



Certificate of Analysis

CANANGA ODORATA (YLANG YLANG) FLOWER OIL

Product code	: BLPEO1169
Sample designation	: Ylang Ylang Complete Essential Oil
Botanical name	: Cananga odorata var genuina
CAS#	: 8006-81-3 ; 83863-30-3
FEMA#	: 3119
EINECS#	: 281-092-1
Lot number	: 11692107
Geographic origin	: Madagascar
Type of culture	: Organic
Part of the plant used	: Flowers
Extraction method	: Steam distillation
Manufacturing date	: July 2021
Re-test date	: June 2024



ORG/SC/2202/001041

Sensory Check

Feature	Reference	Result
Appearance:	Clear to pale yellow colored liquid	meets
Fragrance:	Intensely sweet, powerful, tropical fruity- floral aroma with soft woody undertone	meets
Color:	Clear to pale yellow	meets
Note classification:	Top to Middle Note, Excellent Fixative	

Analytical Check

Properties	Specifications	Results
Refractive index	1.490 - 1.520 @ 20°C	1.501
Specific gravity (g/mL)	0.905 - 0.960 @ 20°C	0.931
Optical Rotation (°)	-60° to -20°	Conforms
Solubility	Soluble in alcohols and fixed oils Insoluble in water	Conforms
Allergens	Linalool CAS No. 78-70-6 Benzyl benzoate CAS No. 120-51-4 Farnesol CAS No. 4602-84-0 Benzyl salicylate CAS No. 118-58-1 Geraniol CAS No. 106-24-1	24.0% 12.0% 5.0% 4.0% 3.5%

Benzylalcohol CAS No. 100-51-6 0.5%, Eugenol CAS No. 0.5%, Isoeugenol CAS No. 97-54-1 0.5%, Benzyl cinnamate CAS No. 103-41-3 0.1%, Cinnamyl alcohol CAS No. 104-54-1 0.1%, Citronellol CAS No. 106-22-9 0.1%, Limonene CAS No. 5989-27-5 0.1%

Microbial Analyses	Specifications	Standard	Results
Aerobic Mesophilic Bacterial Count	< 100 CFU/g	ISO 21149	Conforms
Yeast and Mould	< 10 CFU/g	ISO 16212	Conforms
Candida albicans	ABSENT / 1g	ISO 18416	Conforms
Escherichia coli	ABSENT / 1g	ISO 21150	Conforms
Pseudomonas aeruginosa	ABSENT / 1g	ISO 22717	Conforms
Staphylococcus aureus	ABSENT / 1g	ISO 12718	Conforms

Heavy Metal Test	Specifications	Standards	Results
Lead: Pb (mg/kg or ppm)	< 10 ppm	n/a	Conforms
Arsenic: As (mg/kg or ppm)	< 2 ppm	n/a	Conforms
Mercury: Hg (mg/kg or ppm)	< 1 ppm	n/a	Conforms

Stability and Storage

Keep in tightly closed containers in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use.

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