

Certificate of Analysis

Product: Frankincense Oil (India)

Botanical Name: *Boswellia serrata*

Physical data	<u>Specification²</u>	<u>Result</u>
Appearance:	Clear free flowing liquid	Complies
Colour:	Pale straw to Yellow	Complies
Odour:	Characteristic	Complies
Specific Gravity at 20°C:	0.835 to 0.889	0.841
Refractive index at 20°C:	1.450 to 1.487	1.460
Optical Rotation :	-15 ⁰ to +35 ⁰	+30 ⁰

Chromatographic Profile

Component	Specification² Peak Area¹ (%)	Result Peak Area (%)
α-Thujene	55 to 80	68.35
α-Pinene	Trace to 10	4.77
α-Phellandrene	Trace to 10	1.84
p-Cymene	Trace to 5	1.44
Limonene	Trace to 5	3.80