



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	Specification
Product Name	Elemi Heart Essential Oil
Alternative Name	Elemi Heart Fraction
Botanical Name	<i>Canarium luzonicum</i> (Blume) A.Gray
INCI Name	Canarium Luzonicum Gum Oil
CAS Number	8023-89-0
EC Number	232-557-2
FEMA Number	2408
Origin	Philippines
Plant Part	Gum Resin
Extraction Method	Fractional Steam Distillation (Heart Fraction)
Grade	Premium Perfumery Grade
Product Type	Natural Essential Oil

ANALYTICAL SPECIFICATION

Test	Specification	Result
Appearance	Clear mobile liquid	Conforms
Colour	Colourless to Pale Yellow	Conforms
Odour	Fresh citrus, clean resinous, balsamic, incense-like, woody	Conforms
Relative Density (20°C)	0.860–0.915	Conforms
Refractive Index (20°C)	1.472–1.490	Conforms
Optical Rotation	+40° to +80°	Conforms



Flash Point	48–52 °C	Conforms
Solubility	Soluble in ethanol and fixed oils	Conforms
Purity	100% Natural Essential Oil (Heart Fraction)	Conforms

Typical Naturally Occurring Constituents

Constituent	Status
Elemol	Naturally Present
Elemicin	Naturally Present
Limonene	Major Constituent
α -Terpineol	Naturally Present
α -Phellandrene	Naturally Present
Sabinene	Naturally Present
β -Phellandrene	Naturally Present
Terpinolene	Naturally Present
α -Pinene	Naturally Present
β -Pinene	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 Elemi Heart Essential Oil and is suitable for professional perfumery, cosmetic and fragrance applications.

Batch Number: ELH-260710
Manufacturing Date: 03 June 2026
Retest Date: 03 June 2029
Issue Date: 10 July 2026

Prepared and Authorised By:

Fozia Khot
Director