



CERTIFICATE OF ANALYSIS (COA)

Product Name	AGARWOOD (OD) ESSENTIAL OIL
Botanical Name	Aquilaria malaccensis (syn Aquilaria agallocha)
Product Code	GF2221
CAS #	94350-09-1 ; 958663-49-5
EINECS #	305-227-1
INCI Name	Aquilaria malaccensis Wood Oil

Batch #	12212512
Manufacturing Date	DECEMBER 2025
Best Before Date	NOVEMBER 2029

Part Used	Heartwood
Extraction Method	Steam Distilled Essential Oil
Quality	100% Pure and Natural
Note Classification	Base Note, Excellent Fixative

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance	Amber to dark brown colored, slightly viscous liquid	CONFORMS
Odour	Sweet, warm, deep, woody aroma with honeyed tobacco, leathery, sensual animalic notes	CONFORMS
Refractive Index	1.455 - 1.525 @ 25°C	1.481
Specific Gravity (g/mL)	0.940 - 0.995 @ 20°C	0.984
Optical Rotation (°)	-10° to +25°	CONFORMS
Solubility	Soluble in alcohols and fixed oils; Insoluble in water	CONFORMS

Comments	Odour quality is excellent
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<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

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 48 months, quality should be checked before use.

As it is electronically generated document, hence no signature required.

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