

Certificate of Analysis

Product: Patchouli Oil - 100% Organic ACO/USDA

Botanical Name: *Pogostemon cablin*

Origin: Sri Lanka

Plant part used: Dried Leaves

Extraction method: Steam Distillation

Physical data	<u>Specification</u>¹	<u>Result</u>
Appearance:	Clear mobile liquid	Complies
Colour:	Amber to Brown	Complies
Odour:	Balsamic, rich with sweet herbaceous aromatic spicy	Complies
Specific Gravity @ 20°C:	0.9330 to 0.9750	0.9553
Refractive Index @ 20°C:	1.5040 to 1.5140	1.5061
Optical Rotation:	-20.00 ⁰ to -60.00 ⁰	-44.95 ⁰

Chromatographic Profile

Sample	Component	Specification Peak Area¹ (%)	Result Peak Area¹ (%)
<i>Pogostemon cablin</i>	b-Caryophyllene	Trace to 6	3.29
	a-Guaiene	5 to 26	15.32
	Seychellene	Trace to 12	7.30
	a-Bulnesene	10 to 30	21.92
	Patchouli alcohol	14 to 35	27.02