

CERTIFICATE OF ANALYSIS

PRODUCT NAME: CEDARWOOD ATLAS OIL (MOROCCO)

BOTANICAL NAME: *Cedrus atlantica*

COUNTRY OF ORIGIN: MOROCCO

TEST (UNIT)	SPECIFICATION	RESULT
APPEARANCE	MOBILE LIQUID	MOBILE LIQUID
COLOUR	YELLOW TO LIGHT YELLOW-BROWN	YELLOW
CLARITY	CLEAR, NO FOREIGN MATTER	CLEAR, NO FOREIGN MATTER
ODOUR	SWEET, TENACIOUS, SOMEWHAT CAMPHORACEOUS, LASTING WOODY BACKGROUND	CHARACTERISTIC
SPECIFIC GRAVITY @ 20°C	0.925 to 0.960	0.934
OPTICAL ROTATION @ 20°C	+40° to +85°	+81°
REFRACTIVE INDEX @ 20°C	1.506 to 1.517	1.513
CHROMATOGRAPHIC PROFILE		
ALPHA-HIMACHALENE (%)	8 to 25	18
GAMMA- HIMACHALENE (%)	5 to 20	10
BETA- HIMACHALENE (%)	Min 20	48