

Certificate of Analysis

Product: Ylang Ylang Complete Oil (Madagascar) - Certified Organic ACO/USDA

Botanical Name: *Cananga odorata*

Origin: Madagascar

Plant Part Used: Flowers

Extraction: Steam Distillation

Physical data	<u>Specification²</u>	<u>Result</u>
Appearance:	Clear mobile liquid	Complies
Colour:	Pale yellow to dark yellow	Complies
Odour:	Characteristic, floral	Complies
Specific Gravity at 20°C:	0.9050 to 0.9600	0.9268
Refractive index at 20°C:	1.4950 to 1.5150	1.5017
Optical Rotation:	-20.00 ⁰ to -70.00 ⁰	-44.35 ⁰

Chromatographic Profile

Component	Specification²	Result	Component	Specification²	Result
	Peak Area¹ (%)	Peak Area¹ (%)		Peak Area¹ (%)	Peak Area¹ (%)
Methyl p-cresyl	Trace to 5	2.35	Cinnamyl acetate	Trace to 5	0.51
Methyl benzoate	Trace to 5	1.17	Germacrene D	10 to 30	21.31
Linalool	Trace to 10	5.86	a-Farnescene	5 to 20	12.86
Benzyl acetate	Trace to 5	1.19	Farnesol	Trace to 5	1.65
Geraniol	Trace to 5	0.83	Benzyl benzoate	2 to 15	6.48
Geranyl acetate	2 to 10	7.08	Farnesyl acetate	Trace to 5	1.62
b-Caryophyllene	5 to 25	13.67	Benzyl salicylate	Trace to 5	1.23