

Certificate Of Analysis

Product Name:	OLEUM SANTALI
Latin Name	<i>Santalum album</i>
Country of Origin	India
Batch Number	HI/EO/24011901
Mfg. Date	Jan-2024
Exp. Date	Dec-2025
Type	Natural Essential Oil
Grade	Therapeutic Grade/ Fine Perfumery Grade
Use	Aromatherapy, Natural Perfumery

Botanical Name	<i>Santalum album</i>	
Color and Appearance	Pale Golden Yellow, Translucent Liquid	Complies
Odor	Pleasant, Sweet, Woody and Persistent	Complies
Preparation	Oil Is Extracted Steam Distillation Of Heartwood. Super-Heated Steam Is Passed Through Powdered Wood. Steam then carries the oil which is to get sandalwood hydrosol and sandalwood oil.	Complies
Density 25°C	0.9635 – 0.9775 g/cm ³	0.970
Refractive Index 25°C	1.5000 – 1.5100	1.502
Optical Rotation	-15.0 ⁰ to -20.0 ⁰	-18.8
Acid Value (N/2 KOH Solution)	NMT-5.0	4.24
Solubility	Soluble in alcohol & fixed oils, Soluble in 5 volumes of 70% alcohol	Complies
Free Alcohol, Calculated as Santalol (C₁₅H₂₄O), Present by Mass, Min	Min 90.0%	91.7%
Major chemicals constituents by GLC analysis		
a) Alpha-Santalol	46.0 – 52.0 %	47.29%
b) Beta-Santalol	18.0 – 23.0 %	22.53%

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Note : Since it is an herbal product, there is likely to be minor colour variation from batch to batch because of the seasonal variations of the raw materials, Colour not affect the quality and efficacy of the product.