



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT INFORMATION

Parameter	Specification
Product Name	Copaiba Essential Oil
Alternative Name	Rectified Copaiba Oil
Botanical Name	<i>Copaifera officinalis</i> L. (and related <i>Copaifera</i> spp.)
INCI Name	Copaifera Officinalis (Balsam Copaiba) Resin
CAS Number	8001-61-4
EC Number	289-896-4
Origin	Brazil
Plant Part	Oleoresin (Balsam)
Extraction Method	Steam Distillation followed by Fractional Rectification
Grade	Premium Perfumery Grade
Product Type	Rectified Natural Essential Oil

ANALYTICAL SPECIFICATION

Test	Specification	Result
Appearance	Clear mobile liquid	Conforms
Colour	Colourless to Pale Yellow	Conforms
Odour	Soft woody, balsamic, sweet, peppery	Conforms
Relative Density (20 °C)	0.890–0.920	Conforms
Refractive Index (20 °C)	1.495–1.505	Conforms
Optical Rotation	-15° to -5°	Conforms
Flash Point	>90 °C	Conforms
Solubility	Soluble in ethanol and perfumery solvents	Conforms
Purity	100% Rectified Natural Essential Oil	Conforms



Typical Naturally Occurring Constituents

Constituent	Status
β -Caryophyllene	Major Constituent
α -Copaene	Naturally Present
β -Bisabolene	Naturally Present
α -Humulene	Naturally Present
Caryophyllene Oxide	Naturally Present
Germacrene D	Naturally Present
δ -Cadinene	Naturally Present
α -Bergamotene	Naturally Present
Sesquiterpene Hydrocarbons	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 Copaiba Essential Oil (Rectified) and is suitable for professional perfumery, cosmetic and fragrance applications.

Batch Number: CPR-260710

Manufacturing Date: 18 May 2026

Retest Date: 18 May 2029

Issue Date: 10 July 2026

Prepared and Authorised By:

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Director