

CERTIFICATE OF ANALYSIS (COA)

PRODUCT NAME: **AMBRETTE SEED ESSENTIAL OIL**
 Botanical Name: Abelmoschus moschatus (syn Hibiscus abelmoschus)
 CAS # 8015-62-1 ; 84455-19-6
 FEMA # 2051
 EINECS # 282-891-8
 INCI Name Hibiscus Abelmoschus Seed Oil

Part Used Seeds
 Extraction Method Steam Distilled Essential Oil
 Quality 100% Pure and Natural
 Note Classification Base Note, Fixative

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance	Pale yellow colored liquid	CONFORMS
Odour	Intensely rich, sweet, musky-floral underscored with animalic notes	CONFORMS
Refractive Index	1.468 - 1.485 @ 25°C	1.475
Specific Gravity (g/mL)	0.885 - 0.917 @ 25°C	0.912
Optical Rotation (°)	0° to +2°	CONFORMS
Solubility	Soluble in alcohols and fixed oils; Insoluble in water	CONFORMS

<u>MICROBIAL ANALYSIS</u>	<u>SPECIFICATIONS</u>	<u>STANDARDS</u>	<u>RESULTS</u>
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 22718	CONFORMS

<u>HEAVY METAL TESTS</u>	<u>SPECIFICATIONS</u>	<u>STANDARDS</u>	<u>RESULTS</u>
Lead: Pb (mg/kg or ppm)	< 10 ppm	na	CONFORMS
Arsenic: As (mg/kg or ppm)	< 2 ppm	na	CONFORMS
Mercury: Hg (mg/kg or ppm)	< 1 ppm	na	CONFORMS

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A-004, New Highway Park E-3 CHSL, Kandivali (E), Mumbai 400 101.

Tel: +91 2870 1974 | 750689 1975 | Email: essentialoilsofindia@gmail.com | www.essentialoilsofindia.com

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