

CERTIFICATE OF ANALYSIS

PRODUCT NAME: LEMON MYRTLE OIL (AUSTRALIA)

BOTANICAL NAME: *Backhousia citriodora*

COUNTRY OF ORIGIN: AUSTRALIA

TEST	SPECIFICATION	RESULT
APPEARANCE	MOBILE LIQUID	MOBILE LIQUID
COLOUR	PALE YELLOW TO YELLOW	PALE YELLOW
CLARITY	CLEAR, NO FOREIGN MATTER	CLEAR, NO FOREIGN MATTER
ODOUR	DELICATE, SWEET, REMINISCENT OF LEMON	CHARACTERISTIC
SPECIFIC GRAVITY @ 20°C	0.878 to 0.898	0.891
OPTICAL ROTATION @ 20°C	-1.5° to +1.5°	+0.1°
REFRACTIVE INDEX @ 20°C	1.476 to 1.496	1.485
CHROMATOGRAPHIC PROFILE		
CITRONELLAL (%)	Trace to 2.5	0.2
NERAL (%)	Min 32.0	36.9
GERANIAL (%)	Min 44.0	46.4
CITRAL- NERAL + GERANIAL (%)	Min 76.0	83.3