

CERTIFICATE OF ANALYSIS

PRODUCT NAME: FRANKINCENSE OIL (INDIA)

COUNTRY OF ORIGIN: INDIA

BOTANICAL NAME: *Boswellia serrata*

TEST (UNIT)	SPECIFICATION	RESULT
APPEARANCE	MOBILE LIQUID	MOBILE LIQUID
COLOUR	COLOURLESS TO YELLOW	ALMOST COLOURLESS
CLARITY	CLEAR, NO FOREIGN MATTER	CLEAR, NO FOREIGN MATTER
ODOUR	STRONG, FRESH, BALSAMIC, TOGETHER WITH DISTINCT LEMON AND UNRIPE APPLE BACK NOTES	CHARACTERISTIC
SPECIFIC GRAVITY @ 20°C	0.835 to 0.860	0.846
OPTICAL ROTATION @ 20°C	+10° to +35°	+30°
REFRACTIVE INDEX @ 20°C	1.450 to 1.470	1.460
CHROMATOGRAPHIC PROFILE		
ALPHA-THUJENE (%)	55 to 80	71
ALPHA-PINENE (%)	Trace to 10	6
ALPHA-PHELLANDRENE (%)	Trace to 10	2
P-CYMENE (%)	Trace to 5	2
LIMONENE (%)	Trace to 5	2