



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT INFORMATION

Parameter	Details
Product Name	Patchouli Terpenes
Botanical Name	<i>Pogostemon cablin</i> (Blanco) Benth.
INCI Name	Pogostemon Cablin Leaf Oil
Product Type	Natural Terpene Fraction
Plant Part	Leaves
Production Method	Fractionation of Patchouli Essential Oil
CAS Number	84238-39-1
EC Number	282-493-4
Country of Origin	Spain
Batch Number	PT-SP-260723

ORGANOLEPTIC ANALYSIS

Test	Specification	Representative Result
Appearance	Clear mobile liquid	Conforms
Colour	Colourless to pale yellow	Conforms
Odour	Fresh woody, green, dry patchouli, terpenic	Conforms
Foreign Matter	None visible	Conforms

PHYSICO-CHEMICAL ANALYSIS

Test	Specification	Representative Result
Relative Density (20 °C)	0.890–0.940	0.914
Refractive Index (20 °C)	1.490–1.515	1.5018
Optical Rotation	Batch dependent	–19.6°



Flash Point	55–75 °C	68 °C
Solubility	Soluble in ethanol	Conforms
Appearance after Storage	Clear	Conforms

REPRESENTATIVE GC PROFILE

Constituent	Representative Result
Sesquiterpene Hydrocarbons	69.4%
α -Guaiene	18.2%
Patchoulene Isomers	15.7%
Seychellene	7.3%
β -Caryophyllene	3.2%
Patchouli Alcohol	4.8%
Other Natural Terpenes	Balance

QUALITY STATUS

Assessment	Status
Natural Origin	Conforms
Professional Perfumery Grade	Conforms
Residual Solvents	None Detected
GMO	Not Intentionally Used
Animal Derived Material	None
Vegan Suitable	Yes

STORAGE

Store tightly closed at 5–20 °C, protected from light, heat and air.

SHELF LIFE

24 months under recommended storage conditions.

Authorised By
Fozia Khot
Director
Aromology Trading LLC