



CERTIFICATE OF ANALYSIS (COA)

Supplier: Aromology

Product Name: Ambreine Oil Natural Base

Botanical Source: *Cistus ladanifer* L.

INCI Name: *Cistus Ladaniferus Extract*

CAS Number: 8016-26-0

EC Number: 946-922-5

Product Type: Natural Amber Base / Natural Fragrance Ingredient

Extraction Method: Natural extraction from Labdanum (*Cistus ladanifer*) resin

Country of Origin: Spain

1. Product Information

Parameter	Details
Product Name	Ambreine Oil Natural Base
Botanical Source	<i>Cistus ladanifer</i> L.
INCI Name	<i>Cistus Ladaniferus Extract</i>
CAS Number	8016-26-0
EC Number	946-922-5
Product Type	Natural Amber Base
Extraction Method	Natural extraction
Intended Use	Fine Fragrance, Cosmetics, Personal Care
Supplier	Aromology

2. Physical & Organoleptic Specifications

Test	Specification	Result
Appearance	Clear to slightly viscous liquid	Conforms
Colour	Golden amber to dark amber	Conforms
Odour	Rich ambergris, balsamic, resinous, warm, leathery, musky	Conforms
Solubility	Soluble in ethanol and perfumery solvents; insoluble in water	Conforms

3. Analytical Characteristics

Parameter	Specification	Result
Relative Density @20 °C	0.930–1.000	Conforms
Refractive Index @20 °C	1.4900–1.5250	Conforms
Flash Point	>90 °C	Conforms
Acid Value	≤5.0 mg KOH/g	Conforms



Parameter	Specification	Result
Water Content (Karl Fischer)	≤0.50%	Conforms

4. Typical Composition

Constituent	Typical Presence (%)
Labdane Diterpenes	45–70
Resin Acids	10–25
Sesquiterpenes	5–15
Oxygenated Terpenoids	5–15
Natural Minor Constituents	Balance

As a naturally derived botanical extract, slight batch-to-batch variation is expected and does not affect product performance.

5. Quality Assessment

Quality Parameter	Result
Identity Verified	PASS
Appearance	PASS
Odour Evaluation	PASS
Physical Characteristics	PASS
Suitable for Professional Perfumery	PASS

6. Storage Conditions

Parameter	Recommendation
Storage Temperature	Store below 25 °C
Light Exposure	Protect from direct sunlight
Container	Keep tightly closed in 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 Ambreine Oil Natural Base complies with internal quality specifications for professional perfumery materials.

This premium natural amber base is produced from Labdanum (*Cistus ladanifer*) and has been evaluated for identity, appearance, organoleptic quality and physical characteristics.



It provides a rich ambergris-like, balsamic, resinous, leathery and musky profile with excellent substantivity and fixative performance, making it suitable for fine fragrance, oriental, amber and woody perfume compositions.

8. Authorisation

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

9. Supplier Details

AROMOLOGY

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Document Information

Parameter	Details
Document	Certificate of Analysis (COA)
Status	APPROVED
Date of Manufacture	22 September 2025
Date of Expiry	22 September 2027
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