

PRODUCT IDENTIFICATION	
INCI Name	Pelargonium graveolens oil
Botanical source	Steam distillation from the leaves of <i>Pelargonium graveolens</i>
Botanical family	<i>Geraniaceae</i>
Status	Conventional
Dietary certification(s)	Kosher certified
Part of Plant Used	Leaves and stems
Production	Steam distillation

REGULATORY STATUS	
FEMA	2508
FDA	182.20
CEE	
EINECS	290-140-0
CAS	8000-46-2
TCSA	8000-46-2

PRINCIPAL CHEMICAL CONSTITUENTS			
CITRONELLOL	25.00-36.00%	CITRONELLYL FORMATE	6.5-6.7%
GERANIOL	15.70 - 18.00%	ISOMENTHONE	5.7-6.1%
LINALOOL	0.5-8.6%	10-epi-g-Eudesmol	5.5-5.7%

PHYSICAL PROPERTIES	
1. Physical state	Pale yellow liquid
2. Odor/taste	Sweet. Rose, mentholated, earthy
3. Solubility in water	Insoluble
4. Solubility in Ethanol	Soluble
5. Refractive index @20°C	1.4610 to 1.4730
6. Density @20°C	0.860 to 0.905 g/cm ³
7. Optical Rotation (°)	-14.0 to -8.0
8. Flash point	64°C
9. Acid value	Max 10.0 mgKOH/g

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

We certify that the aforementioned product is 100% pure and natural, is free of any additives, strictly originates from Egyptian raw material, and complies with FCC guidelines

Approved by:	QA	Version:	20 Jan 2016
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