



CERTIFICATE OF ANALYSIS (COA)

Product Information

Parameter	Specification
Product Name	Vetiver Terpenes
Botanical Name	<i>Chrysopogon zizanioides</i> (L.) Roberty
Synonym	<i>Vetiveria zizanioides</i>
INCI Name	Vetiveria Zizanioides Root Oil (Terpene Fraction)
CAS Number	8016-96-4
EC Number	282-490-8
Origin	Haiti
Plant Part	Roots
Production Method	Fractionation of Steam-Distilled Vetiver Essential Oil
Product Type	Natural Terpene Fraction

ANALYTICAL SPECIFICATION

Test	Specification	Result
Appearance	Mobile liquid	Conforms
Colour	Pale Yellow to Amber	Conforms
Odour	Fresh woody, dry, earthy, grapefruit-like, terpene-rich vetiver	Conforms
Relative Density at 20°C	0.930 – 0.980	Conforms
Refractive Index at 20°C	1.495 – 1.515	Conforms
Flash Point	>85°C	Conforms
Solubility	Soluble in ethanol; insoluble in water	Conforms
Purity	Natural vetiver terpene fraction	Conforms

Typical Naturally Occurring Constituents

Constituent	Status
Khusimene	Present
Vetivenes	Present
β-Humulene	Present
Valencene	Present
Sesquiterpene Hydrocarbons	Present
Minor Oxygenated Sesquiterpenes	Present



Storage

Store in tightly sealed containers in a cool, dry place away from heat, light, air 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.

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