

TECHNICAL DATA SHEET (TDS)

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>
Appearance	Pale yellow colored liquid
Odour	Intensely rich, sweet, musky-floral underscored with animalic notes
Refractive Index	1.460 to 1.500 nD
Specific Gravity (g/mL)	0.8700 to 0.9500 g/cm ³
Optical Rotation (°)	- 8° to + 8°
Solubility	Soluble in alcohols and fixed oils; Insoluble in water

<u>MICROBIAL ANALYSIS</u>	<u>SPECIFICATIONS</u>	<u>STANDARDS</u>
Aerobic Mesophilic Bacterial Count	< 100 CFU/g	ISO 21149
Yeast and Mould	< 10 CFU/g	ISO 16212
Candida albicans	ABSENT / 1g	ISO 18416
Escherichia coli	ABSENT / 1g	ISO 21150
Pseudomonas aeruginosa	ABSENT / 1g	ISO 22717
Staphylococcus aureus	ABSENT / 1g	ISO 22718

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

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