

CERTIFICATE OF ANALYSIS

PRODUCT NAME: MANDARIN OIL (AUSTRALIA)
BOTANICAL NAME: *Citrus reticulata*
COUNTRY OF ORIGIN: AUSTRALIA

TEST (UNIT)	SPECIFICATION	RESULT
APPEARANCE	MOBILE LIQUID	MOBILE LIQUID
COLOUR	GOLDEN YELLOW TO REDDY-ORANGE	ORANGE
CLARITY	CLEAR, NO FOREIGN MATTER	CLEAR, NO FOREIGN MATTER
ODOUR	SWEET PLEASANT CITRUS, REMINISCENT OF MANDARIN PEEL	CHARACTERISTIC
SPECIFIC GRAVITY @ 20°C	0.844 to 0.855	0.848
OPTICAL ROTATION @ 20°C	+80° to +100°	+92°
REFRACTIVE INDEX @ 20°C	1.470 to 1.479	1.474
CHROMATOGRAPHIC PROFILE		
BETA-MYRCENE (%)	Trace to 5.0	1.6
D-LIMONENE (%)	Min 80.0	90.9