



CERTIFICATE OF ANALYSIS (COA)

Product Information

Parameter	Specification
Product Name	Vetiver Essential Oil
Botanical Name	<i>Chrysopogon zizanioides</i> (L.) Roberty (Syn. <i>Vetiveria zizanioides</i>)
INCI Name	Vetiveria Zizanioides Root Oil
CAS Number	8016-96-4
Alternate CAS Number	84238-29-9
EC Number	282-490-8
Origin	India
Plant Part	Roots
Extraction Method	Steam Distillation
Product Type	Natural Essential Oil

ANALYTICAL SPECIFICATION

Test	Specification	Result
Appearance	Clear to slightly viscous liquid	Conforms
Colour	Amber to Dark Brown	Conforms
Odour	Deep woody, earthy, smoky, rooty, balsamic	Conforms
Relative Density (20 °C)	0.990–1.020	Conforms
Refractive Index (20 °C)	1.520–1.535	Conforms
Optical Rotation	+15° to +35°	Conforms
Flash Point	>100 °C	Conforms
Solubility	Soluble in ethanol	Conforms
Purity	100% Pure Steam Distilled Essential Oil	Conforms

Typical Naturally Occurring Constituents

Constituent	Status
Khusimol	Present
α -Vetivone	Present
β -Vetivone	Present
Vetiselinol	Present
Isovalencenol	Present
Khusimene	Present
Vetivenes	Present



Constituent		Status
β-Humulene	Present	
Vetivenyl Vetivenate	Present	

Storage

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

Shelf Life

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

Conclusion

This material conforms to the above specification.

Prepared By:

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