



Certificate of Analysis

NARDOSTACHYS JATAMANSI (SPIKENARD) OIL

Product code	: PEO1148-10 PEO1148-5 PEO1148-2
Sample designation	: Jatamansi Essential Oil
Botanical name	: Nardostachys jatamansi
CAS#	: 8022-22-8 ; 90064-28-1
FEMA#	:
EINECS#	: 290-089-4
Lot number	: B136010
Geographic origin	: Nepal
Type of culture	: Organic
Part of the plant used	: Rhizomes/ Roots
Extraction method	: Steam distillation
Manufacturing date	: February 2022
Re-test date	: January 2026



ORG/SC/2202/001041

Sensory Check

Feature	Reference	Result
Appearance:	Greenish yellow to amber brown colored liquid	meets
Fragrance:	Sweet, resinous, damp earth, mellow spicy aroma	meets
Color:	Greenish yellow to amber brown	meets
Note classification:	Base Note, Excellent Fixative	

Analytical Check

Properties	Specifications	Results
Refractive index	1.495 - 1.510 @ 20°C	1,502
Specific gravity (g/mL)	0.940 - 0.960 @ 20°C	0,952
Optical Rotation (°)	-30° to -10°	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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