

**QUALITY CERTIFICATE**

Product name: CAMPHOR, RACEMIC  
Quality: Ph.Eur.11.0.  
Package: 250 g  
Formula: C<sub>10</sub>H<sub>16</sub>O  
Rel. mol. weight: 152,24  
Lot No.: GL8859354  
Manufacturing date: 07.2023.  
Expiry date: 11.03.2027. (DMY)  
Anal. No.: 17694H59354

	<b>REQUIRED</b>	<b>MEASURED</b>
Appearance:	white, crystalline powder or mass with characteristic odour	white crystalline mass with characteristic odour
Identity (IR)	identical	identical
Melting point	172-180 °C	177,5 °C
[α] <sub>D</sub> <sup>20</sup>	(-0,15)-(+0,15) °	0,0 °
Solubility	sparingly soluble in water, freely soluble in ethanol (96 per cent)	sparingly soluble in water, freely soluble in ethanol (96 per cent)
Appearance of solution	passes test	passes test
Alkalinity, acidity	passes test	passes test
Related substances (GC)	passes test	passes test
Any other impurity	max. 2 %	<2 %
Total impurity (by GC)	max. 4 %	1,45 %
Halogens (Cl)	max.100 ppm	<100 ppm
Water	passes test	passes test
Evaporation residue	max.0,05 %	0,00 %

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

Kiállítva: Halásztelek, 2024.03.22.

  
Nagy Balázs

minőségbiztosítási vezető

**Molar Chemicals Kft.**  
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