

**QUALITY CERTIFICATE**

Product name: (-)-MENTHOL NATURAL  
Quality: Ph.Eur.11.0.  
Package: 50 g  
Formula: C<sub>10</sub>H<sub>20</sub>O  
Rel. mol. weight: 156,27  
Lot No.: GG4557298  
Manufacturing date: 03.2023.  
Expiry date: 30.09.2028. (DMY)  
Anal. No.: 16063H57298

	<b>REQUIRED</b>	<b>MEASURED</b>
Appearance:	prismatic or acicular, colourless, shiny crystals	prismatic, colourless, shiny crystals
Identification test 'A'	identical	identical
Identification test IR	identical	identical
Appearance of solution	passes test	passes test
Alkalinity, acidity	passes test	passes test
[α] <sub>D</sub> <sup>20</sup>	(-48)-(-51) °	-49,7 °
Related substances GC (total impurities)	max.1,0 %	0,38 %
Residue on evaporation	max.0,05 %	0,02 %

**The Product complies with the requirements of Ph.Eur.11.0.**

Kiállítva: Halásztelek, 2023.09.27.



Nagy Balázs

minőségbiztosítási vezető

**Molar Chemicals Kft.**  
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Cégj.sz.: 13-09-1. 67293