



Certificate of Analysis

COPAIFERA OFFICINALIS (BALSAM COPAIBA) RESIN OIL

Product code	: BLPEO1054
Sample designation	: Copaiba Balsam Essential Oil
Botanical name	: <i>Copaifera officinalis</i>
CAS#	: 8001-61-4 ; 8013-97-6
FEMA#	: n/a
EINECS#	: 232-288-0
Lot number	: 115072207
Geographic origin	: Peru
Type of culture	: Organic, Ethically sourced
Part of the plant used	: Natural Oleoresin (Balsam)
Extraction method	: Steam distillation
Manufacturing date	: June 2021
Re-test date	: May 2025



ORG/SC/2202/001041

Sensory Check

Feature	Reference	Result
Appearance:	Pale yellow to brownish yellow colored, slightly viscous liquid	meets
Fragrance:	Sweet, slightly spicy, woody earthy aroma	meets
Color:	Pale yellow to brownish yellow	meets
Note classification:	Base Note, Excellent fixative	

Analytical Check

Properties	Specifications	Results
Refractive index	1.483 - 1.516 @ 20°C	1.494
Specific gravity (g/mL)	0.890 - 0.930 @ 20°C	0.912
Optical Rotation (°)	-33° to -7°	Conforms
Solubility	Soluble in alcohols and fixed oils Insoluble in water	Conforms

Microbial Analyses	Specifications	Standard	Results
Aerobic Mesophilic Bacterial Count	< 100 CFU/g	ISO 21149	Conforms
Yeast and Mould	< 10 CFU/g	ISO 16212	Conforms
<i>Candida albicans</i>	ABSENT / 1g	ISO 18416	Conforms
<i>Escherichia coli</i>	ABSENT / 1g	ISO 21150	Conforms
<i>Pseudomonas aeruginosa</i>	ABSENT / 1g	ISO 22717	Conforms
<i>Staphylococcus aureus</i>	ABSENT / 1g	ISO 12718	Conforms

Heavy Metal Test	Specifications	Standards	Results
Lead: Pb (mg/kg or ppm)	< 10 ppm	n/a	Conforms
Arsenic: As (mg/kg or ppm)	< 2 ppm	n/a	Conforms
Mercury: Hg (mg/kg or ppm)	< 1 ppm	n/a	Conforms

Stability and Storage

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

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

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