffs, if the following contents of the active substance in complete feedingstuff with a moisture content of 12% are exceeded: 1 mg/kg 6. 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	[Publication Office insert date 10 years from the date of entry into force of the Regulation]



								<p>premixtures shall be used with personal protective equipment, including breathing protection, safety glasses and gloves.</p>	
2b09215	-	Carvyl acetate	<p><i>Additive composition</i> Carvyl acetate <i>Characterisation of the active substance</i> Carvyl acetate Produced by chemical synthesis Purity: min.97 % assay Chemical formula: C<sub>12</sub>H<sub>18</sub>O<sub>2</sub> CAS number: 97-42-7 FLAVIS No: 09.215 <i>Method of analysis</i> <sup>(1)</sup> For the determination of carvyl acetate in the feed additive and in feed flavouring premixtures: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL</p>	All animal species	-	-	-	<ol style="list-style-type: none"> <li>1. The additive shall be incorporated into the feed in the form of a premixture.</li> <li>2. In the directions for use of the additive and premixtures, the storage and stability conditions shall be indicated.</li> <li>3. The recommended maximum content of the active substance shall be 1 mg/kg of complete feedingstuff with a moisture content of 12%.</li> <li>4. On the label of the additive the following shall be indicated: "Recommended maximum content of the active substance of complete feedingstuff with a moisture content of 12%: 1 mg/kg."</li> <li>5. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixtures and in the labelling of feed materials and compound feedingstuffs, if the following contents of the active substance in complete feedingstuff with a moisture content of 12% are exceeded: 1 mg/kg.</li> <li>6. 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</li> </ol>	<p>[Publication Office insert date 10 years from the date of entry into force of the Regulation]</p>

								<p>premixtures shall be used with personal protective equipment, including breathing protection, safety glasses and gloves.</p>	
2b09216	-	Dihydrocarvyl acetate	<p><i>Additive composition</i> Dihydrocarvyl acetate <i>Characterisation of the active substance</i> Dihydrocarvyl acetate Produced by chemical synthesis Purity: min.97 % assay Chemical formula: C<sub>12</sub>H<sub>20</sub>O<sub>2</sub> CAS number: 20777-49-5 FLAVIS No: 09.216 <i>Method of analysis</i> <sup>(1)</sup> For the determination of dihydrocarvyl acetate in the feed additive and in feed flavouring premixtures: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL</p>	All animal species	-	-	-	<ol style="list-style-type: none"> <li>1. The additive shall be incorporated into the feed in the form of a premixture.</li> <li>2. In the directions for use of the additive and premixtures, the storage and stability conditions shall be indicated.</li> <li>3. The recommended maximum content of the active substance shall be 1 mg/kg of complete feedingstuff with a moisture content of 12%.</li> <li>4. On the label of the additive the following shall be indicated: "Recommended maximum content of the active substance of complete feedingstuff with a moisture content of 12%: 1 mg/kg."</li> <li>5. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixtures and in the labelling of feed materials and compound feedingstuffs, if the following contents of the active substance in complete feedingstuff with a moisture content of 12% are exceeded: 1 mg/kg</li> <li>6. 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</li> </ol>	<p>[Publication Office insert date 10 years from the date of entry into force of the Regulation]</p>

								<p>premixtures shall be used with personal protective equipment, including breathing protection, safety glasses and gloves.</p>	
2b09269		Fenchyl acetate	<p><i>Additive composition</i> Fenchyl acetate <i>Characterisation of the active substance</i> Fenchyl acetate Produced by chemical synthesis Purity: min.98 % assay Chemical formula: C<sub>12</sub>H<sub>20</sub>O<sub>2</sub> CAS number: 13851-11-1 FLAVIS No: 09.269 <i>Method of analysis</i> <sup>(1)</sup> For the determination of fenchyl acetate in the feed additive and in feed flavouring premixtures: Gas chromatography mass spectrometry with retention time locking GC-MS-RTL</p>	All animal species	-	-	-	<ol style="list-style-type: none"> <li>1. The additive shall be incorporated into the feed in the form of a premixture.</li> <li>2. In the directions for use of the additive and premixtures, the storage and stability conditions shall be indicated.</li> <li>3. The recommended maximum content of the active substance shall be 1 mg/kg of complete feedingstuff with a moisture content of 12%.</li> <li>4. On the label of the additive the following shall be indicated: "Recommended maximum content of the active substance of complete feedingstuff with a moisture content of 12%: 1 mg/kg."</li> <li>5. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixtures and in the labelling of feed materials and compound feedingstuffs, if the following contents of the active substance in complete feedingstuff with a moisture content of 12% are exceeded: 1 mg/kg.</li> <li>6. 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</li> </ol>	<p>[Publication Office insert date 10 years from the date of entry into force of the Regulation]</p>

								premixtures shall be used with personal protective equipment, including breathing protection, safety glasses and gloves.	
<sup>(1)</sup> = Details of the analytical methods are available at the following address of the Reference Laboratory: <a href="https://ec.europa.eu/jrc/en/eurl/feed-additives/evaluation-reports">https://ec.europa.eu/jrc/en/eurl/feed-additives/evaluation-reports</a>									