

TECHNICAL DATA SHEET

Sr. No. : UL3000122-V-04
Issue Date: 20/03/2023

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

Item Code	UL3000122
Item Name	GERANIUM OIL



Test Parameters	Specifications						
CAS #	8000-46-2						
EINECS #	290-140-0						
Botanical Name	Pelargonium graveolens						
Description	Amber yellow to greenish yellow mobile liquid with characteristic rose like, varying minty note.						
Origin	This essential oil is obtained by the steam distillation of the fresh or slightly withered herbaceous parts of Pelargonium graveolens.						
Appearance	Amber yellow to greenish yellow						
Physical Status	Liquid						
Flash Point (Closed cup) °C	79°C						
Refractive Index	1.461 - 1.475 @20°C						
Relative Density	0.885 - 0.905 @20°C						
Optical Rotation	Not Determined						
Solubility in Alcohol	1:3 in 70% alcohol						
Solubility in Water	Soluble						
Assay by GC	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Citronellol: 25-36%</td> <td style="width: 50%;">Citronellyl formate: 4-8%</td> </tr> <tr> <td>Geraniol: 10-18%</td> <td>Linalool: 3-8.5%</td> </tr> <tr> <td>Isomenthone: 4-8%</td> <td></td> </tr> </table>	Citronellol: 25-36%	Citronellyl formate: 4-8%	Geraniol: 10-18%	Linalool: 3-8.5%	Isomenthone: 4-8%	
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Geraniol: 10-18%	Linalool: 3-8.5%						
Isomenthone: 4-8%							
Shelf Life	12 months with proper storage conditions.						
Legislation	Natural						
Stability	Avoid strong acids strong bases & all oxidizing agents.						
Uses	Food/flavour, perfumes, fragrance. & cosmetics, aromatherapy 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 in adequate ventilation, Avoid skin and eye contact, use goggles or face shield and wear protective clothing.

This is a system generated document hence need not be authenticated.

