

CERTIFICATE OF ANALYSIS

PRODUCT NAME: LIME COLD PRESSED OIL

BOTANICAL NAME: *Citrus aurantifolia*

COUNTRY OF ORIGIN: BRAZIL

TEST (UNIT)	SPECIFICATION	RESULT
APPEARANCE	MOBILE LIQUID	MOBILE LIQUID
COLOUR	YELLOW-GREEN TO DARK GREEN-BROWN	DARK OLIVE
CLARITY	CLEAR, NO FOREIGN MATTER	CLEAR, NO FOREIGN MATTER
ODOUR	INTENSELY FRESH, RICH, SWEET PEEL ODOUR REMINISCENT OF LIME	CHARACTERISTIC
SPECIFIC GRAVITY @ 20°C	0.858 to 0.882	0.866
REFRACTIVE INDEX @ 20°C	1.476 to 1.486	1.480
OPTICAL ROTATION @ 20°C	+30° to +53°	+51°
CHROMATOGRAPHIC PROFILE		
ALPHA-PINENE (%)	Trace to 5.0	2.0
SABINENE (%)	Trace to 10.0	1.7
BETA-PINENE (%)	8.0 to 25.0	12.2
MYRCENE (%)	Trace to 5.0	1.5
LIMONENE (%)	35.0 to 65.0	59.4
GAMMA-TERPINENE (%)	5.0 to 17.0	13.4