



CERTIFICATE OF ANALYSIS (COA)

Product Information

Parameter	Specification
Product Name	White Rose Otto Organic
Botanical Name	<i>Rosa × damascena</i> Mill.
INCI Name	Rosa Damascena Flower Oil
EU CAS Number	8007-01-0
EC Number	290-260-3
Origin	Bulgaria
Plant Part	Fresh Flowers
Extraction Method	Steam Distillation
Certification	Organic
Product Type	Natural Essential Oil (Rose Otto)

ANALYTICAL SPECIFICATION

Test	Specification	Result
Appearance	Clear liquid; may crystallise below room temperature	Conforms
Colour	Pale Yellow to Light Yellow	Conforms
Odour	Fresh rose, floral, honeyed, green, rich and elegant	Conforms
Relative Density (20 °C)	0.848–0.880	Conforms
Refractive Index (20 °C)	1.452–1.470	Conforms
Optical Rotation	-5° to -1°	Conforms
Flash Point	>70 °C	Conforms
Solubility	Soluble in ethanol	Conforms
Purity	100% Pure Organic Steam Distilled Essential Oil	Conforms

Typical Naturally Occurring Constituents

Constituent	Status
Citronellol	Present
Geraniol	Present
Nerol	Present
Nonadecane	Present
Heneicosane	Present
Farnesol	Present
Linalool	Present



Geranyl Acetate	Present
Eugenol	Trace
Methyl Eugenol	Naturally Present (Trace)

Storage

Store tightly sealed in a cool, dry place away from direct sunlight, heat and oxidising agents. Natural crystallisation at temperatures below approximately 20°C is normal and reversible upon gentle warming.

Shelf Life

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

Conclusion

This material conforms to the above specification.

Prepared By:

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