

CERTIFICATE OF ANALYSIS

PRODUCT NAME: YLANG YLANG EXTRA OIL (MADAGASCAR)

BOTANICAL NAME: *Cananga odorata*

COUNTRY OF ORIGIN: MADAGASCAR

TEST	SPECIFICATION	RESULT
APPEARANCE	MOBILE LIQUID	MOBILE LIQUID
COLOUR	PALE YELLOW TO DARK YELLOW	YELLOW
CLARITY	CLEAR, NO FOREIGN MATTER	CLEAR, NO FOREIGN MATTER
ODOUR	INTENSELY SWEET, SLIGHTLY SPICY, BALSAMIC-FLORAL, RICH CREAMY BACKGROUND AND JASMINE-LIKE OVERTONES	CHARACTERISTIC
SPECIFIC GRAVITY @ 20°C	0.930 to 0.975	0.939
OPTICAL ROTATION @ 20°C	-50.0° to -10.0°	-20.8°
REFRACTIVE INDEX @ 20°C	1.480 to 1.510	1.492
CHROMATOGRAPHIC PROFILE		
METHYL P-CRESYL (%)	2.5 to 18.0	13.8
METHYL BENZOATE (%)	3.0 to 10.5	7.2
BENZYL ACETATE (%)	3.5 to 19.0	5.6
GERANIOL (%)	Trace to 5.0	3.6
GERANYL ACETATE (%)	1.5 to 16.0	10.0
BETA-CARYOPHYLLENE (%)	1.5 to 9.5	5.9
CINNAMYL ACETATE (%)	Trace to 7.5	0.7
GERMACRENE D (%)	3.5 to 22.0	7.4
ALPHA-FARNESENE (%)	Trace to 17.0	2.6
FARNESOL (%)	Trace to 4.5	0.8
BENZYL BENZOATE (%)	2.0 to 9.5	2.8
FARNESYL ACETATE (%)	Trace to 4.5	0.5
BENZYL SALICYLATE (%)	Trace to 5.5	0.6