



CERTIFICATE OF ANALYSIS (COA)

Supplier: Aromology

Product Name: Olibanum Coeur Molecular Distillation

Botanical Name: *Boswellia carterii* Birdw.

INCI Name: *Boswellia Carterii* Oil

CAS Number: 8050-07-5

EC Number: 232-474-1

FEMA Number: 2816

Product Type: Essential Oil (Molecular Distilled)

Extraction Method: Steam Distillation followed by Molecular Distillation

Country of Origin: Somalia

1. Product Information

Parameter	Details
Product Name	Olibanum Coeur Molecular Distillation
Botanical Name	<i>Boswellia carterii</i> Birdw.
INCI Name	<i>Boswellia Carterii</i> Oil
CAS Number	8050-07-5
EC Number	232-474-1
FEMA Number	2816
Product Type	Essential Oil (Molecular Distilled)
Extraction Method	Steam Distillation followed by Molecular Distillation
Intended Use	Perfumery, Cosmetics, Aromatics
Supplier	Aromology

2. Physical & Organoleptic Specifications

Test	Specification	Result
Appearance	Clear mobile liquid	Conforms
Colour	Colourless to pale yellow	Conforms
Odour	Fresh, bright, citrus, incense, resinous, elegant	Conforms
Solubility	Insoluble in water; soluble in ethanol and perfumery solvents	Conforms

3. Typical Analytical Characteristics

Parameter	Typical Range	Result
Relative Density @20°C	0.860 – 0.885	Conforms
Refractive Index @20°C	1.4620 – 1.4780	Conforms



Parameter	Typical Range	Result
Optical Rotation	-15° to +15°	Conforms
Flash Point	48–55 °C	Conforms
Acid Value	≤2.0 mg KOH/g	Conforms

4. Typical Composition

Constituent	Typical Range (%)
α-Pinene	35.0–55.0
Limonene	8.0–18.0
Sabinene	3.0–10.0
Myrcene	2.0–8.0
β-Pinene	2.0–6.0
Incensole & Oxygenated Sesquiterpenes	2.0–8.0
Other Naturally Occurring Constituents	Balance

Typical values may vary slightly depending on harvest season, origin and molecular distillation parameters.

5. Quality Assessment

Quality Parameter	Result
Identity Verified	PASS
Organoleptic Evaluation	PASS
Physical Characteristics	PASS
Natural Origin Verified	PASS
Suitable for Perfumery Use	PASS

6. Storage Conditions

Parameter	Recommendation
Storage Temperature	Store below 25 °C
Light Exposure	Protect from direct sunlight
Container	Keep tightly sealed in the original container
Atmosphere	Protect from air and moisture
Shelf Life	24 months under recommended storage conditions

7. Statement of Conformity



Aromology certifies that this batch of Olibanum Coeur Molecular Distillation conforms to internal quality specifications for molecular distilled essential oils and has been evaluated for identity, physical characteristics and organoleptic quality.

This material is produced by molecular distillation of premium Olibanum (*Boswellia carterii*) essential oil, concentrating the most refined heart fractions while reducing heavier resinous components. The result is a highly refined frankincense ingredient ideally suited for fine fragrance, cosmetic and personal care applications.

8. Authorisation

Approved By	Department
Fozia Khot	Director
Aromology Trading LLC Dubai, UAE	

9. Supplier Details

AROMOLOGY

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Document Information

Parameter	Details
Document	Certificate of Analysis (COA)
Status	APPROVED
Date of Manufacture	27 August 2025
Date of Expiry	27 August 2027
Issue Date	30 August 2025
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