

CERTIFICATE OF ANALYSIS

PRODUCT NAME: PETITGRAIN OIL (PARAGUAY)
BOTANICAL NAME: *Citrus aurantium ssp amara*
COUNTRY OF ORIGIN: PARAGUAY

TEST (UNIT)	SPECIFICATION	RESULT
APPEARANCE	MOBILE LIQUID	MOBILE LIQUID
COLOUR	PALE YELLOW TO YELLOW-BROWN	PALE YELLOW
CLARITY	CLEAR, NO FOREIGN MATTER	CLEAR, NO FOREIGN MATTER
ODOUR	FRESH, PLEASANT, REMINISCENT OF ORANGE BLOSSOMS WITH WOODY-HERBACEOUS UNDERTONES	CHARACTERISTIC
SPECIFIC GRAVITY @ 20°C	0.878 to 0.910	0.887
OPTICAL ROTATION @ 20°C	-8° to +3°	-4°
REFRACTIVE INDEX @ 20°C	1.450 to 1.470	1.460
CHROMATOGRAPHIC PROFILE		
LINALOOL (%)	15.0 to 30.0	27.6
ALPHA-TERPINEOL (%)	2.0 to 10.0	3.6
NEROL (%)	Trace to 5.0	1.3
LINALYL ACETATE (%)	40.0 to 65.0	50.0