

**CERTIFICATE OF ANALYSIS (COA)**

Product Name	ARMOISE (WHITE WORMWOOD) ESSENTIAL OIL
Botanical Name	Artemisia herba alba
CAS #	84775-75-7 ; 68991-20-8
EINECS #	283-905-5
INCI Name	Artemisia Herba Alba Leaf Oil

Part Used	Leaves and Flowering Tops
Extraction Method	Steam Distilled Essential Oil
Quality	100% Pure and Natural
Note Classification	Middle Note

<b><u>PROPERTIES</u></b>	<b><u>SPECIFICATIONS</u></b>	<b><u>RESULTS</u></b>
Appearance	Pale yellow to brown colored liquid	CONFORMS
Odour	Very fresh, bittersweet-camphoraceous aroma with soft, green	CONFORMS
Refractive Index	1.450 to 1490 nD	1.460
Specific Gravity (g/mL)	0.8800 to 0.9600 g/cm <sup>3</sup>	0.948
Optical Rotation (°)	- 8° to + 7°	CONFORMS
Solubility	Soluble in alcohols and fixed oils; Insoluble in water	CONFORMS

<b><u>MICROBIAL ANALYSIS</u></b>	<b><u>SPECIFICATIONS</u></b>	<b><u>STANDARDS</u></b>	<b><u>RESULTS</u></b>
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

<b><u>HEAVY METAL TESTS</u></b>	<b><u>SPECIFICATIONS</u></b>	<b><u>STANDARDS</u></b>	<b><u>RESULTS</u></b>
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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