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CERTIFICATE OF ANALYSIS (COA)

Product Name	FRANKINCENSE FREREANA OIL
Botanical Name	Boswellia frereana
Product Code	PEO1095
CAS #	8016-36-2 ; 89957-98-2
FEMA #	2816
EINECS #	289-620-2
INCI Name	Boswellia Frereana (Frankincense) Oil

Batch #	10952112
Manufacturing Date	DECEMBER 2021
Best Before Date	NOVEMBER 2023

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>	<u>RESULTS</u>
Appearance	Pale yellow to golden yellow colored liquid	CONFORMS
Odour	Fresh, diffusive, woody-resinous aroma with lemon-citrus top note	CONFORMS
Refractive Index	1.450 - 1.480 @ 20°C	1.466
Specific Gravity (g/mL)	0.840 - 0.880 @ 20°C	0.864
Optical Rotation (°)	-25° to 35°	CONFORMS
Solubility	Soluble in alcohols and fixed oils; Insoluble in water	CONFORMS

Comments	Odour quality is excellent
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<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

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use.

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

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