

Certificate of Analysis

Product: Cajeput Oil (Indonesia)
Botanical Name: *Melaleuca cajeput*
Origin: Indonesia
Plant Part used: Leaves/twigs
Extraction: Steam distilled

Physical data	<u>Specification</u>²	<u>Result</u>
Appearance:	Clear free flowing liquid	Complies
Colour:	Pale straw to greenish	Complies
Odour:	Characteristic: Camphorous	Complies
Specific Gravity at 20°C:	0.8680 to 0.9210	0.9120
Refractive index at 20°C:	1.4600 to 1.4820	1.4700
Optical rotation:	+5.00 ⁰ to -5.00 ⁰	-4.00 ⁰

Chromatographic Profile

Sample	Component	Specification² Peak Area¹ (%)	Result Peak Area (%)
<i>Melaleuca cajeput</i>	d-Limonene	3 to 10	6.92
	1,8 -Cineole	35 to 75	54.89
	a-Terpineol	Trace to 15	9.41