

TECHNICAL DATA SHEET (TDS)

Product Name	FRANKINCENSE SERRATA (INDIAN OLIBANUM) ESSENTIAL OIL
Botanical Name	Boswellia serrata
CAS #	97952-72-2
EINECS #	308-366-6
INCI Name	Boswellia Serrata (Frankincense) Oil

Part Used	Resin (Gum)
Extraction Method	Hydro-Distilled Essential Oil
Quality	100% Pure and Natural
Note Classification	Base Note, Excellent Fixative

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Colorless to pale yellow liquid
Odour	Fresh, warm, resinous, smooth musky- balsamic aroma with slight licorice-like undertones
Refractive Index	1.455 - 1.482 @ 20°C
Specific Gravity (g/mL)	0.840 - 0.860 @ 20°C
Optical Rotation (°)	-26° to +35°
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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