



CERTIFICATE OF ANALYSIS (COA)

Product Information

Parameter	Specification
Product Name	Vetiver Oil CO ₂
Botanical Name	<i>Chrysopogon zizanioides</i> (L.) Roberty (Syn. <i>Vetiveria zizanioides</i>)
INCI Name	Vetiveria Zizanioides Root Extract
CAS Number	8016-96-4
EC Number	282-490-8
Origin	Indonesia
Plant Part	Roots
Extraction Method	Supercritical CO ₂ Extraction
Product Type	Natural CO ₂ Extract

ANALYTICAL SPECIFICATION

Test	Specification	Result
Appearance	Viscous liquid to soft extract	Conforms
Colour	Amber Brown to Dark Brown	Conforms
Odour	Deep woody, earthy, smoky, rooty, rich balsamic vetiver	Conforms
Relative Density (20 °C)	0.990–1.030	Conforms
Refractive Index (20 °C)	1.520–1.540	Conforms
Flash Point	>100 °C	Conforms
Solubility	Soluble in ethanol	Conforms
Purity	100% Pure Supercritical CO ₂ Extract	Conforms

Typical Naturally Occurring Constituents

Constituent	Status
Khusimol	Present
α-Vetivone	Present
β-Vetivone	Present
Vetiselinenol	Present
Isovalencenol	Present
Khusimene	Present



Constituent		Status
Vetivenes		Present
β -Humulene		Present
Vetivenyl Vetivenate		Present

Storage

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

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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