



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT INFORMATION

Parameter	Specification
Product Name	Cumin Seed Essential Oil
Alternative Name	Cumin Oil
Botanical Name	<i>Cuminum cyminum</i> L.
INCI Name	Cuminum Cyminum Seed Oil
EU CAS Number	8014-13-9
Alternative CAS Number	84775-51-9
EC Number	283-881-6
Origin	India
Plant Part	Seeds (Fruits)
Extraction Method	Steam Distillation
Grade	Premium Perfumery Grade
Product Type	Natural Essential Oil

ANALYTICAL SPECIFICATION

Test	Specification	Result
Appearance	Clear mobile liquid	Conforms
Colour	Pale Yellow to Amber	Conforms
Odour	Powerful spicy, warm, earthy, cumin-like	Conforms
Relative Density (20 °C)	0.900–0.930	Conforms
Refractive Index (20 °C)	1.495–1.510	Conforms
Optical Rotation	+5 ° to +20 °	Conforms
Flash Point	Approximately 70 °C	Conforms
Solubility	Soluble in ethanol and perfumery solvents	Conforms



Purity 100% Pure Essential Oil Conforms

Typical Naturally Occurring Constituents

Constituent	Status
Cuminaldehyde	Major Constituent (Typically 25–45%)
γ-Terpinene	Naturally Present
p-Cymene	Naturally Present
β-Pinene	Naturally Present
α-Pinene	Naturally Present
β-Myrcene	Naturally Present
Limonene	Naturally Present
Safranal	Naturally Present
Terpinen-4-ol	Naturally Present
β-Caryophyllene	Naturally Present

Storage

Store tightly sealed in a cool, dry place away from direct sunlight, excessive heat and oxidising agents.

Shelf Life

24 months from the date of manufacture when stored under recommended conditions.

Conclusion

This material conforms to Aromology's quality specifications for Cumin Seed Essential Oil and is suitable for professional perfumery, cosmetic and fragrance applications.

Batch Number: CUM-260710

Manufacturing Date: 22 May 2026

Retest Date: 22 May 2028

Issue Date: 10 July 2026

Prepared and Authorised By:

Fozia Khot
Director