



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT INFORMATION

Parameter	Specification
Product Name	Bulgarian Rose Oil
Alternative Name	Rose Otto Bulgaria 2025 Reserve
Botanical Name	<i>Rosa damascena</i> Mill.
INCI Name	Rosa Damascena Flower Oil
CAS Number	8007-01-0
EC Number	290-260-3
Origin	Rose Valley, Bulgaria
Harvest	2025
Plant Part	Fresh Flowers
Extraction Method	Steam Distillation
Grade	Reserve Perfumery Grade
Product Type	Natural Essential Oil

ANALYTICAL SPECIFICATION

Test	Specification	Result
Appearance	Mobile liquid or partially crystallised below 18–20 °C	Conforms
Colour	Pale Yellow to Greenish Yellow	Conforms
Odour	Rich, fresh rose, honey, floral, waxy, spicy	Conforms
Relative Density (20 °C)	0.848–0.880	Conforms
Refractive Index (20 °C)	1.452–1.470	Conforms
Optical Rotation	-5° to +3°	Conforms
Flash Point	>70 °C	Conforms



Solubility	Soluble in ethanol	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
Linalool	Naturally Present
Citral	Naturally Present
Eugenol	Naturally Present
Farnesol	Naturally Present
Nonadecane	Naturally Present
Heneicosane	Naturally Present

Storage

Store tightly sealed in a cool, dry place away from direct sunlight, heat and oxidising agents. The oil may naturally crystallise below approximately 18–20°C due to its stearoptene content. Warm gently before use if required.

Shelf Life

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

Conclusion

This material conforms to Aromology's quality specifications for Bulgarian Rose Oil – 2025 Reserve and is suitable for professional perfumery applications.

Prepared By:

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Director

