



AROM OLOGY

## CERTIFICATE OF ANALYSIS AROM OLOGY TRADING LLC

### Company Information

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### PRODUCT INFORMATION

Parameter	Details
<b>Product Name</b>	Carrot Absolute
<b>Latin Name</b>	<i>Daucus carota</i> L.
<b>Country of Origin</b>	France
<b>Cultivation Method</b>	Conventional
<b>Product Type</b>	Absolute
<b>Extraction Method</b>	Solvent Extraction
<b>Plant Part Used</b>	Seeds
<b>Use</b>	Natural Perfumery
<b>Batch / Lot No.</b>	5
<b>Manufacturing Date</b>	January 2025
<b>Best Before Date</b>	January 2030
<b>Last Analysis Date</b>	January 2025

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### PHYSICAL & CHEMICAL ANALYSIS

Test	Specification Range	Result
<b>Specific Gravity @20 °C</b>	Not Applicable	Not Applicable
<b>Refractive Index @20 °C</b>	1.48 - 1.50	1.4906
<b>Optical Rotation @20 °C</b>	Not Applicable	Not Applicable
<b>Physical Appearance</b>	Viscous mobile liquid	Conforms
<b>Colour</b>	Yellowish brown	Conforms
<b>Odour</b>	Fruity family; apricot, cereal, woody	Conforms
<b>Solubility</b>	Soluble in alcohol and fixed oils	Conforms
<b>Special Use Instructions</b>	Dilute before use	—

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### COMPOSITION

Parameter	Details
<b>Primary Constituents</b>	Carotol, Ethyl Palmitate

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### GC-MS SUMMARY (KEY CONSTITUENTS)

Compound	% GC/FID
Carotol	30.52
Oleic Acid	23.77
Palmitic Acid	11.31
Linoleic Acid	10.56
Ethyl Oleate	3.03
Caryophyllene Oxide	2.01
Daucol	1.53
Beta-Bisabolene	1.61
Beta-Caryophyllene	0.94
Trans- $\alpha$ -Bergamotene	0.57
Cis- $\alpha$ -Bergamotene	0.35
Trans- $\beta$ -Farnesene	0.37
Ethyl Palmitate	0.95



A R O M O L O G Y

<b>Compound</b>	<b>% GC/FID</b>
Ethyl Linoleate	2.24
<b>Total Identified</b>	<b>90.31 %</b>

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#### **COMMENTS**

Odor quality is excellent.

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#### **DECLARATION**

This Absolute is a **100% pure and natural product** and does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge.

The analysis and statements herein constitute the most complete information available to **Aromology Trading LLC**.

This product is guaranteed by Aromology Trading LLC to be of **excellent quality**.

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