



CERTIFICATE OF ANALYSIS (COA)

Product Information

Parameter	Specification
Product Name	Valerian Root Essential Oil
Botanical Name	<i>Valeriana officinalis</i> L.
INCI Name	Valeriana Officinalis Root Oil
CAS Number	8008-88-6
EC Number	289-802-2
FEMA Number	3100
Origin	Europe
Plant Part	Roots & Rhizomes
Extraction Method	Steam Distillation
Product Type	Natural Essential Oil

ANALYTICAL SPECIFICATION

Test	Specification	Result
Appearance	Mobile liquid	Conforms
Colour	Pale Yellow to Olive Brown	Conforms
Odour	Warm, woody, balsamic, earthy, rooty, musky	Conforms
Relative Density (20 °C)	0.930–0.980	Conforms
Refractive Index (20 °C)	1.480–1.510	Conforms
Solubility	Soluble in ethanol	Conforms
Purity	100% Pure Steam Distilled Essential Oil	Conforms

Typical Naturally Occurring Constituents

Constituent	Status
Bornyl Acetate	Present
Valerenal	Present
Valerenic Acid Derivatives	Present
Camphene	Present
α -Pinene	Present
β -Pinene	Present
Caryophyllene	Present
Limonene	May be present

Storage



Store in tightly sealed containers in a cool, dry place protected from light and heat.

Shelf Life

36 months from the date of manufacture when stored under recommended conditions.

Conclusion

This product conforms to the above specification.

Prepared By:

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