



## Certificate of Analysis

### POGOSTEMON CABLIN (PATCHOULI) LEAVE OIL

Product code	: BLPEO1126
Sample designation	: Patchouli Essential Oil
Botanical name	: Pogostemon cablin
CAS#	: 8014-09-3 ; 84238-39-1
FEMA#	: 2838
EINECS#	: 282-493-4
Lot number	: 11262201
Geographic origin	: Indonesia
Type of culture	: Organic
Part of the plant used	: Leaves
Extraction method	: Steam distillation
Manufacturing date	: January 2022
Re-test date	: December 2025



ORG/SC/2202/001041

#### Sensory Check

Feature	Reference	Result
Appearance:	Brown to reddish brown colored, slightly viscous liquid	meets
Fragrance:	Rich, warm, earthy, sweet-herbaceous aroma	meets
Color:	Brown to reddish brown	meets
Note classification:	Base Note, Fixative	

#### Analytical Check

Properties	Specifications	Results
Refractive index	1.505 - 1.516 @ 20°C	1.512
Specific gravity (g/mL)	0.952 - 0.990 @ 20°C	0.976
Optical Rotation (°)	-65° to -40°	Conforms
Solubility	Soluble in alcohols and fixed oils Insoluble in water	Conforms
Allergens	None	

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 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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