



NHR ORGANIC OILS

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Gas Liquid Chromatography (GLC) *Certificate of Analysis Sheet* **ORGANIC GERANIUM – Egypt** *PELARGONIUM GRAVEOLENS* **ESSENTIAL OIL**

Product Information

Extraction Method: STEAM DISTILLATION	Parts used: AERIAL PARTS
Quality: 100% PURE & NATURAL	Cultivation: ORGANIC
Supp Code: Fk. Ref : 18046-1	Origin: EGYPT

Analysis Specifications

Relative Density @ 20deg.C: 0.897
Refractive Index @ 20deg.C: 1.468
Flash Point >80deg.C.

Aspect: Mobile Liquid
Colour: pale yellow
Odour: Characteristic, rose like, sweet, minty

Chemical Composition Compound.....%.

Citronellol 33.43
Citronellyl formate 3.18
Geraniol 18.70
Geranyl formate 1.25
Iso-menthone 7.03
Linalool 5.53
Beta caryophyllene 2.97
Geranyl butyrate 1.43
Geranyl tiglate 1.15
(E) Rose oxide 0.59
(Z) Rose oxide 1.17
Citronellyle propionate 1.40
γ-Cadinene 0.78
10-epi-γ-Eudesmol 5.49
Alpha pinene 0.48
Menthone n.d.
Germacrene D 1.29
Citronellyl acetate 0.63

Citronellyl tiglate 0.29
a-Terpineol 0.23
Myrcene 0.30
Limonene 0.18
b-bourbonene 1.68
Sabinene 0.21
b-ocimene (Z) 0.20
Methylheptanone 0.11
a-phellandrene 0.09
linalool oxide (Z) 0.18
Iso menthone 7.03
Nerol 0.64
Neral n.d.
Geranial n.d.
Bornyl acetate 0.34
Geranyl acetate 1.37
a-copaene 0.16
6,9-Guaiadiene 0.37
γ-cadinene 0.78
phenyl ethyl tiglate 1.16
b-eudesmol 0.86