

## TECHNICAL DATA SHEET

**Sr. No. : UL3000051-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 :

<b>Item Code</b>	<b>UL3000051</b>
<b>Item Name</b>	<b>LEMON GRASS OIL</b>



Test Parameters	Specifications				
<b>CAS #</b>	8007-02-1				
<b>EINECS #</b>	295-161-9				
<b>Botanical Name</b>	Cymbopogon citratus				
<b>Description</b>	Pale yellow to yellowish brown mobile liquid with characteristic strong note of citral.				
<b>Origin</b>	This essential oil is obtained by the steam distillation of the grass of Cymbopogon citratus.				
<b>Appearance</b>	Pale yellow to yellowish brown				
<b>Physical Status</b>	Liquid				
<b>Flash Point (Closed cup) °C</b>	71°C				
<b>Refractive Index</b>	1.483 - 1.489 @20°C				
<b>Relative Density</b>	0.885 - 0.905 @20°C				
<b>Optical Rotation</b>	-4° to +1°				
<b>Solubility in Alcohol</b>	1:3 in 70% alcohol				
<b>Solubility in Water</b>	Soluble				
<b>Assay by GC</b>	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Neral: 25-35%</td> <td style="width: 50%;">Geranial: 35-47%</td> </tr> <tr> <td>Geraniol: 1.5-8.0%</td> <td>Geranyl acetate: 0.5-6.0%</td> </tr> </table>	Neral: 25-35%	Geranial: 35-47%	Geraniol: 1.5-8.0%	Geranyl acetate: 0.5-6.0%
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Geraniol: 1.5-8.0%	Geranyl acetate: 0.5-6.0%				
<b>Shelf Life</b>	12 months with proper storage conditions.				
<b>Legislation</b>	Natural				
<b>Stability</b>	Avoid strong acids strong bases & all oxidizing agents.				
<b>Uses</b>	Fragrance and Flavour application.				

<b>PACKING &amp; STORAGE</b>	Should be stored in cool, dry, well ventilated places in full, tightly sealed containers, protected from light & source of ignition.
<b>HANDLING PRECAUTION</b>	Handle in adequate ventilation, Avoid skin and eye contact, use goggles or face shield and wear protective clothing.

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