

## Certificate of Analysis

Product: Patchouli Oil (Indonesia)  
Botanical Name: *Pogostemon cablin*  
Plant part used: Dried leaves  
Extraction method: Steam Distillation

<b>Physical data</b>	<b><u>Specification<sup>2</sup></u></b>	<b><u>Result</u></b>
Appearance:	Clear mobile liquid	Complies
Colour:	Light to Dark Brown	Complies
Odour:	Rich, woody-balsamic, sweet-herbaceous, aromatic-spicy	Complies
Specific Gravity @ 20°C:	0.930 to 0.983	0.966
Refractive Index @ 20°C:	1.505 to 1.512	1.509
Optical Rotation @ 20°C:	-66° to -40°	-53°

### Chromatographic Profile

<b>Sample</b>	<b>Component</b>	<b>Specification<sup>2</sup> Peak Area<sup>1</sup> (%)</b>	<b>Result Peak Area (%)</b>
<i>Pogostemon cablin</i>	a-Guaiene	10 to 25	13.89
	Seychellene	2 to 15	7.19
	a-Bulnesene	8 to 25	16.44
	Patchouli alcohol	Min 12	31.84