

QUALITY CERTIFICATE

Product name: PEPPERMINT OIL
Quality: Ph.Eur.11.0.
Package: 10 g
Lot No.: GC1455737
Manufacturing date: 05.2023.
Expiry date: 01.05.2026. (DMY)
Anal. No.: 14872H55737

	REQUIRED	MEASURED
Appearance:	clear, colourless or greenish-yellow transparent liquid	clear, greenish-yellow transparent liquid
Identity	identical	identical
Density (d ₄ ²⁰)	0,900-0,916 g/cm ³	0,900 g/cm ³
Refractive index (20° □ C)	1,457-1,467	1,457
Specific optical rotation (20 °C)(dried substance)	-10 - -30 °	-22,0 °
Acid value	max. 1,4	0,3
Fatty oils and resinified essential oils	passes test	passes test
Mint oil	max.0,2 %	<0,2 %
Chromatographic profile (GC)	passes test	passes test
limonene	1,0-3,5 %	2,0 %
1,8-Cineole	3,5-8,0 %	4,2 %
menthone	14,0-32,0 %	28,1 %
menthofuran	1,0-8,0 %	4,0 %
iso-Menthone	1,5-10,0 %	4,7 %
Menthyl acetate	2,8-10,0 %	5,2 %
iso-Pulegol	max.0,2 %	0,2 %
menthol	30,0-55,0 %	35,4 %
Pulegone	max. 3,0 %	1,9 %
carvone	max. 1,0 %	<1,0 %
1,8-Cineole: Limonene	min.2	2

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

Kiállítva: Halásztelek, 2023.05.22.


Nagy Balázs

minőségbiztosítási vezető

Molar Chemicals Kft.
2314 Halásztelek, Árpád utca 1.
Adószám: 10886713-2-13
Cégj.sz.: 13-09-1. 67293