



CERTIFICATE OF ANALYSIS (COA)

Product Information

Parameter	Specification
Product Name	Verbena Essential Oil
Botanical Name	<i>Aloysia citrodora</i> Paláu (Syn. <i>Lippia citriodora</i> Kunth.)
INCI Name	Lippia Citriodora Leaf Oil
CAS Number	8024-12-2
EC Number	285-515-0
Origin	France
Plant Part	Leaves
Extraction Method	Steam Distillation
Product Type	Natural Essential Oil

ANALYTICAL SPECIFICATION

Test	Specification	Result
Appearance	Mobile liquid	Conforms
Colour	Pale Yellow to Amber Yellow	Conforms
Odour	Fresh, lemony, green, herbaceous	Conforms
Relative Density (20 °C)	0.871–0.897	Conforms
Refractive Index (20 °C)	1.479–1.488	Conforms
Optical Rotation	-5° to +5°	Conforms
Flash Point	Approximately 69–70 °C	Conforms
Solubility	Soluble in ethanol	Conforms
Purity	100% Pure Steam Distilled Essential Oil	Conforms

Typical Naturally Occurring Constituents

Constituent	Typical Presence
Citral (Geranial + Neral)	Present
Limonene	Present
1,8-Cineole	Present
Geraniol	Present
Linalool	Present
β-Caryophyllene	Present
Citronellol	Present
Eugenol	Present



Constituent	Typical Presence
α -Terpineol	Present

Storage

Store in tightly sealed containers in a cool, dry place away from heat and direct sunlight.

Shelf Life

24 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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