

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	1.460 to 1.500 nD	1.475
Specific Gravity (g/mL)	0.8700 to 0.9500 g/cm ³	0.912
Optical Rotation (°)	- 8° to + 8°	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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