



CERTIFICATE OF ANALYSIS (COA)

Product Name	LOTUS BLUE (BLUE WATER LILY) ABSOLUTE OIL
Synonyms	BLUE LOTUS OIL BLUE LOTUS ESSENTIAL OIL BLUE LOTUS ABSOLUTE BLUE WATER LILY ABSOLUTE
Botanical Name	Nymphaea caerulea
Product Code	GF3021
CAS #	91723-04-5
EINECS #	294-508-1

Batch #	20212512
Manufacturing Date	DECEMBER 2025
Best Before Date	NOVEMBER 2028

Part Used	Flowers
Quality	100% Pure and Natural
Note	Middle Note

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance	Amber to reddish brown colored, slightly viscous, mobile liquid	CONFORMS
Odour	Intensely floral, earthy, rich, sweet aroma	CONFORMS
Refractive Index	1.475 - 1.495 @ 25°C	1.485
Specific Gravity (g/mL)	0.945 - 0.990 @ 25°C	0.985
Solubility	Soluble in alcohols and fixed oils; Insoluble in water	CONFORMS

Comments	Odour quality is excellent
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<u>MICROBIAL ANALYSIS</u>	<u>SPECIFICATIONS</u>	<u>STANDARDS</u>	<u>RESULTS</u>
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 22718	CONFORMS

<u>HEAVY METAL TESTS</u>	<u>SPECIFICATIONS</u>	<u>STANDARDS</u>	<u>RESULTS</u>
Lead: Pb (mg/kg or ppm)	< 10 ppm	na	CONFORMS
Arsenic: As (mg/kg or ppm)	< 2 ppm	na	CONFORMS
Mercury: Hg (mg/kg or ppm)	< 1 ppm	na	CONFORMS

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 36 months, quality should be checked before use.

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

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