

CERTIFICATE OF ANALYSIS (COA)

Product Name	BERGAMOT OIL
Botanical Name	Citrus aurantium var. bergamia
Product Code	E220
CAS #	8007-75-8 ; 89957-91-5
FEMA #	2153
EINECS #	289-612-9
INCI Name	Citrus Aurantium Bergamia (Bergamot) Fruit Oil

Batch #	10162103
Manufacturing Date	MARCH 2021
Best Before Date	FEBRUARY 2023

Part Used	Peels
Extraction Method	Cold Pressed Essential Oil
Quality	100% Pure and Natural
Note Classification	Top Note

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance	Pale yellow to greenish yellow colored liquid	CONFORMS
Odour	Bright, refreshing, citrus-green aroma with light floral undertones	CONFORMS
Refractive Index	1.464 - 1.469 @ 20°C	1.466
Specific Gravity (g/mL)	0.875 - 0.889 @ 20°C	0.883
Optical Rotation (°)	+5° to +34°	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 24 months, quality should be checked before use.

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

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