

# LEMON OIL

### CERTIFICATE OF ANALYSIS

Product Name	LEMON OIL
Botanical Name	Citrus limonum
CAS#	8008-56-8 ; 84929-31-7
FEMA#	2625
EINECS#	284-515-8
INCI Name	Citrus Medica Limonum (Lemon) Peel Oil

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

PROPERTIES	<u>SPECIFICATIONS</u>	RESULTS
Appearance	Pale yellow to slightly greenish yellow colored liquid	CONFORMS
Odour	Intense, lemon-fresh, zesty, tangy odour	CONFORMS
Refractive Index	1.447 - 1.491 @ 20°C	1.475
Specific Gravity (g/mL)	0.849 - 0.860 @ 20°C	0.852
Optical Rotation (°)	+55° to +66°	CONFORMS
Solubility	Soluble in alcohols and fixed oils; Insoluble in water	CONFORMS

Comments	Odour quality is excellent

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#### **CERTIFICATE OF ANALYSIS**

MICROBIAL ANALYSIS	<b>SPECIFICATIONS</b>	STANDARDS	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 22718	CONFORMS

<b>HEAVY METAL TESTS</b>	<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 sunlightWhen stored for more than 24 months, quality should be checked before use.

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