

Certificate of Analysis

Product: Cinnamon Leaf Oil
Botanical Name: *Cinnamomum zeylanicum*
Plant Part Used: Leaves
Extraction: Steam distilled

Physical data	Specification²	Result
Appearance:	Clear free flowing liquid	Complies
Colour:	Golden yellow to mid brown	Complies
Odour:	Characteristic- cinnamon	Complies
Specific Gravity at 20 ⁰ C:	1.030 to 1.060	1.048
Refractive index at 20 ⁰ C:	1.528 to 1.540	1.534
Optical Rotation:	-2.50 ⁰ to +2.5 ⁰	+0.7 ⁰

Chromatographic Profile

Sample	Component	Specification² Peak Area¹ (%)	Result Peak Area (%)
<i>Cinnamomum zeylanicum</i>	Linalool	1 to 6	1.95
	Eugenol	65 to 88	79.32
	b-Caryophyllene	1 to 5	3.22
	Benzyl benzoate	Trace to 5	2.83