



AROM OLOGY

## CERTIFICATE OF ANALYSIS

### AROMOLOGY TRADING LLC

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### PRODUCT INFORMATION

Field	Details
<b>Product Name</b>	D-Carvone Natural Ketone
<b>INCI Name</b>	Carvone
<b>CAS No.</b>	2244-16-8
<b>EC No.</b>	218-827-2
<b>Chemical Formula</b>	C <sub>10</sub> H <sub>14</sub> O
<b>Molecular Weight</b>	150.22 g/mol
<b>Type</b>	Natural Aroma Chemical (Ketone)
<b>Source</b>	Naturally isolated from essential oils (predominantly Spearmint Oil)
<b>Extraction Method</b>	Fractional distillation / Natural isolation
<b>Country of Origin</b>	India
<b>Supplier Batch / Product ID</b>	DCN-260627
<b>Manufacturing Date</b>	June 2026
<b>Best Before Date / Shelf Life</b>	24 Months when stored correctly
<b>Last Analysis Date</b>	June 2026

## TEST RESULTS

Test & Method	Result	Specification
Appearance	Clear colourless to pale yellow liquid	Conforms
Odour	Characteristic sweet minty, spearmint, caraway-like odour	Conforms
Identification (GC)	Positive	Conforms
Assay (GC)	≥99.0%	Min. 99.0%
Specific Gravity @20°C	0.958–0.965	0.955–0.970
Refractive Index @20°C	1.497–1.502	1.495–1.505
Optical Rotation @20°C	+58° to +65°	+55° to +70°
Solubility	Soluble in ethanol and oils; insoluble in water	Conforms

## STORAGE

Store in tightly closed original containers in a cool, dry place, protected from direct sunlight, heat, and sources of ignition.

## NOTES

- Material conforms to Aromology quality specifications.
- Product is intended for professional perfumery, flavour, fragrance, cosmetic and research applications where permitted by applicable regulations.
- Shelf life is dependent upon proper storage conditions.
- Containers should be resealed immediately after use to minimise oxidation and maintain product quality.

### Authorized By:

**Fozia Khot**

Director

**Aromology Trading LLC**

*This is a computer-generated document and does not require a handwritten signature.*