

CERTIFICATE OF ANALYSIS

PRODUCT NAME: FRANKINCENSE OIL

BOTANICAL NAME: *Boswellia serrata*

COUNTRY OF ORIGIN: INDIA

TEST (UNIT)	SPECIFICATION	RESULT
APPEARANCE	MOBILE LIQUID	MOBILE LIQUID
COLOUR	COLOURLESS TO YELLOW	COLOURLESS
CLARITY	CLEAR, NO FOREIGN MATTER	CLEAR, NO FOREIGN MATTER
ODOUR	STRONG, FRESH, BALSAMIC, DISTINCT LEMON AND UNRIPE APPLE BACKNOTES	CHARACTERISTIC
SPECIFIC GRAVITY @ 20°C	0.835 to 0.860	0.838
OPTICAL ROTATION @ 20°C	+10° to +35°	+30°
REFRACTIVE INDEX @ 20°C	1.450 to 1.470	1.459
CHROMATOGRAPHIC PROFILE		
ALPHA-THUJENE (%)	55 to 80	72
ALPHA-PINENE (%)	Trace to 10	5
ALPHA-PHELLANDRENE (%)	Trace to 10	2
P-CYMENE (%)	Trace to 5	2
LIMONENE (%)	Trace to 5	2