



CERTIFICATE OF ANALYSIS (COA)

Product Information

Parameter	Specification
Product Name	Spearmint Essential Oil
Botanical Name	<i>Mentha spicata</i> L.
INCI Name	<i>Mentha Viridis</i> (Spearmint) Leaf Oil
Product Type	Essential Oil
CAS Number	8008-79-5
EC Number	283-656-2
Extraction Method	Steam Distillation
Appearance	Clear colourless to pale yellow liquid
Odour	Fresh, sweet, minty, herbaceous, characteristic spearmint
Country of Origin	India
Batch Number	SMEO-260704
Manufacturing Date	18 May 2026
Retest Date	18 May 2028

Analytical Specifications

Test	Specification	Result
Appearance	Clear colourless to pale yellow liquid	Complies
Odour	Characteristic fresh spearmint	Complies
Identification (GC/MS)	Conforms to reference standard	Complies
Relative Density (20 °C)	0.920–0.945	0.936
Refractive Index (20 °C)	1.4840–1.4910	1.4878
Optical Rotation (20 °C)	-45° to -60°	-52.4°
Carvone Content (GC)	55.0–75.0%	63.8%
Limonene Content (GC)	10.0–25.0%	16.4%
Moisture (Karl Fischer)	≤0.20%	0.05%
Solubility (90% Ethanol)	Clear solution (1:3)	Complies

Storage

Store in tightly closed original containers in a cool, dry, well-ventilated place away from direct sunlight, moisture and excessive heat.

Recommended storage temperature: 15–25 °C



Shelf Life

24 months from the manufacturing date when stored under the recommended conditions.

Statement

This product has been sampled, inspected, tested and released in accordance with the quality management procedures of Aromology Trading LLC and complies with the specifications stated above at the time of release.

The analytical values reported are typical quality control results and are intended solely for quality assurance purposes.

Approved By

Fozia Khot
Director
Aromology Trading LLC

