



Hydrosol Report

Common Name

Rose Geranium

Total Volatile Compounds
(Concentration)

213 mg/L

Number of
Components Identified

56

Botanical Name

Pelargonium asperum

Country of Origin **USA**

Adulterated or Contain synthetic Ingredients

ID# 496

CHI1417

Major Components from GC (Full report upon request)

Citronellol	117.38 mg/L
Isomenthone	21.02 mg/L
Isopulegol	12.14 mg/L
1,8-Cineole	9.16 mg/L
Benzodioxole, Hexahydro Dimethyl Mw=156	7.54 mg/L
Citronellic acid	6.33 mg/L
neo-Isopulegol	5.67 mg/L
cis-Rose oxide	3.28 mg/L
Trans-P-Menthan-8-ol	1.85 mg/L
Cis-Myrtanol	1.75 mg/L
Isopulegol	1.32 mg/L

Cis-P-Menthan-8-ol	1.26 mg/L
α -Terpineol	1.24 mg/L
Hexanoic Acid, Anhydride	1.09 mg/L
Dihydrocitronellol	1.09 mg/L
3-Hexen-1-ol	1 mg/L
Menthone + Linalool Trans-Oxide	1 mg/L
Ketone Component	0.94 mg/L
trans-Rose oxide	0.94 mg/L
Furan, Tetrahydro Dimethyl Methylpropyl	0.92 mg/L
5-Hepten-1-ol, 2,6-Dimethyl	0.89 mg/L
Linalool	0.89 mg/L
Pinol	0.87 mg/L



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Terpenic Ketone	0.81 mg/L
2,3-Dehydro-1,8-cineole	0.79 mg/L
Geraniol	0.64 mg/L
Cyclohexane Tetramethyl Isomer	0.62 mg/L
2-Phenylethanol	0.62 mg/L
β -Phenylethyl tiglate	0.6 mg/L
Geranic acid	0.6 mg/L
Menthol	0.55 mg/L
Camphor	0.49 mg/L
Cycloalcohol Isomer	0.49 mg/L
Nonalactone	0.47 mg/L
Piperitone	0.47 mg/L

cis-Linalool oxide (pyranic)	0.43 mg/L
Ketone Compound	0.4 mg/L
Eugenol	0.4 mg/L
Geranial	0.38 mg/L
α -Cadinol	0.38 mg/L
Cyclohexane Tetramethyl Isomer	0.38 mg/L
Furopolargone	0.36 mg/L
Aliphatic Ketone	0.32 mg/L
Cycloalcohol Isomer	0.32 mg/L
Palmitic acid	0.3 mg/L
Aliphatic Ester	0.3 mg/L
Cycloalkyl Component	0.3 mg/L



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3,4-Dimethylcyclohexanol	0.3 mg/L
Terpinen-4-ol	0.28 mg/L
Terpenic Component	0.23 mg/L
Aliphatic Ester	0.23 mg/L
Epoxy Terpenic Acetate	0.23 mg/L
Neral	0.23 mg/L
trans-Pinocarveol	0.21 mg/L
Methyl p-anisate	0.21 mg/L
Aliphatic Ester	0.06 mg/L