

## CERTIFICATE OF ANALYSIS (COA)

<b>Product Name</b>	<b>FRANKINCENSE ESSENTIAL OIL</b>
<b>Botanical Name</b>	Boswellia carterii
<b>Product Code</b>	PEO1074
<b>CAS #</b>	8016-36-2 ; 89957-98-2
<b>FEMA #</b>	2816
<b>EINECS #</b>	289-620-2
<b>INCI Name</b>	Boswellia Carterii (Frankincense) Oil

<b>Batch #</b>	10742402
<b>Manufacturing Date</b>	FEBRUARY 2024
<b>Best Before Date</b>	JANUARY 2026

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

<b>PROPERTIES</b>	<b>SPECIFICATIONS</b>	<b>RESULTS</b>
<b>Appearance</b>	Light yellow to pale amber colored liquid	CONFORMS
<b>Odour</b>	Ethereal, woody, balsamic, diffusive aroma with lemony-citrus top notes	CONFORMS
<b>Refractive Index</b>	1.460 - 1.482 @ 20°C	1.474
<b>Specific Gravity (g/mL)</b>	0.860 - 0.892 @ 20°C	0.875
<b>Optical Rotation (°)</b>	-26° to +10°	CONFORMS
<b>Solubility</b>	Soluble in alcohols and fixed oils; Insoluble in water	CONFORMS

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

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

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