

## TECHNICAL DATA SHEET

**Sr. No. : UL3000292-V-**
**Issue Date: 18/08/2023**

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

<b>Item Code</b>	<b>UL3000292</b>
<b>Item Name</b>	<b>ROSE OIL</b>



Test Parameters	Specifications						
<b>CAS #</b>	8007-01-0						
<b>EINECS #</b>	290-260-3						
<b>FEMA#</b>	2989						
<b>Botanical Name</b>	Rosa x damascena Mill.						
<b>Description</b>	Yellow mobile liquid with Floral, Sweet, Spicy, Wine and rose like odor.						
<b>Origin</b>	This essential oil is obtained from steam distillation of flower of Rosa x damascena.						
<b>Appearance</b>	Yellow						
<b>Physical Status</b>	Liquid						
<b>Flash Point (Closed cup) °C</b>	>93°C						
<b>Refractive Index</b>	1.452 - 1.470 @20°C						
<b>Relative Density</b>	0.848 - 0.880 @20°C						
<b>Optical Rotation</b>	-5° TO -18°						
<b>Solubility in Alcohol</b>	Soluble						
<b>Solubility in Water</b>	Insoluble						
<b>Assay by GC</b>	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Ethanol: Max. 2.0%</td> <td style="width: 50%;">Phenyl ethyl alcohol: 1 - 3.5%</td> </tr> <tr> <td>Citronellol: 20 - 34%</td> <td>Nerol: 5 - 12%</td> </tr> <tr> <td>Geraniol: 15 - 22%</td> <td></td> </tr> </table>	Ethanol: Max. 2.0%	Phenyl ethyl alcohol: 1 - 3.5%	Citronellol: 20 - 34%	Nerol: 5 - 12%	Geraniol: 15 - 22%	
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Citronellol: 20 - 34%	Nerol: 5 - 12%						
Geraniol: 15 - 22%							
<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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