

Certificate of Analysis

Product: Spikenard Oil (India)

Botanical Name: *Nardostachys jatamansi*

Origin: India

Plant part used: Root

Extraction: Steam Distilled

Physical data **Specification²** **Result**

Appearance: Clear to slight hazy free flowing liquid Complies

Colour: Pale Green to Olive Brown Complies

Odour: Characteristic: green, herbal Complies

Specific Gravity at 20°C: 0.9300 to 0.9980 0.9669

Refractive Index at 20°C: 1.4900 to 1.5300 1.5108

Chromatographic Profile

Sample	Component	Specification ² Peak Area ¹ (%)	Result Peak Area ¹ (%)
<i>Nardostachys jatamansi</i>	b-Patchoulene	Trace to 10	3.27
	Aristolene	Trace to 10	2.42
	Valerena- 4,7 (11) diene	Trace to 15	6.60
	Jatamansone	Trace to 15	7.26