

Certificate of Analysis

Product: Sandalwood Oil (Australia)
Botanical Name: *Santalum spicatum*
Origin: Australia
Plant Part used: Heart wood
Extraction: Steam distilled

Physical data	Specification²	Result
Appearance:	Clear mobile liquid	Complies
Colour:	Pale yellow to deep yellow	Complies
Odour:	Characteristic	Complies
Specific Gravity at 20°C:	0.9300 to 0.9800	0.957
Refractive index at 20°C:	1.4800 to 1.5200	1.5047
Optical Rotation:	+4.00 ⁰ to -16.00 ⁰	-2.53 ⁰

Chromatographic Profile

Sample	Component	Specification² Peak Area¹ (%)	Result Peak Area¹ (%)
<i>Santalum spicatum</i>	b-Curcumene	Trace to 10	0.72
	a-Santalol	10 to 25	13.86
	a-Bisabolol + z-a-Bergamotol	2 to 15	12.12
	trans, trans Farnesol	2 to 20	11.97
	b-Santalol	Trace to 15	5.72
	E-Nuciferol	2 to 18	11.32
	z-b-Curcumene-12-ol	2 to 15	10.87
	z-Lanceol	Trace to 10	3.67