

CERTIFICATE OF ANALYSIS (COA)

Product Name	AMYRIS ESSENTIAL OIL
Botanical Name	Amyris balsamifera
CAS #	8015-65-4 ; 90320-49-3
EINECS #	291-076-6
INCI Name	Amyris Balsamifera Bark Oil

Part Used	Wood and Branches
Extraction Method	Steam Distilled Essential Oil
Quality	100% Pure and Natural
Note Classification	Base Note, Fixative and Sandalwood substitute

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>	RESULT
Appearance	Pale yellow to amber colored, slightly	Complies
Odour	Soft, woody, sweet, balsamic aroma reminiscent of	Complies
Refractive Index	1.480 to 1.520 nD	Complies
Specific Gravity (g/mL)	0.9000 to 0.9900 g/cm ³	Complies
Optical Rotation (°)	- 10° to + 7°	Complies
Solubility	Soluble in alcohols and fixed oils;	Complies

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

<u>HEAVY METAL TESTS</u>	SPECIFICATIONS	STANDARDS	RESULT
Lead: Pb (mg/kg or ppm)	< 10 ppm	na	Complies
Arsenic: As (mg/kg or ppm)	<	na	Complies
Mercury: Hg (mg/kg or ppm)	<	na	Complies

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