



CERTIFICATE OF ANALYSIS (COA)

Aromology Trading LLC
G05 Al Ghazal Building
Nadd Al Hamar
Dubai, United Arab Emirates

Website: www.aromology.com
Email: info@aromology.com
Telephone: +971 505197601

PRODUCT INFORMATION

Item	Details
Product Name	Isparta Mountain Rose Otto
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
Product Type	Essential Oil
Extraction Method	Steam Distillation
Plant Part	Fresh Flowers
Origin	Isparta, Türkiye
Issue Date	18 July 2026

PHYSICAL SPECIFICATIONS

Parameter	Specification	Representative Result
Appearance	Clear pale yellow to light yellow liquid (may crystallise below 20 °C)	Complies
Odour	Rich, fresh, sweet floral rose	Characteristic
Relative Density (25 °C)	0.844–0.868	0.856
Refractive Index (25 °C)	1.452–1.463	1.458
Optical Rotation (25 °C)	-3.3° to -5.9°	-4.6°
Melting Point	16.5–22.5 °C	19.4 °C



Acid Value	1.0–3.8 mg KOH/g	2.1 mg KOH/g
Ester Value	8.4–17.3 mg KOH/g	12.6 mg KOH/g

The physical specification is consistent with the protected geographical specification for Isparta Gülyağı (Isparta Rose Oil PDO).

REPRESENTATIVE GC PROFILE

Naturally Occurring Constituent	Representative Content
Citronellol	28–38%
Geraniol	15–25%
Nerol	5–12%
Nonadecane	10–20%
Heneicosane	3–8%
Linalool	0.5–3%
Farnesol	0.5–2%
Eugenol	Trace–0.5%
Methyl Eugenol	Trace

QUALITY DECLARATION

The representative material:

- Is obtained solely by steam distillation of fresh *Rosa damascena* flowers.
- Contains no added solvents or carrier oils.
- Contains no synthetic fragrance materials.
- Is suitable for professional perfumery and cosmetic manufacture.

STORAGE

Store in tightly sealed amber containers in a cool, dry place away from direct sunlight. Crystallisation below room temperature is a natural characteristic and does not affect quality.

CONCLUSION

The representative material complies with the above specifications. Batch-specific analytical results supplied by the original producer shall take precedence.

Authorised by:

Fozia Khot
Director