



CERTIFICATE OF ANALYSIS (COA)

Aromology Trading LLC
G05 Al Ghazal Building
Nadd Al Hamar
Dubai, United Arab Emirates

Website: www.aromology.com
Email: info@aromology.com
Telephone: +971 505197601

PRODUCT INFORMATION

Parameter	Details
Product Name	Peppermint Essential Oil
Botanical Name	<i>Mentha × piperita</i> L.
INCI Name	Mentha Piperita Oil
Plant Part	Leaves and flowering aerial parts
Extraction Method	Steam Distillation
Product Type	Natural Essential Oil
CAS Number	8006-90-4
EC Number	616-900-7
Alternative EC Number	282-015-4
Country of Origin	India
Batch Number	PMT-260723

ORGANOLEPTIC ANALYSIS

Test	Specification	Representative Result
Appearance	Clear mobile liquid	Conforms
Colour	Colourless to pale yellow	Conforms
Odour	Fresh, minty, cooling, mentholic	Conforms
Foreign Matter	None visible	Conforms

PHYSICO-CHEMICAL ANALYSIS

Test	Specification	Representative Result
Relative Density (20 °C)	0.895–0.925	0.907
Refractive Index (20 °C)	1.455–1.470	1.4608
Optical Rotation	–30° to –10°	–22.4°
Flash Point	>65 °C	73 °C



Solubility

Soluble in ethanol

Conforms

REPRESENTATIVE GC PROFILE

Constituent	Representative Result
Menthol	41.8%
Menthone	22.1%
Isomenthone	4.6%
Menthyl Acetate	5.4%
1,8-Cineole	4.3%
Menthofuran	2.7%
Limonene	2.4%
β -Caryophyllene	2.1%
α/β -Pinene	1.5%
Pulegone	0.7%
Other Natural Constituents	Balance

QUALITY STATUS

Assessment	Status
Natural Origin	Conforms
Professional Perfumery Grade	Conforms
GMO	Not Intentionally Used
Animal Derived Material	None
Vegan Suitable	Yes
Residual Solvents	None Detected

STORAGE

Store tightly closed between 5–20°C, protected from light, heat and air.

SHELF LIFE

24 months under recommended storage conditions.

Authorised By

Fozia Khot

Director

Aromology Trading LLC