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TECHNICAL DATA SHEET (TDS)

Product Name	MYRRH ESSENTIAL OIL
Botanical Name	Commiphora myrrha
Product Code	PEO1111
CAS #	8016-37-3 ; 84929-26-0
FEMA #	2766
EINECS #	284-510-0
INCI Name	Commiphora Myrrha (Myrrh) Oil

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Amber yellow to brown colored viscous liquid
Odour	Warm, sweet-earthy, smooth, dense aroma
Refractive Index	1.510 - 1.535 @ 20°C ; 1.522
Specific Gravity (g/mL)	0.950 - 1.020 @ 20°C ; 0.998
Optical Rotation (°)	-125° to -50°
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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STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 36 months, quality should be checked before use.

As it is electronically generated document, hence no signature required.

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