



## Certificate of Analysis

### ANGELICA ARCHANGELICA ROOT OIL

Product code	: BLPO1005
Sample designation	: Angelica Essential Oil
Botanical name	: Angelica archangelica
CAS#	: 8015-64-3 ; 84775-41-7
FEMA#	: 2088
EINECS#	: 283-871-1
Lot number	: 10052205
Geographic origin	: France
Type of culture	: Organic
Part of the plant used	: Roots
Extraction method	: Steam distillation
Manufacturing date	: May 2022
Re-test date	: April 2025



ECOCERT FR-BIO-01

### Sensory Check

Feature	Reference	Result
Appearance:	Pale yellow to amber brown colored liquid	meets
Fragrance:	Rich, earthy, green-herbaceous aroma with peppery top notes with good tenacity	meets
Color:	Pale yellow to amber brown	meets
Note classification:	Base to Middle Note	

### Analytical Check

Properties	Specifications	Results
Refractive index	1.470 - 1.4888 @ 20°C	1.476
Specific gravity (g/mL)	0.848 - 0.920 @ 20°C	0.894
Optical Rotation (°)	0° to +41°	Conforms
Solubility	Soluble in alcohols and fixed oils Insoluble in water	Conforms
Allergens	Limonene CAS No. 5989-27-5 Linalool CAS No. 78-70-6	18.0% 0.30%

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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