

CERTIFICATE OF ANALYSIS (COA)

Product Name	CADE ESSENTIAL OIL
Botanical Name	Juniperus oxycedrus
CAS #	8013-10-3 ; 90046-02-9
EINECS #	289-969-0
INCI Name	Juniperus Oxycedrus (Cade) Wood Oil

Part Used	Wood and Twigs
Extraction Method	Steam Distilled Essential Oil
Quality	100% Pure and Natural
Note Classification	Base Note

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance	Amber to dark-brown colored, slightly viscous liquid	CONFORMS
Odour	Smoky, phenolic, tar-like odour	CONFORMS
Refractive Index	1.510 - 1.535 @ 20°C	1.520
Specific Gravity (g/mL)	0.960 - 1.040 @ 20°C	0.997
Optical Rotation (°)	-20° to +1°	CONFORMS
Solubility	Soluble in alcohols and fixed oils; Insoluble in water	CONFORMS

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

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

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