

TECHNICAL DATA SHEET (TDS)

Product Name	LOVAGE OIL
Botanical Name	Levisticum officinale
Product Code	PEO1183
CAS #	8016-31-7 ; 84837-06-9
FEMA #	2651
EINECS #	284-292-7
INCI Name	Levisticum Officinale (Lovage) Oil

Part Used	Roots and Leaves
Extraction Method	Steam Distilled Essential Oil
Quality	100% Pure and Natural
Note Classification	Middle Note

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Amber yellow to dark brown colored liquid
Odour	Fresh, herbaceous, celery-like, slightly spicy aroma
Refractive Index	1.479 - 1.558 @ 20°C
Specific Gravity (g/mL)	0.950 - 1.062 @ 20°C
Optical Rotation (°)	-1° to +50°
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

Phytos Natur CZ s.r.o.



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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