



## CERTIFICATE OF ANALYSIS (COA)

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### Product Information

Parameter	Specification
Product Name	Ylang Ylang Essential Oil III CO <sub>2</sub>
Alternative Name	Ylang Ylang III CO <sub>2</sub> Extract
Botanical Name	<i>Cananga odorata</i> (Lam.) Hook.f. & Thomson
INCI Name	Cananga Odorata Flower Oil
CAS Number	8006-81-3
EC Number	281-092-1
Origin	Comoros
Plant Part	Flowers
Extraction Method	Supercritical CO <sub>2</sub> Extraction
Grade	III CO <sub>2</sub> Fraction
Product Type	Natural CO <sub>2</sub> Extract

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### ANALYTICAL SPECIFICATION

Test	Specification	Result
Appearance	Clear mobile liquid	Conforms
Colour	Pale Yellow	Conforms
Odour	Heady, floral, fruity, sweet, soft woody	Conforms
Relative Density (20 °C)	0.890–0.920	Conforms
Refractive Index (20 °C)	1.485–1.505	Conforms
Optical Rotation	-25° to -10°	Conforms
Flash Point	>70 °C	Conforms
Solubility	Soluble in ethanol	Conforms
Purity	100% Natural CO <sub>2</sub> Extract	Conforms

### Typical Naturally Occurring Constituents

Constituent	Status
β-Farnesene	Present
α-Farnesene	Present
Germacrene D	Present
β-Caryophyllene	Present
Benzyl Benzoate	Present
Benzyl Salicylate	Present



Linalool	Present
Benzyl Acetate	Present
Farnesol	Present
Methyl Benzoate	Present

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#### Storage

Store tightly closed in a cool, dry place away from direct sunlight, heat and oxidising agents.

#### Shelf Life

36 months from the date of manufacture when stored under recommended conditions.

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#### Conclusion

This material conforms to the above specification.

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