



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT IDENTIFICATION

Parameter	Details
Product Name	Palmarosa Essential Oil
Botanical Name	<i>Cymbopogon martinii</i> (Roxb.) Wats. var. <i>motia</i>
INCI Name	Cymbopogon Martini Oil
Product Type	Natural Essential Oil
Plant Part	Aerial Parts (Grass)
Extraction Method	Steam Distillation
CAS Number	8014-19-5
EC Number	283-461-2
FEMA Number	2831
Country of Origin	India
Batch Number	PMR-260722

ORGANOLEPTIC SPECIFICATION

Test	Specification	Representative Result
Appearance	Clear mobile liquid	Conforms
Colour	Colourless to pale yellow	Conforms
Odour	Sweet floral, rosy, fresh, geranium-like	Conforms
Homogeneity	Uniform	Conforms
Foreign Matter	None visible	Conforms

PHYSICO-CHEMICAL SPECIFICATION

Test	Specification	Representative Result
Relative Density (20 °C)	0.880–0.900	0.889



Refractive Index (20 °C)	1.470–1.480	1.474
Optical Rotation	-5° to +2°	-1.2°
Flash Point	>90 °C	96 °C
Solubility in Ethanol (90%)	Soluble	Conforms

REPRESENTATIVE NATURAL COMPOSITION

Constituent	Typical Content
Geraniol	70–85%
Geranyl Acetate	5–15%
Linalool	1–5%
Citral	Trace–1%
Farnesol	Trace–2%
β-Caryophyllene	Trace–3%

QUALITY STATUS

Assessment	Status
Natural Origin	Conforms
Professional Perfumery Grade	Conforms
Added Carrier	None
Added Solvent	None
GMO	Not intentionally used
Animal Derived Material	None
BSE/TSE	Not applicable

STORAGE

Store tightly closed between 5–20 °C, protected from light, heat and air.

SHELF LIFE

24 months under recommended storage conditions.

AUTHORISED BY

Fozia Khot
Director
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