



Hydrosol Report

Common Name

Petitgrain

Total Volatile Compounds
(Concentration)

Number of
Components Identified

295 mg/L

86

Botanical Name

Citrus aurantium

Country of Origin **USA**

Adulterated or Contain synthetic Ingredients

ID# **476**

CHI1355

Major Components from GC (Full report upon request)

Linalool	129.65 mg/L
α -Terpineol	92.36 mg/L
Geraniol	20.27 mg/L
Terpinen-4-ol	9.29 mg/L
Nerol	6.73 mg/L
Neral	4.28 mg/L
cis-Linalool oxide (pyranic)	3.45 mg/L
Geranial	3.33 mg/L
trans-Linalool oxide (pyranic)	2.36 mg/L
cis- β -Terpineol	1.89 mg/L
Menthadienol Isomer + Carvone	1.48 mg/L

Hotrienol	1.42 mg/L
E-Ocimenol	1.33 mg/L
2,3-Dehydro-1,8-cineole	1.33 mg/L
Terpenyl Acetate	1.27 mg/L
Dihydroxylinalol A Oxide	1.24 mg/L
1,8-Cineole	0.88 mg/L
trans-p-Menth-1,2-dien-8-ol	0.77 mg/L
Trans-Carveol	0.74 mg/L
Pinol	0.53 mg/L
Nootkatone	0.5 mg/L
Fenchol	0.44 mg/L
Aromatic Component	0.44 mg/L



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Aliphatic Ester	0.3 mg/L
Hexyl acetate	0.3 mg/L
trans-Arbusculon	0.3 mg/L
cis-Carveol	0.27 mg/L
Octan-1-ol	0.27 mg/L
Isopropylidene Methyl Hexadienal	0.27 mg/L
Aromatic Compound	0.24 mg/L
Menthadienol Isomer	0.21 mg/L
1,4-Cineole	0.21 mg/L
cis-Arbusculon	0.21 mg/L
Camphor	0.21 mg/L
Terpinen-1-ol	0.21 mg/L

Aromatic Component	0.21 mg/L
Geranyl acetate	0.21 mg/L
Octanal	0.18 mg/L
Piperitone	0.18 mg/L
p-Cymen-8-ol	0.18 mg/L
Aliphatic Alcohol	0.18 mg/L
Aliphatic Ester	0.18 mg/L
Aliphatic Ester	0.18 mg/L
Citronellol	0.15 mg/L
Cyclopentene Isomer	0.15 mg/L
Hexan-1-ol	0.15 mg/L
Aliphatic Alcohol	0.15 mg/L



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Lilac Aldehyde B	0.15 mg/L
Aliphatic Alcohol	0.15 mg/L
Aromatic Component	0.15 mg/L
Aliphatic Ester	0.15 mg/L
Perillaldehyde	0.15 mg/L
Terpenic Alcohol	0.15 mg/L
Aliphatic Ester	0.12 mg/L
6-Methyl-hept-5-en-2-one	0.12 mg/L
Aliphatic Ester	0.12 mg/L
trans-Linalool oxide (pyranic)	0.12 mg/L
Phenylethyl Ester	0.12 mg/L
Aliphatic Ester	0.12 mg/L

Limonen-10-ol	0.12 mg/L
trans-Isopiperitenol	0.12 mg/L
Aromatic Component	0.09 mg/L
Aliphatic Ester	0.09 mg/L
cis-Linalool oxide (pyranic)	0.09 mg/L
1-Butanol,2-Methyl-, Acetate	0.09 mg/L
2,6-dimethyloct-2,7-diene-1,6-diol	0.09 mg/L
2,6-dimethyloct-7-en-2,6-diol	0.09 mg/L
Aromatic Compound	0.09 mg/L
Aliphatic Ester	0.09 mg/L
Phenylethyl alcohol	0.09 mg/L
Isopulegol	0.09 mg/L



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Aliphatic Ester	0.09 mg/L
Aromatic Component	0.09 mg/L
Lilac Aldehyde A	0.09 mg/L
Aliphatic Alcohol	0.09 mg/L
Hexan-2-one	0.09 mg/L
Carvacrol	0.06 mg/L
Aliphatic Alcohol	0.06 mg/L
Aliphatic Ester	0.06 mg/L
Hexan-3-one	0.06 mg/L
Aliphatic Ester	0.06 mg/L
Capric Acid	0.06 mg/L
Aliphatic Ester	0.06 mg/L

Aromatic Component	0.06 mg/L
Aliphatic Ester	0.06 mg/L
α -Pinene	0.03 mg/L
Limonene	0.03 mg/L
Toluene	0.03 mg/L