



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT INFORMATION

Parameter	Specification
Product Name	Damask Rose Oil
Alternative Name	Rose Otto, Syrian Damask Rose Oil
Botanical Name	<i>Rosa × damascena</i> Mill.
INCI Name	Rosa Damascena Flower Oil
CAS Number	8007-01-0
EC Number	290-260-3
FEMA Number	2989
Origin	Syria
Harvest	2026 Reserve
Plant Part	Fresh Flowers
Extraction Method	Steam Distillation
Grade	Premium Perfumery Grade
Product Type	Natural Essential Oil

ANALYTICAL SPECIFICATION

Test	Specification	Result
Appearance	Clear liquid or partially crystallised liquid	Conforms
Colour	Colourless to Pale Yellow	Conforms
Odour	Rich, deep rosy, floral, honey-like, slightly spicy	Conforms
Relative Density (20 °C)	0.848–0.880	Conforms
Refractive Index (20 °C)	1.452–1.470	Conforms
Optical Rotation	-5.0° to -1.8°	Conforms
Congealing Point	+16 to +24 °C	Conforms



Flash Point	Approximately 67 °C	Conforms
Solubility	Soluble in ethanol and fixed oils	Conforms
Purity	100% Pure Essential Oil	Conforms

Typical Naturally Occurring Constituents

Constituent	Status
Citronellol	Major Constituent
Geraniol	Major Constituent
Nerol	Major Constituent
Phenethyl Alcohol	Naturally Present
Nonadecane	Naturally Present
Heneicosane	Naturally Present
Farnesol	Naturally Present
Eugenol	Naturally Present
Linalool	Naturally Present
Rose Oxides	Naturally Present

Storage

Store tightly sealed in a cool, dry place away from direct sunlight and excessive heat. Natural crystallisation below room temperature is characteristic of authentic Rose Otto and is fully reversible by gentle warming.

Shelf Life

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

Conclusion

This material conforms to Aromology's quality specifications for Damask Rose Oil and is suitable for professional perfumery, cosmetic and fragrance applications.

Batch Number: DRO-260710

Manufacturing Date: 26 May 2026

Retest Date: 26 May 2029

Issue Date: 10 July 2026

Prepared and Authorised By:

Fozia Khot
Director