



Certificate of Analysis

CITRUS MEDICA LIMONUM (LEMON) PEEL OIL

Product code	: BLPEO1109
Sample designation	: Lemon Essential Oil
Botanical name	: Citrus limonum
CAS#	: 88008-56-8 ; 84929-31-7
FEMA#	: 2625
EINECS#	: 284-515-8
Lot number	: 10972306
Geographic origin	: India
Type of culture	: Organic, Vegan, Ethically sourced
Part of the plant used	: Peels
Extraction method	: Steam distillation
Re-test date	: May 2025



ORG/SC/2202/001041



OCI-5560-220708H-NOP

Sensory Check

Feature	Reference	Result
Appearance:	Pale yellow to slightly greenish yellow colored liquid	meets
Fragrance:	Intense, lemon-fresh, zesty, tangy odour	meets
Color:	Pale yellow to slightly greenish yellow	meets
Note classification:	Top Note	

Analytical Check

Properties	Specifications	Results
Refractive index	1.447 - 1.491 @ 20°C	1.481
Specific gravity (g/mL)	0.849 - 0.860 @ 20°C	0.897
Optical Rotation (°)	-55° to +65°	Conforms
Solubility	Soluble in alcohols and fixed oils Insoluble in water	Conforms

Microbial Analyses	Specifications	Standard	Results
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 12718	Conforms

Heavy Metal Test	Specifications	Standards	Results
Lead: Pb (mg/kg or ppm)	< 10 ppm	n/a	Conforms
Arsenic: As (mg/kg or ppm)	< 2 ppm	n/a	Conforms
Mercury: Hg (mg/kg or ppm)	< 1 ppm	n/a	Conforms

Stability and Storage

Keep in tightly closed containers in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use.

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

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