

Certificate of Analysis

Product: Carrot Seed Oil (India)

Botanical Name: *Daucus carota*

Origin: India

Plant Part used: Seed

Extraction: Steam distillation

Physical data	<u>Specification²</u>	<u>Result</u>
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Appearance:	Clear free flowing liquid	Complies
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Colour:	Light Golden to Mid Amber	Complies
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Odour:	Early notes are fresh and sweet, warm carrot notes.	Complies
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Specific Gravity at 20°C:	0.9400 to 0.9608	0.9577
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Refractive index at 20°C:	1.4900 to 1.5000	1.4968
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Optical Rotation:	+15.00 ⁰ to +30.00 ⁰	+21.00 ⁰
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Chromatographic Profile

Sample	Component	Specification² Peak Area¹ (%)	Result Peak Area¹ (%)
<i>Daucus carota</i>	Carotol	60 to 85	79.03