

CERTIFICATE OF ANALYSIS

PRODUCT NAME: YLANG YLANG COMPLETE OIL (MADAGASCAR) - ACO

BOTANICAL NAME: *Cananga odorata*

COUNTRY OF ORIGIN: MADAGASCAR

TEST (UNIT)	SPECIFICATION	RESULT
APPEARANCE	MOBILE LIQUID	MOBILE LIQUID
COLOUR	PALE YELLOW TO ORANGE-BROWN	PALE YELLOW
CLARITY	CLEAR, NO FOREIGN MATTER	CLEAR, NO FOREIGN MATTER
ODOUR	INTENSELY SWEET, FLORAL, BALSAMIC, JASMINE-LIKE OVERTONES, RICH CREAMY BACKGROUND	CHARACTERISTIC
SPECIFIC GRAVITY @ 20°C	0.905 to 0.960	0.921
OPTICAL ROTATION @ 20°C	-76° to -20°	-47°
REFRACTIVE INDEX @ 20°C	1.495 to 1.515	1.500
CHROMATOGRAPHIC PROFILE		
P-METHYL ANISOLE (%)	Trace to 5	5
METHYL BENZOATE (%)	Trace to 5	2
LINALOOL (%)	Trace to 10	9
BENZYL ACETATE (%)	Trace to 5	1
GERANIOL (%)	Trace to 5	1
GERANYL ACETATE (%)	2 to 10	8
BETA-CARAYOPHYLLENE (%)	5 to 25	16
CINNAMYL ACETATE (%)	Trace to 5	0.4
GERMACRENE D (%)	10 to 30	20
ALPHA-FARNESCENE (%)	5 to 20	11
FARNESOL (%)	Trace to 5	1
BENZYL BENZOATE (%)	2 to 15	4
FARNESYL ACETATE (%)	Trace to 5	1
BENZYL SALICYLATE (%)	Trace to 5	1