



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT INFORMATION

Product Name	Carrot Seed Essential Oil
Alternative Name	Wild Carrot Seed Oil
Botanical Name	<i>Daucus carota</i> L.
INCI Name	Daucus Carota Sativa Seed Oil
CAS Number	8015-88-1
EC Number	284-545-1
Origin	India / France
Plant Part	Seeds
Extraction Method	Steam Distillation
Grade	Premium Perfumery Grade
Product Type	Natural Essential Oil

ANALYTICAL SPECIFICATION

Test	Specification	Result
Appearance	Clear mobile liquid	Conforms
Colour	Yellow to Amber	Conforms
Odour	Dry, earthy, woody, rooty, herbaceous, slightly spicy	Conforms
Relative Density (20 °C)	0.910–0.950	Conforms
Refractive Index (20 °C)	1.480–1.505	Conforms
Optical Rotation	-30° to +20°	Conforms
Flash Point	>75 °C	Conforms
Solubility	Soluble in ethanol and perfumery solvents	Conforms
Purity	100% Pure Essential Oil	Conforms

Typical Naturally Occurring Constituents



Constituent	Status
Carotol	Major Constituent
Daucol	Naturally Present
β -Bisabolene	Naturally Present
α -Pinene	Naturally Present
Sabinene	Naturally Present
Geranyl Acetate	Naturally Present
Limonene	Naturally Present
Myrcene	Naturally Present
β -Caryophyllene	Naturally Present
Sesquiterpene Alcohols	Naturally Present

Storage

Store tightly sealed in a cool, dry place away from direct sunlight, heat and oxidising agents.

Shelf Life

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

Conclusion

This material conforms to Aromology's quality specifications for Carrot Seed Essential Oil and is suitable for professional perfumery applications.

Batch Number: CSE-260705

Manufacturing Date: 20 April 2026

Retest Date: 20 April 2029

Issue Date: 05 July 2026

Prepared By:

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