



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT INFORMATION

Premium Sandalwood Oil CO₂

Product Name: Premium Sandalwood Oil CO₂
Botanical Name: *Santalum album* L.
INCI Name: *Santalum Album Wood Oil*
CAS Number: 8006-87-9
EC Number: 616-898-8 / 284-111-1
Origin: Indonesia
Extraction Method: Supercritical CO₂ Extraction
Batch No.: PSC-260713-01

Test	Specification	Result
Appearance	Clear pale yellow to golden yellow liquid	Complies
Odour	Rich, creamy, sweet, woody sandalwood characteristic	Complies
Relative Density (25 °C)	0.965–0.985	0.976
Refractive Index (25 °C)	1.5000–1.5100	1.5058
Optical Rotation	-20° to -15°	-17.6°
Flash Point	>100 °C	108 °C
Total Santalols	≥90%	93.4%
α-Santalol	48–55%	51.2%
β-Santalol	19–25%	21.7%
Solubility	Soluble in ethanol	Complies

Conclusion

This batch of Premium Sandalwood Oil CO₂ complies with the quality specifications established by Aromology Trading LLC and is suitable for professional fragrance, cosmetic and aromatherapy applications.

Authorised by

Fozia Khot
Director
Aromology Trading LLC