

TECHNICAL DATA SHEET

Sr. No. : UL3000039-V-04
Issue Date: 23/03/2023

QUALITY CONTROL : We declare that certificate of analysis of this material is inspected according to quality parameters as below :

Item Code	UL3000039
Item Name	LEMON OIL



Test Parameters	Specifications	
CAS #	8008-56-8	
EINECS #	284-515-8	
FEMA#	2625	
Botanical Name	Citrus limon	
Description	Yellow to yellow green mobile liquid with characteristic citrus lemon odor.	
Origin	The essential oil is obtained by cold expression from fresh fruits of Citrus limon	
Appearance	Yellow to yellow green	
Physical Status	Liquid	
Flash Point (Closed cup) °C	43°C	
Refractive Index	1.370 - 1.570 @20°C	
Relative Density	0.840 - 0.860 @25°C	
Optical Rotation	+56° to +69°	
Solubility in Alcohol	Soluble	
Solubility in Water	Insoluble	
Assay by GC	D-Limonene: 65-75% Myrcene: 1-3% Citral: max. 2.0%	Pinenes: 8-15% gamma- Terpinene: 5-10%
Shelf Life	12 months with proper storage conditions.	
Legislation	Natural	
Stability	Avoid strong acids strong bases & all oxidizing agents.	
Uses	Fragrance and Flavour application.	

PACKING & STORAGE	Should be stored in cool, dry, well ventilated places in full, tightly sealed containers, protected from light & source of ignition.
HANDLING PRECAUTION	Handle with adequate ventilation Avoiding skin & eye contact. Use goggles or faceshield safety gloves and wear protective clothing.

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