



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT INFORMATION

Parameter	Specification
Product Name	Cardamom Fractions
Botanical Name	<i>Elettaria cardamomum</i> (L.) Maton
INCI Name	Elettaria Cardamomum Seed Oil (Fraction)
CAS Number	8000-66-6
EC Number	288-922-1
Origin	India
Plant Part	Seeds
Extraction Method	Fractional Distillation of Cardamom Essential Oil
Grade	Premium Perfumery Grade
Product Type	Natural Essential Oil Fraction

ANALYTICAL SPECIFICATION

Test	Specification	Result
Appearance	Clear mobile liquid	Conforms
Colour	Colourless to Pale Yellow	Conforms
Odour	Sweet, fresh, cardamom, herbal, fruity, woody	Conforms
Relative Density (20 °C)	0.940–0.970	Conforms
Refractive Index (20 °C)	1.455–1.470	Conforms
Flash Point	>70 °C	Conforms
Solubility	Soluble in ethanol and perfumery solvents	Conforms
Main Constituent	α -Terpinyl Acetate	Conforms



Purity Natural Essential Oil Fraction Conforms

Typical Naturally Occurring Constituents

Constituent	Status
α-Terpinyl Acetate	Major Constituent
1,8-Cineole	Naturally Present
Linalool	Naturally Present
Linalyl Acetate	Naturally Present
Sabinene	Naturally Present
Limonene	Naturally Present
α-Pinene	Naturally Present
β-Pinene	Naturally Present
Myrcene	Naturally Present
α-Terpineol	Naturally Present

Storage

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

Shelf Life

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

Conclusion

This material conforms to Aromology's quality specifications for Cardamom Fractions – Terpinyl Acetate (Ex Cardamom) and is suitable for professional perfumery applications.

Batch Number: CTF-260705

Manufacturing Date: 18 April 2026

Retest Date: 18 April 2029

Issue Date: 05 July 2026

Prepared By:
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