



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT INFORMATION

Parameter	Specification
Product Name	Blood Orange Essential Oil
Alternative Name	Tarocco Blood Orange Oil
Botanical Name	<i>Citrus sinensis</i> (L.) Osbeck
INCI Name	Citrus Sinensis Peel Oil Expressed
CAS Number	8008-57-9
EC Number	232-433-8
Origin	Italy
Variety	Tarocco
Plant Part	Fresh Fruit Peel
Extraction Method	Cold Expression / Mechanical Pressing
Grade	Premium Perfumery Grade
Product Type	Natural Essential Oil

ANALYTICAL SPECIFICATION

Test	Specification	Result
Appearance	Clear mobile liquid	Conforms
Colour	Orange to Deep Orange	Conforms
Odour	Sweet blood orange, juicy citrus, fruity, fresh	Conforms
Relative Density (20 °C)	0.840–0.855	Conforms
Refractive Index (20 °C)	1.470–1.480	Conforms
Optical Rotation	+90° to +99°	Conforms
Flash Point	43–49 °C	Conforms
Solubility	Soluble in ethanol	Conforms



Purity 100% Pure Essential Oil Conforms

Typical Naturally Occurring Constituents

Constituent	Status
d-Limonene	Major Constituent
Myrcene	Naturally Present
α -Pinene	Naturally Present
β -Pinene	Naturally Present
Linalool	Naturally Present
Octanal	Naturally Present
Decanal	Naturally Present
Citral	Naturally Present
Valencene	Naturally Present
Sinensal	Naturally Present

Storage

Store tightly closed in a cool, dry place away from heat, light and oxidising agents.

Shelf Life

24 months from the date of manufacture when stored under recommended conditions.

Conclusion

This material conforms to Aromology's quality specifications for Blood Orange Essential Oil – Tarocco and is suitable for professional perfumery applications.

Batch Number: BOT-260705

Manufacturing Date: 08 February 2026

Retest Date: 08 February 2028

Issue Date: 05 July 2026

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Director