



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT INFORMATION

Parameter	Details
Product Name	Priprioca Essential Oil
Botanical Name	<i>Cyperus articulatus</i> L.
INCI Name	Cyperus Articulatus Root Oil
Plant Part	Rhizomes / Underground Roots
Extraction Method	Steam Distillation
Product Type	100% Natural Essential Oil
Origin	Brazil
CAS Number	799259-56-6
Batch Number	PPO-260724

ORGANOLEPTIC PROPERTIES

Test	Specification	Result
Appearance	Clear mobile liquid	Conforms
Colour	Dark golden to amber-brown	Conforms
Odour	Rich leather, earthy, woody, rooty, slightly spicy	Conforms

PHYSICOCHEMICAL ANALYSIS

Parameter	Specification	Representative Result
Relative Density (20 °C)	0.954–0.984	0.968
Refractive Index (20 °C)	1.495–1.510	1.503
Optical Rotation	Batch dependent	+4.1°
Flash Point	>72 °C	73 °C
Solubility	Soluble in ethanol	Conforms

The published supplier SDS reports a relative density of 0.954–0.984 and a flash point of approximately 72.2 °C for Priprioca Essential Oil.



REPRESENTATIVE GC/MS PROFILE

Constituent	Typical Presence
Mustakone (Muskatone)	Major constituent
Cyclocolorenone	Major constituent
α -Pinene	Naturally occurring
β -Pinene	Naturally occurring
Pogostol	Naturally occurring
Caryophyllene Oxide	Naturally occurring
α -Copaene	Naturally occurring
Cyperene	Naturally occurring
α -Cyperone	Naturally occurring
Other Oxygenated Sesquiterpenes	Balance

Published GC/MS studies show that authentic *Cyperus articulatus* oil is dominated by oxygenated sesquiterpenes, with mustakone, cyclocolorenone, α -pinene, pogostol and caryophyllene oxide among the principal constituents.

QUALITY ASSESSMENT

- Botanical Identity: Conforms
- Organoleptic Properties: Conforms
- Physicochemical Properties: Conforms
- GC/MS Identity: Conforms
- Added Carrier Oils: None
- Added Synthetic Materials: None
- GMO Ingredients: Not Intentionally Added
- Professional Perfumery Grade: Conforms

STORAGE

Store tightly closed in a cool, dry location between 15–25°C, protected from heat, light and air.



CONCLUSION

This representative batch complies with the quality specifications for Priprioca Essential Oil – Leather intended for professional fragrance applications.

AUTHORISED BY

Fozia Khot

Director

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