

**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 (improvement of zootechnical parameters)									
4d20	Biomin GmbH	Preparation of carvacrol, thymol, D-carvone, methyl salicylate and L-menthol	<b>Additive composition</b> Preparation of: - carvacrol (120-160 mg/g) - thymol (1-3 mg/g) - D-carvone (3-6 mg/g) - methyl salicylate (10-35 mg/g) - L-menthol (30-55 mg/g) - amorphous silica (maximum 100 mg/g) - hydrogenated vegetable oil (maximum 700 mg/g)  Solid encapsulated form ----- <b>Characterisation of the active substance:</b> Carvacrol (CAS number: 499-75-2) Thymol (CAS number: 89-83-8) D-Carvone (CAS number:2244-16-8) Methyl salicylate (CAS number: 119-36-8) - L-Menthol (CAS number: 2216-51-8) ----- <b>Analytical method<sup>1</sup></b> For the quantification of the active substances: Gas chromatography coupled with flame ionisation detection (GC-FID).	Turkeys for fattening  Turkeys reared for breeding  Minor poultry species for fattening  Minor poultry species reared for breeding	-	65	105	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 carvacrol, thymol, D-carvone, methyl salicylate and L-menthol.  3. For users of the additive and premixtures, feed business operators shall establish operational procedures and organisational measures to address potential risks resulting from its 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,	[10 years from the date of entry into force of this Regulation. To be completed by the Service responsible for the publication]

<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>

								including skin and eye protections.	
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