

## Certificate of Analysis

Product: Basil Sweet CT Chavicol Oil (India)

Botanical Name: *Ocimum basilicum*

Origin: India

Plant Part used: Flowering plant

Extraction: Steam Distilled

<b>Physical data</b>	<b><u>Specification<sup>2</sup></u></b>	<b><u>Result</u></b>
Appearance:	Clear free flowing liquid	Complies
Colour:	Pale straw to Yellow	Complies
Odour:	Characteristic	Complies
Specific Gravity @ 20°C:	0.9200 to 0.9700	0.9390
Refractive Index @ 20°C:	1.4950 to 1.5200	1.5060
Optical Rotation :	-2.00 <sup>0</sup> to -14.00 <sup>0</sup>	-7.00 <sup>0</sup>

### Chromatographic Profile

<b>Sample</b>	<b>Component</b>	<b>Specification<sup>2</sup> Peak Area<sup>1</sup> (%)</b>	<b>Result Peak Area<sup>1</sup> (%)</b>
<i>Ocimum basilicum</i>	Linalool	10 to 25	22.56
	Methyl chavicol (Estragole)	Min 65	68.80