

TECHNICAL DATA SHEET (TDS)

Product Name	SPINACH LEAF ABSOLUTE
Synonyms	SPINACH LEAF OIL SPINACH LEAF ESSENTIAL OIL SPINACH LEAF ABSOLUTE
Botanical Name	Spinacia oleracea
Product Code	PAO2032
CAS #	90131-25-2
EINECS #	290-336-6

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Greenish-brown colored, slightly viscous, mobile liquid
Odour	Strong, leafy, characteristic spinach-like odour
Refractive Index	1.474 - 1.496 @ 20°C
Specific Gravity (g/mL)	0.900 - 1.150 @ 20°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

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<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.

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