

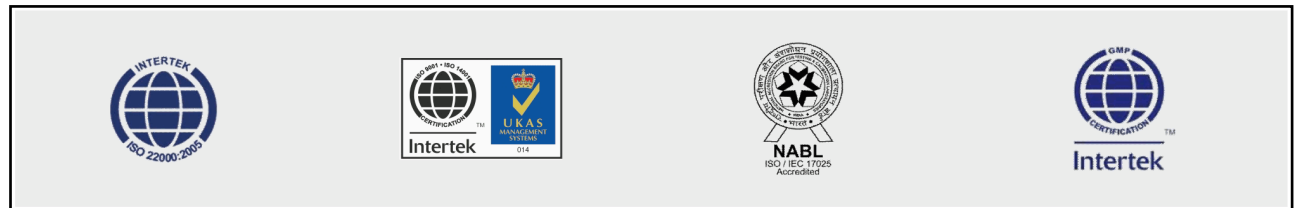
TECHNICAL DATA SHEET

Sr. No. : RM02705-V-03

Issue Date: 23/08/2019

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

Item Code	UIL144178
Item Name	GERANIUM OIL EGYPT



Test Parameters	Specifications								
CAS #	8000-46-2								
FEMA #	2508								
EINECS #	290-140-0								
Botanical Name	Pelargonium graveolens								
Description	Amber yellow to greenish yellow, clear 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								
Refractive Index	1.461 - 1.475 @20°C								
Relative Density	0.885 - 0.905 @25°C								
Optical Rotation	-14° to -8°								
Solubility in Alcohol	1:3 in 70% Alcohol								
Solubility in Water	Insoluble								
Assay by GC	<table border="0"> <tr> <td>Guaia-6,9-diene: 0.0-0.5%</td> <td>Citronellol: 25-36%</td> </tr> <tr> <td>Geraniol: 10-18%</td> <td>Menthone: 0.0-2.1%</td> </tr> <tr> <td>Isomenthone: 4-8%</td> <td>10-epi-gamma-eudesmol: 3-6.2%</td> </tr> <tr> <td>Geranyl formate: 2-7%</td> <td>Geranyl butyrate: 0.7-2.0%</td> </tr> </table>	Guaia-6,9-diene: 0.0-0.5%	Citronellol: 25-36%	Geraniol: 10-18%	Menthone: 0.0-2.1%	Isomenthone: 4-8%	10-epi-gamma-eudesmol: 3-6.2%	Geranyl formate: 2-7%	Geranyl butyrate: 0.7-2.0%
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Geranyl formate: 2-7%	Geranyl butyrate: 0.7-2.0%								
Shelf Life	12 months with proper storage conditions.								
Legislation	Natural								
Stability	Avoid strong acids strong bases & all oxidizing agents.								
Uses	Fragrance Application								

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

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