



Certificate of Analysis

AMYRIS BALSAMIFERA (AMYRIS) BARK OIL

Product code	: BLPEO1004
Sample designation	: Amyris Essential Oil
Botanical name	: Amyris balsamifera
CAS#	: 8015-65-4 ; 90320-49-3
FEMA#	: n/a
EINECS#	: 291-076-6
Lot number	: 10042107
Geographic origin	: Haiti
Type of culture	: Ethically sourced - Wild harvested
Part of the plant used	: Wood and Branches
Extraction method	: Steam distillation
Re-test date	: June 2024



Sensory Check

Feature	Reference	Result
Appearance:	Pale yellow to amber colored, slightly viscous liquid	meets
Fragrance:	Soft, woody, sweet, balsamic aroma reminiscent of Sandalwood	meets
Color:	Pale yellow to amber	meets
Note classification:	Base Note, Fixative and Sandalwood substitute	

Analytical Check

Properties	Specifications	Results
Refractive index	1.498 - 1.562 @ 20°C	1.515
Specific gravity (g/mL)	0.945 - 0.978 @ 25°C	0.967
Optical Rotation (°)	+15° to +40°	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
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 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 a cool and dry space, 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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