

Certificate of Analysis

Product: Peppermint Oil (India) - 100% Organic ACO/USDA

Botanical Name: *Mentha piperita*

Origin: India

Plant part used: Leaves and lateral

Extraction method: Steam Distilled

Physical data	<u>Specification²</u>	<u>Result</u>
Appearance:	Clear, mobile liquid	Complies
Colour:	Clear to Pale Yellow	Complies
Odour:	Characteristic mint	Complies
Specific Gravity @ 20°C:	0.8950 to 0.9100	0.9073
Refractive Index @ 20°C:	1.4550 to 1.4650	1.4614
Optical Rotation:	-10.00 ⁰ to -33.00 ⁰	-19.15 ⁰

Chromatographic Profile

Sample	Component	Specification² Peak Area¹ (%)	Result Peak Area (%)
<i>Mentha piperita</i>	Menthone	20 to 35	26.41
	Menthol	30 to 40	31.67
	Pulegone	Trace to 3	2.24