



PRODUCT SPECIFICATION SHEET –GERANIUM OIL

GENERAL INFORMATION			
INCI Name	Pelargonium graveolens oil		
Botanical source	<u>Pelargonium graveolens</u>		
Botanical family	Geraniaceae		
Description	Geranium oil is obtained by the steam distillation of the Leaves and Twigs of the herb of <u>Pelargonium graveolens</u> .		
Status	Convention/ Organic		
Part of Plant Used	Leaves and stems		
Production Process	Steam distillation		
Origin	Egypt		
Manufacture	Pure Essential Oils & Herbs Co.		
REGULATORY INFORMATION			
FEMA	2508	EINECS	290-140-0
FDA	182.2	CAS EINECS	90082-51-2
CAS TCSA	8000-46-2	Product Code	PSD00100
PRINCIPAL CHEMICAL CONSTITUENTS (by GC %):			
Linalool	3.8 – 8.5	Geraniol	10.0 – 18.0
Citronellol	25.0-37.0	Iso menthone	4.0 - 8.0
10-epi-g-Eudesmol	3.0 – 6.0	Geranyl tiglate	0.9 – 1.3
Geranyl formate	2.5 – 3.1	(Cis+Trans)rose oxide	>1.0
Menthone	<2.0	alpha-Pinene	0.35-0.65
PHYSICAL PROPERTIES			
Appearance	Pale yellow, pale green to amber yellow liquid		
Odour/taste	Sweet rose-like aroma, minty, fresh, geranium leaf		
Relative density @ 20°C	0.860 to 0.905 g/cm ³ -		
Refractive index @ 20°C	1.455 to 1.475		
Optical Rotation @ 20°C	-18° to -7°		
Solubility	Soluble in 3 ml of 70% ethanol		
Ester Value	31 to 81		
Acid Value	Max 10.0 mg KOH/g		
Flash point °C	>100°C		
Shelf Life	24 Months		
Uses	Aromatherapy		

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use

Disclaimer:

The information contained in this specification is based on data considered to be accurate and reliable as at the date of the specification to the best of the supplier's knowledge and belief. It is user's obligation to determine the safe use of the product for its own applications or suitability for use since the conditions of use, handling, storage and disposal are beyond the supplier's control. The user should therefore take all necessary precautions to ensure the safe and suitable use of the product described in the specification

Dr. Emad Taha

Manager Quality Control

Beni-Suef, Egypt.

Approved by:	QA MANAGER	Version: 04	Date: 01.01.2022
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PURE ESSENTIAL OILS & HERBS CO.

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