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Certificate of Analysis

Product: Rosemary Oil
 Botanical name: *Rosemarinus officinalis L.*
 CAS #: 8000-25-7
 Batch number: 77571
 Country of Origin: Hungary
 Date of MFG: 15-09-2016
 Expiration date: 15-09-2019

Parameters	Specification	Results
State	Liquid	Complies
Colour	Colourless to pale yellow	Complies
Odour	Characteristics	Complies
Specific Gravity / (g/cm ³) @ 20°C	0.894 – 0.912	0.909
Refractive Index @ 20C	1.464 – 1.476	1.466
Optical Rotation (°)	-5 to +10	+6.9
Ester	Min. 1.5	2.0
Total Borneol	Min. 8.0	9.2
Solubility	1+1 in 90% alcohol, slight opalescent	Complies
Main Constituents		
Cineole, 1,8-		40%
Camphor		14.5%
Borneol		3.2%

Storage: Store in well-filled, tightly sealed containers, in a cool dry place, away from direct sunlight.

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