

CERTIFICATE OF ANALYSIS (COA)

Supplier: Aromology

Product Name: Bergamot Essential Oil – Bergaptene Free

Botanical Name: *Citrus bergamia* Risso & Poit.

INCI Name: Citrus Bergamia Peel Oil Expressed

CAS Number: 89957-91-5

Product Type: Essential Oil – Bergaptene Free / FCF

Country of Origin: Italy

1. Product Information

Parameter	Details
Product Name	Bergamot Essential Oil – Bergaptene Free
Botanical Name	<i>Citrus bergamia</i> Risso & Poit.
INCI Name	Citrus Bergamia Peel Oil Expressed
CAS Number	89957-91-5
Product Type	Essential Oil – Bergaptene Free / FCF
Intended Use	Perfumery, Cosmetics, Aromatics
Supplier	Aromology

2. Physical & Organoleptic Specifications

Test	Specification	Result
Appearance	Clear mobile liquid	Conforms
Colour	Pale yellow to greenish-yellow	Conforms
Odour	Fresh, sweet, citrus, fruity, bergamot characteristic	Conforms
Solubility	Soluble in ethanol and perfumery solvents; insoluble in water	Conforms

3. Typical Analytical Characteristics

Parameter	Typical Range	Result
Specific Gravity @20°C	0.865–0.885	Conforms
Refractive Index @20°C	1.460–1.470	Conforms
Optical Rotation	+15° to +35°	Conforms
Flash Point	58–65°C	Conforms
Bergaptene / 5-MOP	Bergaptene Free / FCF	Conforms

4. Major Constituents

Constituent	Typical Content (%)
Limonene	30–45
Linalyl Acetate	20–35
Linalool	5–15
γ-Terpinene	5–10
β-Pinene	5–10

5. Quality Assessment

Quality Parameter	Result
Botanical Identity Verified	PASS

Quality Parameter	Result
Organoleptic Evaluation	PASS
Appearance	PASS
Bergaptene-Free Status	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
Shelf Life	24 Months under recommended storage conditions

7. Statement of Conformity

Aromology certifies that this batch of **Bergamot Essential Oil – Bergaptene Free**, CAS No. **89957-91-5**, conforms to internal quality specifications and has been evaluated for identity, appearance, organoleptic characteristics, bergaptene-free status, and analytical quality.

This material is suitable for professional fragrance, cosmetic, personal care, and aromatic applications.

8. Authorisation

Approved By Department

Fozia Khot Director

Aromology Trading LLC

Dubai, United Arab Emirates

9. Supplier Details

AROMOLOGY

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Document Information

Parameter	Details
Document	Certificate of Analysis (COA)
Status	APPROVED
Batch Number	BE0BF26062901
Date of Manufacture	27 March 2026
Date of Expiry	26 March 2028
Issue Date	29 June 2026
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Authorized By

Fozia Khot
Director
Aromology Trading LLC