



CERTIFICATE OF ANALYSIS (COA)

Product Name	TONKA BEAN ABSOLUTE OIL
Synonyms	TONKA BEAN OIL TONKA BEAN ESSENTIAL OIL TONKA BEAN ABSOLUTE
Botanical Name	Dipteryx odorata
Product Code	GF3024
CAS #	8024-04-2 ; 90028-06-1
EINECS #	232-460-5

Batch #	20242510
Manufacturing Date	OCTOBER 2025
Best Before Date	SEPTEMBER 2028

Part Used	Beans
Quality	100% Pure and Natural
Note	Middle to Base Note, Excellent Fixative

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance	Pale brown to dark brown colored thick liquid of pourable viscosity	CONFORMS
Odour	Very rich, sweet and warm, caramel-like aroma	CONFORMS
Refractive Index	1.465 - 1.520 @ 20°C	1.490
Specific Gravity (g/mL)	0.990 - 1.080 @ 25°C	1.022
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 36 months, quality should be checked before use.

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

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