

CERTIFICATE OF ANALYSIS (COA)

Product Name	Lavender Oil Bulgarian
Botanical Name	Lavandula angustifolia
CAS #	8000-28-0
EINECS #	289-995-2
INCI Name	Lavandula Angustifolia (Lavender) Oil

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

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>	<u>RESULT</u>
Appearance	Pale yellow clear liquid.	CONFORMS
Odour	Floral, sweet, fresh, herbaceous.	CONFORMS
Refractive Index	1.440 to 1.480 @ 20°C	1.461
Specific Gravity (g/mL)	0.8600 to 0.9000 @ 20°C	0.881
Optical Rotation (°)	- 3° to -12°	CONFORMS
Flash Point	71.50C	CONFORMS
Solubility	Soluble in alcohols and fixed oils; Insoluble in water	CONFORMS

<u>Main Constituents by GC</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Linalyl Acetate	25.0 – 46.0%	29.21
Linalool	20.0 – 40.0% (sometimes up to 45%)	31.94
Lavandulyl Acetate	3 – 5%	3.09

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