

TECHNICAL DATA SHEET (TDS)

Product Name	LAVANDIN OIL
Botanical Name	Lavandula x intermedia (syn Lavandula hybrida var Grosso)
Product Code	PEO1094
CAS #	8022-15-9 ; 93455-97-1; 91722-69-9
FEMA #	2618
EINECS #	297-385-2; 294-470-6
INCI Name	Lavandula Hybrida (Lavandin) Oil

Part Used	Flowers
Extraction Method	Steam Distilled Essential Oil
Quality	100% Pure and Natural
Note Classification	Middle to Top Note

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Pale yellow to light amber yellow clear, mobile liquid
Odour	Fresh, camphoraceous, herbal-floral, green aroma
Refractive Index	1.455 - 1.465 @ 20°C
Specific Gravity (g/mL)	0.885 - 0.900 @ 20°C
Optical Rotation (°)	-7° to -3°
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

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