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FROM MADAGASCAR

TECHNICAL DATA SHEET

YLANG YLANG III ESSENTIAL OIL

Cananga odorata (Lam.) Hook.f. & Thomson

1. PRODUCT IDENTIFICATION

Parameter	Specification
Product Name	Ylang Ylang III Essential Oil
Botanical Name	Cananga odorata (Lam.) Hook.f. & Thomson
Family	Annonaceae
Country of Origin	Madagascar
Part Used	Fresh Flowers
Process	Steam Distillation
Grade	Third Fraction (Ylang Ylang III)
CAS Number	83863-30-3 / 8006-81-3
EINECS Number	281-092-1
FEMA Number	3119

2. DESCRIPTION

100% pure and natural essential oil obtained by steam distillation of fresh flowers of Cananga odorata.

This product corresponds to the Third Fraction (Ylang Ylang III), characterized by a richer, warmer and more persistent aromatic profile than the Extra fractions.

Free from additives, solvents and preservatives.

3. ORGANOLEPTIC CHARACTERISTICS

Parameter	Specification
Appearance	Clear mobile liquid
Color	Yellow to amber yellow
Odor	Rich floral, sweet, balsamic, warm, slightly woody

4. PHYSICAL & CHEMICAL CHARACTERISTICS

Parameter	Specification
Relative Density at 20°C	0.910 – 0.925
Refractive Index at 20°C	1.503 – 1.512
Optical Rotation	−50° to −35°
Flash Point	>100°C

5. MAIN CONSTITUENTS (TYPICAL RANGE)

Constituent	Typical Range (%)
Germacrene D	15.0 – 30.0
β-Caryophyllene	12.0 – 19.0
Linalool	4.0 – 12.0
Geranyl Acetate	3.0 – 8.0
Benzyl Benzoate	4.0 – 9.0

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Benzyl Acetate	0.5 – 2.5
p-Cresyl Methyl Ether	0.5 – 4.0
(E,E)-α-Farnesene	8.0 – 20.0
Benzyl Salicylate	2.0 – 6.0

The composition may vary according to harvest season, geographical origin and batch.

6. PACKAGING

Packed in food-grade HDPE drums, net weight 25 kg.

7. STORAGE CONDITIONS

Store in a cool, dry and well-ventilated place, protected from direct sunlight, heat and moisture, in tightly closed original containers.

8. SHELF LIFE

24 months under recommended storage conditions.

9. REGULATORY COMPLIANCE

This product complies with:

- IFRA Standards (latest revision)
- ISO 9235 – Aromatic Natural Raw Materials
- 100% Pure & Natural Essential Oil
- Suitable for cosmetic, fragrance, aromatherapy and industrial applications