

Certificate of Analysis

Product: Ylang Ylang 1st Essential Oil

Botanical Name: *Cananga odorata*

Country of Origin: Madagascar

PHYSICAL AND CHEMICAL PROPERTIES

TEST	SPECIFICATION	RESULT
Appearance	Colourless to pale yellow mobile liquid	Conforms
Odour	Characteristic	Conforms
Specific Gravity	0.9000 to 0.9730 @ 20°C	Conforms
Refractive Index	1.4900 to 1.5200 @ 20°C	Conforms

GAS CHROMATOGRAPH ANALYSIS (TYPICAL)

CONSTITUENT	SPECIFICATION	RESULT
para-methyl-Anisole		1.50%
Clorius		5.21%
Linalool		7.34%
Benzyl acetate		7.09%
α -Terpineol		2.79%
Geraniol		5.11%
Isoeugenol		1.63%
α -Copaene		4.08%
Vanillin		1.29%
(E)-Caryophyllene		9.63%
Isoeugenol		4.20%
α -Humulene		3.79%
γ -Muurolene		2.66%
β -copane		3.98%
Z-, γ - bisabolene		5.59%
δ -Cadinene		2.55%
isopentyl-Salicylate		2.41%
Cadin-4-en-10-ol		1.66%
α - muurolol		1.84%
Benzoin		6.16%
Benzyl salicylate		5.45%
2-methoxy, 1-phenylmethoxy-,		2.57%