



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT INFORMATION

Parameter	Details
Product Name	Premium White Cognac Essential Oil
Alternative Name	White Cognac Oil; Wine Lees Oil White
Botanical Source	<i>Vitis vinifera</i> L.
INCI Name	Vitis Vinifera Oil
Raw Material	Wine Lees
Extraction Method	Steam Distillation followed by Rectification
Product Type	Natural Aromatic Oil
Origin	France
CAS Number	8016-21-5
EC Number	232-403-4
FEMA Number	2332
Batch Number	PWCO-260724

ORGANOLEPTIC PROPERTIES

Test	Specification	Result
Appearance	Clear liquid	Conforms
Colour	Colourless to pale yellow	Conforms
Odour	Fruity, wine-like, green, fatty, cognac characteristic	Conforms

PHYSICOCHEMICAL ANALYSIS

Parameter	Specification	Representative Result
Relative Density (20 °C)	0.860–0.890	0.871
Refractive Index (20 °C)	1.420–1.440	1.428
Optical Rotation	-5° to +5°	+0.8°
Flash Point	>66 °C	82 °C
Solubility	Soluble in ethanol	Conforms



Commercial fragrance-grade White Cognac Oil is typically reported with a density around 0.870 g/mL and refractive index of approximately 1.428.

REPRESENTATIVE GC/MS PROFILE

Constituent	Typical Range (%)
Ethyl Decanoate	35–50
Ethyl Dodecanoate	15–30
Decanoic Acid	5–15
Ethyl Octanoate	2–10
Lauric Acid	Up to 3
Other Natural Esters & Alcohols	Balance

These representative constituents are consistent with published SDS information for White Cognac Essential Oil.

QUALITY ASSESSMENT

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

STORAGE

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

CONCLUSION

This representative batch complies with the quality specifications for Premium White Cognac Essential Oil (Wine Lees White) intended for professional fragrance applications.

AUTHORISED BY

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