



**FDA No. 11832274032**

### TECHNICAL DATA SHEET

**Product name:**

English name: Geranium Oil  
Botanical name: Pelargonium graveolens

**Product description:**

Origin: EGYPT  
Source of Material: over ground parts of plants.  
Cultivations kind : cultivated conventional

**Manufacturing process:**

Steam distillation.

**Identification numbers:**

CAS No. 8000-46-2  
FEMA No. 9125  
FDA No. 182.2  
H-No. 330121

### SPECIFICATIONS.

**Olfactive properties:**

Appearance: Pale yellow to yellow & greenish yellow.  
Odor: Have a characteristic odor resemble to rose and geraneol.  
Taste: Resemble to leaves of geranium plant taste.

**Chemical-physical properties:**

Impurities: none.  
Water content: nil.  
Refractive index at 20°C: 1.464 – 1.472  
Optical rotation: -8° to -14°  
Density at 20°C: 0.885 - 0.910  
Sol. in alc.70%: 1:(1-4) and more is clear or hazy.

Linalool: 3.5 – 8.5%  
Citronellol: 27 – 35 %  
Geraneol: 10- 19 %

10epi γeudsmol: Not less than 3.5%

**Quality Control**