



Hydrosol Report

Common Name

Rose

Total Volatile Compounds
(Concentration)

207 mg/L

Number of
Components Identified

66

Botanical Name

Rosa spp

Country of Origin India

Adulterated or Contain synthetic Ingredients

ID# 458

CHI1313

Major Components from GC (Full report upon request)

Phenylethyl alcohol	73.92 mg/L
Geraniol	35.62 mg/L
Linalool	19.56 mg/L
Geranic acid	16.42 mg/L
Nerol	10.27 mg/L
Citronellol	6.98 mg/L
Benzeneacetic Acid	6.87 mg/L
2,3-Dehydro-1,8-cineole	6.17 mg/L
α -Terpineol	5.65 mg/L
Geranial	4.18 mg/L
Citronellic Acid + Sesquiterpenol	3.29 mg/L

β -Phenylethyl tiglate	3.13 mg/L
Neral	2.32 mg/L
Benzyl alcohol	1.43 mg/L
Eugenol	0.93 mg/L
Bornyl acetate	0.89 mg/L
Benzeneacetaldehyde	0.85 mg/L
P-Mentha-1,2-Dien-8-ol	0.7 mg/L
Menthadienol Isomer	0.64 mg/L
6-Methylheptan-2-one	0.43 mg/L
5-Hepten-2-ol,6-Methyl-	0.43 mg/L
Aliphatic Alcohol	0.37 mg/L
Aliphatic Ester	0.35 mg/L



Hydrosol Report

Common Name

Rose

Botanical Name

Rosa spp

ID# 458

CHI1313

Total Volatile Compounds
(Concentration)

207 mg/L

Number of
Components Identified

66

Country of Origin **India**

Adulterated or Contain synthetic Ingredients

Neric Acid	0.33 mg/L
3-Hexenoic Acid	0.33 mg/L
α -Cadinol	0.23 mg/L
E-Methyleugenol	0.21 mg/L
Geranyl acetate	0.19 mg/L
trans-Piperitol	0.19 mg/L
Isopulegol	0.19 mg/L
Camphor	0.19 mg/L
Caproic acid	0.17 mg/L
Benzoic Acid	0.17 mg/L
cis-Linalool oxide (pyranic)	0.17 mg/L
T-Cadinol + Pelargonic Acid	0.17 mg/L

cis-Rose oxide	0.17 mg/L
Aromatic Compound	0.17 mg/L
Aliphatic Ester	0.14 mg/L
Benzaldehyde	0.14 mg/L
Aliphatic Ester	0.12 mg/L
Nerolidol	0.12 mg/L
Trans-p-2,8-Menthadien-1-ol	0.12 mg/L
cis-p-Mentha α 2,8-dien-1-ol	0.12 mg/L
Ethyl Benzeneacetate	0.1 mg/L
Caprylic Acid	0.1 mg/L
β -Eudesmol	0.1 mg/L
α -Eudesmol	0.1 mg/L



Hydrosol Report

Common Name

Rose

Botanical Name

Rosa spp

ID# 458

CHI1313

Total Volatile Compounds
(Concentration)

207 mg/L

Number of
Components Identified

66

Country of Origin **India**

Adulterated or Contain synthetic Ingredients

Dihydrocitronellol	0.1 mg/L
trans-Anethol	0.1 mg/L
Borneol	0.1 mg/L
trans-Linalool oxide (pyranic)	0.1 mg/L
neo-Isopulegol	0.08 mg/L
trans-Isopiperitenol	0.08 mg/L
Terpinen-4-ol	0.08 mg/L
2-Hexenoic Acid	0.08 mg/L
Aliphatic Ester	0.08 mg/L
Aliphatic Ester	0.06 mg/L
α -Muurolol	0.06 mg/L
Octan-1-ol	0.06 mg/L

Myrtenol	0.06 mg/L
Benzyl acetate	0.06 mg/L
Nerol oxide	0.04 mg/L
trans-Rose oxide	0.04 mg/L
Ketone Compound	0.04 mg/L
3-Hexen-1-ol	0.04 mg/L
Aliphatic Ester	0.04 mg/L