



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT INFORMATION

Parameter	Specification
Product Name	Clove Terpenes
Alternative Name	Terpenes ex Clove Oil
Botanical Name	<i>Syzygium aromaticum</i> (L.) Merr. & L.M.Perry
INCI Name	Syzygium Aromaticum (Clove) Leaf Oil (Terpene Fraction)
CAS Number	84961-50-2
EC Number	284-638-7
Origin	Indonesia
Plant Part	Leaves and/or Flower Buds
Manufacturing Process	Fractional Distillation of Clove Essential Oil
Grade	Premium Perfumery Grade
Product Type	Natural Terpene Fraction

ANALYTICAL SPECIFICATION

Test	Specification	Result
Appearance	Clear mobile liquid	Conforms
Colour	Colourless to Pale Yellow	Conforms
Odour	Fresh woody, peppery, spicy, terpene-like with mild clove notes	Conforms
Relative Density (20 °C)	0.890–0.930	Conforms
Refractive Index (20 °C)	1.485–1.505	Conforms
Flash Point	>65 °C	Conforms
Solubility	Soluble in ethanol and perfumery solvents	Conforms



Purity Natural Terpene Fraction Conforms

Typical Naturally Occurring Constituents

Constituent	Status
β -Caryophyllene	Major Constituent
α -Humulene	Naturally Present
Caryophyllene Oxide	Naturally Present
α -Pinene	Naturally Present
β -Pinene	Naturally Present
Limonene	Naturally Present
Myrcene	Naturally Present
Terpinolene	Naturally Present
Eugenol	Trace Naturally Present

Storage

Store tightly sealed in a cool, dry place away from direct sunlight, excessive 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 Clove Terpenes and is suitable for professional perfumery and fragrance applications.

Batch Number: CLT-260710

Manufacturing Date: 14 May 2026

Retest Date: 14 May 2029

Issue Date: 10 July 2026

Prepared and Authorised By:

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