

Certificate of Analysis

Product: Basil CT Linalool Oil (Egypt) - 100% Organic ACO/USDA
Botanical Name: *Ocimum basilicum*
Origin: Egypt
Plant part used: Flowering herbs
Extraction Method: Steam Distilled

Physical data	<u>Specification²</u>	<u>Result</u>
Appearance:	Clear mobile liquid	Complies
Colour:	Pale yellow to amber yellow	Complies
Odour:	Characteristic	Complies
Specific gravity @ 20 ⁰ C:	0.8830 to 0.9300	0.8984
Refractive Index @ 20 ⁰ C:	1.4490 to 1.4900	1.4747
Optical rotation:	+5.00 ⁰ to -18.00 ⁰	-16.60 ⁰

Chromatographic Profile

Sample	Component	Specification² Peak Area¹ (%)	Result Peak Area¹ (%)
<i>Ocimum basilicum</i>	1,8-Cineole	3 to 15	10.43
	Linalool	45 to 65	46.93
	Methyl chavicol (Estragole)	0.1 to 5	1.21
	Eugenol	1 to 12	5.57