



PHYTOS

Phytos Natur CZ. s.r.o.

TECHNICAL DATA SCHEET (TDS)

Product Name	SANTALOVÉ DŘEVO EO
Botanical Name	Santalum album
CAS #	8006-70-2 / 84787-70-2
ENCIES #	284-211-1
INCI Name	Santalum Album Oil

Origin	India
Part Used	Heartwood
Extraction Method	Steam Distilled Essential Oil
Quality	100 % Pure and Natural
Note Classification	Middle Note

PROPERTIES	SPECIFICATIONS
Appearance	Pale yellow to amber colored, clear slightly viscous liquid
Odor	Very deep, soft, sweet-woody aroma with extremely sweet and creamy-smooth drydown
Refractive Index	1.500 - 1.515 @ 20°C
Specific Gravity (g/mL)	0.965 - 0.985 @ 20°C
Optical Rotation (°)	-21° to -12°
Solubility	Soluble in alcohols and fixed oils; Insoluble in water

MICROBIAL ANALYSIS	SPECIFICATIONS	STANDARDS
Aerobic Mesophilic Bacterial Count	< 100 CFU/g	ISO 21149
Yeast and Mould	< 10 CFU/g	ISO 16212
Candida albicans	ABSENT / 1g	ISO 18416
Escherichia coli	ABSENT / 1g	ISO 21150
Pseudomonas aeruginosa	ABSENT / 1g	ISO 22717
Staphylococcus aureus	ABSENT / 1g	ISO 22718

HEAVY METAL TESTS	SPECIFICATIONS	STANDARDS
Lead: Pb (mg/kg or ppm)	< 10 ppm	na
Arsenic: As (mg/kg or ppm)	< 2 ppm	na
Mercury: Hg (mg/kg or ppm)	< 1 ppm	na

STABILITY AND STORAGE:

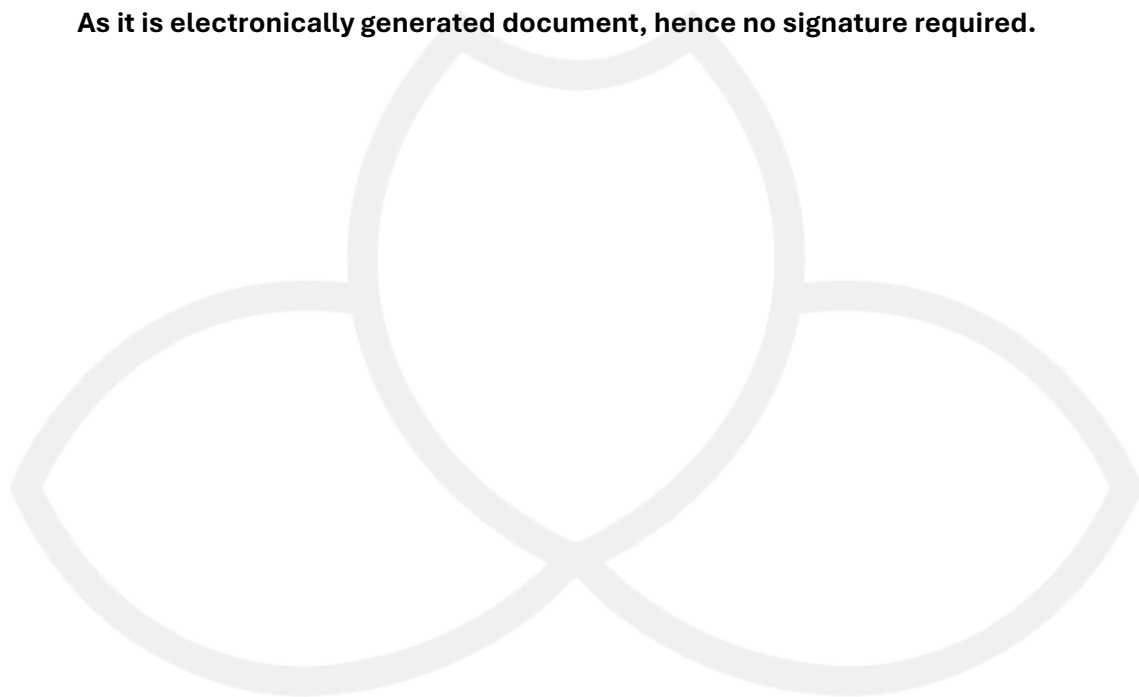
Sensitive to light and oxidation; store in full, tightly closed containers, protected from light. When stored for more than 24 months, quality should be checked before use.



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