



AROMOLOGY

CERTIFICATE OF ANALYSIS (COA)

Supplier: Aromology
Product Name: Sandalwood Australian - Premium
Botanical Name: *Santalum spicatum*
CAS Number: Natural Essential Oil
Product Type: Essential Oil
Extraction Method: Steam Distilled
Plant Part: Heartwood
Country of Origin: Australia
Cultivation Method: Wild Grown
Information derived from uploaded analytical document.

1. Product Information

Parameter	Details
Product Name	Sandalwood Australian - Premium
Botanical Name	<i>Santalum spicatum</i>
Product Type	Essential Oil
Extraction Method	Steam Distilled
Plant Part Used	Heartwood
Country of Origin	Australia
Cultivation Method	Wild Grown
Intended Use	Aromatherapy, Natural Perfumery
SKU	905
Lot Number	19
Manufacturing Date	April 2025
Best Before	April 2035

2. Physical & Analytical Specifications

Test	Specification	Result	Status
Specific Gravity @20°C	0.945 - 0.980	0.958	PASS
Refractive Index @20°C	1.500 - 1.517	1.4955	PASS
Optical Rotation @20°C	-16° to +4°	-4.78°	PASS
Physical Appearance	Transparent liquid	Conforms	PASS
Colour	Pale yellow to bright golden	Conforms	PASS
Odour	Sweet, soft woody	Conforms	PASS
Solubility	Soluble in alcohol and fixed oils	Conforms	PASS

3. Primary Constituents

Compound	Typical Presence
Alpha-Santalol	Present
Cis-Beta-Santalol	Present
Cis-Nuciferol	Present

4. GC/MS Chromatographic Analysis

TR	FID Compound	% GC/FID
4.940	Ethyl alcohol	0.95
9.963	Santene	0.22
24.417	Teresantalic acid	0.35



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TR FID Compound	% GC/FID
27.300 Tricycloekasantalal	0.20
31.391 Alpha cedrene	0.19
31.498 Alpha santalene	1.40
32.070 Trans alpha bergamotene	0.45
32.516 Epi beta santalene	0.98
33.001 Beta santalene	1.32
33.264 Acoradien	0.16
33.547 Ar curcumene	0.51
33.642 Gamma curcumene	0.53
34.823 Beta curcumene	1.03
36.541 Nerolidol	1.92
36.983 Dendrolasin	1.24
38.064 Guaiol	0.18
40.958 Alpha santalol	25.89
41.174 Alpha bisabolol	4.49
41.410 Trans alpha bergamotol	5.57
41.786 Epi beta santalol	2.25
42.277 Beta santalol	9.30
– Trans farnesol	9.81
– Nuciferol	5.39
43.461 Cis-beta-curcumen-12-ol	6.08
43.679 Cis lanceol	2.40
Total Identified Constituents: 82.79%	

5. Storage & Handling

Requirement	Recommendation
Storage Conditions	Store in a cool, dry place away from direct sunlight
Container	Keep tightly sealed
Handling	Dilute before use
Shelf Life	Best before April 2035 under proper storage conditions

6. Statement of Conformity

Aromology certifies that this batch of Sandalwood Australian - Premium Essential Oil conforms to internal quality standards and analytical specifications for natural aromatic raw materials.

7. Authorisation

Approved By	Department
Quality Control Manager Aromology	

8. Supplier Details

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