

CERTIFICATE OF ANALYSIS

PRODUCT NAME: CEDARWOOD VIRGINIAN OIL

BOTANICAL NAME: *Juniperus virginiana*

COUNTRY OF ORIGIN: USA

TEST (UNIT)	SPECIFICATION	RESULT
APPEARANCE	MOBILE LIQUID	MOBILE LIQUID
COLOUR	PALE YELLOW TO GOLDEN YELLOW-BROWN	PALE YELLOW
CLARITY	CLEAR, NO FOREIGN MATTER	CLEAR, NO FOREIGN MATTER
ODOUR	CHARACTERISTIC FRESH, RICH, WOODY	CHARACTERISTIC
SPECIFIC GRAVITY @ 20°C	0.934 to 0.968	0.948
OPTICAL ROTATION @ 20°C	-60° to -18°	-32°
REFRACTIVE INDEX @ 20°C	1.495 to 1.510	1.505
CHROMATOGRAPHIC PROFILE		
ALPHA-CEDRENE (%)	Min 20	29
BETA-CEDRENE (%)	Trace to 15	7
CIS-THUJOPSENE (%)	Min 10	22
CEDROL (%)	Min 14	19