

### CERTIFICATE OF ANALYSIS (COA)

Product Name	LAVANDIN ESSENTIAL OIL
Botanical Name	Lavandula x intermedia (synonym Lavandula hybrida var Grosso)
CAS #	8022-15-9 ; 93455-97-1; 91722-69-9
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>	<u>RESULT</u>
Appearance	Pale yellow to light amber yellow clear, mobile liquid	CONFORMS
Odour	Fresh, camphoraceous, herbal-floral, green aroma	CONFORMS
Refractive Index	1.440 to 1.480 nD	1.459
Specific Gravity (g/mL)	0.8600 to 0.9400 g/cm <sup>3</sup>	0.894
Optical Rotation (°)	-8° to +7°	CONFORMS
Solubility	Soluble in alcohols and fixed oils; Insoluble in water	CONFORMS

<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

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