



Hydrosol Report

Common Name

Rose

Total Volatile Compounds
(Concentration)

195 mg/L

Number of
Components Identified

62

Botanical Name

Rosa spp

Country of Origin **USA**

Adulterated or Contain synthetic Ingredients

ID# 441

CHI1291

Major Components from GC (Full report upon request)

Geraniol	82.8 mg/L
Citronellol	48.56 mg/L
Nerol	31.36 mg/L
Linalool	6.65 mg/L
Phenylethyl alcohol	5.15 mg/L
Aromatic Component	2.59 mg/L
α -Terpineol	2.22 mg/L
Eugenol	2.2 mg/L
Benzyl alcohol	1.93 mg/L
Methyleugenol	1.52 mg/L
Geranic acid	1.23 mg/L

Farnesol	1.03 mg/L
Geranial	0.62 mg/L
Nerolidol	0.6 mg/L
Neral	0.55 mg/L
cis-Rose oxide	0.35 mg/L
Aromatic Component	0.35 mg/L
τ -Cadinol	0.31 mg/L
Sesquiterpenol	0.31 mg/L
α -Bisabolol	0.25 mg/L
Squalene	0.23 mg/L
trans-Isogeraniol	0.21 mg/L
Sesquiterpenone	0.21 mg/L



Hydrosol Report

Common Name

Rose

Total Volatile Compounds
(Concentration)

195 mg/L

Number of
Components Identified

62

Botanical Name

Rosa spp

Country of Origin USA

Adulterated or Contain synthetic Ingredients

ID# 441

CHI1291

Aromatic Component	0.21 mg/L
cis-Linalool oxide (pyranic)	0.21 mg/L
Heptan-1-ol	0.2 mg/L
trans-Rose oxide	0.18 mg/L
Citronellic acid	0.16 mg/L
Sesquiterpenol	0.16 mg/L
cis-Isogeraniol	0.16 mg/L
trans-Linalool oxide (pyranic)	0.16 mg/L
Geranyl acetate	0.16 mg/L
Aliphatic Alcohol	0.12 mg/L
Spathulenol	0.12 mg/L
Aromatic Component	0.12 mg/L

Caproic acid	0.12 mg/L
Aromatic Component	0.1 mg/L
Aliphatic Alcohol	0.1 mg/L
Heptanal	0.1 mg/L
Aliphatic Ester	0.1 mg/L
Aliphatic Ester	0.08 mg/L
Aliphatic Ester	0.08 mg/L
Aliphatic Ester	0.08 mg/L
Nerol oxide	0.08 mg/L
Isoneral	0.08 mg/L
Lavandulol	0.08 mg/L
Sesquiterpenic Epoxide	0.06 mg/L



Hydrosol Report

Common Name

Rose

Botanical Name

Rosa spp

ID# 441

CHI1291

Total Volatile Compounds
(Concentration)

195 mg/L

Number of
Components Identified

62

Country of Origin USA

Adulterated or Contain synthetic Ingredients

Aliphatic Ester	0.06 mg/L
Aliphatic Alcohol	0.06 mg/L
Benzaldehyde	0.06 mg/L
Hexan-1-ol	0.06 mg/L
6-Methyl-5-Hepten-2-One	0.06 mg/L
Aliphatic Alcohol	0.06 mg/L
Terpinen-4-ol	0.06 mg/L
Citronellyl acetate	0.04 mg/L
Aliphatic Ester	0.04 mg/L
3-Hexen-1-ol	0.04 mg/L
1,8-Cineole	0.04 mg/L
Limonene	0.04 mg/L

Terpenic Acetate	0.04 mg/L
β -Myrcene	0.02 mg/L
Aliphatic Ester	0.02 mg/L