

Certificate of Analysis

Product: Ylang Ylang 1st Grade Oil (Madagascar) - Certified Organic ACO/USDA
Botanical Name: *Cananga odorata*
Origin: Madagascar
Plant Part Used: Flowers
Extraction: Steam Distillation

Physical data	<u>Specification¹</u>	<u>Result</u>
Appearance:	Clear mobile liquid	Complies
Colour:	Light amber to Amber	Complies
Odour:	Characteristic, floral	Complies
Specific Gravity at 20°C:	0.9300 to 0.9750	0.9352
Refractive index at 20°C:	1.4900 to 1.5200	1.5003
Optical Rotation:	-15.00 ⁰ to -55.00 ⁰	-38.85 ⁰

Chromatographic Profile

Sample	Component	Specification² Peak Area¹ (%)	Result Peak Area¹ (%)
<i>Cananga odorata</i>	Linalool	Trace to 23	8.78
	Benzyl acetate	Trace to 10	1.95
	b-Caryophyllene	3 to 25	11.99
	Germacrene D	5 to 24	19.83
	Benzyl benzoate	Trace to 14	7.88