



TECHNICAL DATA SHEET (TDS)

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	PAO2021
CAS #	91723-04-5
EINECS #	294-508-1

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Amber to reddish brown colored, slightly viscous, mobile liquid
Odour	Intensely floral, earthy, rich, sweet aroma
Refractive Index	1.475 - 1.495 @ 25°C
Specific Gravity (g/mL)	0.945 - 0.970 @ 25°C
Solubility	Soluble in alcohols and fixed oils; Insoluble in water

<u>MICROBIAL ANALYSIS</u>	<u>SPECIFICATIONS</u>	<u>STANDARDS</u>
Aerobic Mesophilic Bacterial Count	< 100 CFU/g	ISO 21149
Yeast and Mould	< 10 CFU/g	ISO 16212
Candida albicans	ABSENT / 1g	ISO 18416
Escherichia coli	ABSENT / 1g	ISO 21150
Pseudomonas aeruginosa	ABSENT / 1g	ISO 22717
Staphylococcus aureus	ABSENT / 1g	ISO 22718



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

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use.