

CERTIFICATE OF ANALYSIS

PRODUCT NAME: PATCHOULI OIL - 100% ORGANIC ACO/USDA

BOTANICAL NAME: *Pogostemon cablin*

COUNTRY OF ORIGIN: INDIA

TEST (UNIT)	SPECIFICATION	RESULT
APPEARANCE	SLIGHTLY VISCOUS MOBILE LIQUID	SLIGHTLY VISCOUS MOBILE LIQUID
COLOUR	DARK YELLOW TO REDDISH-BROWN	YELLOW-BROWN
CLARITY	CLEAR, NO FOREIGN MATTER	CLEAR, NO FOREIGN MATTER
ODOUR	RICH, WOODY-BALSAMIC, AROMATIC-SPICY, SWEET HERBACEOUS	CHARACTERISTIC
SPECIFIC GRAVITY @ 20°C	0.952 to 0.975	0.963
OPTICAL ROTATION @ 20°C	-60° to -40°	-50°
REFRACTIVE INDEX @ 20°C	1.505 to 1.515	1.509
CHROMATOGRAPHIC PROFILE		
BETA-CARYOPHYLLENE (%)	Trace to 6.0	3.6
ALPHA-GUAIENE (%)	5.0 to 26.0	15.3
SEYCHELLENE (%)	Trace to 12.0	7.2
ALPHA-BULNESENE (%)	10.0 to 30.0	18.9
PATCHOULI ALCOHOL (%)	14.0 to 35.0	29.2