



Hydrosol Report

Common Name

Frankincense

Total Volatile Compounds
(Concentration)

718 mg/L

Number of
Components Identified

158

Botanical Name

Boswellia neglecta

Country of Origin

ID# 460

CHI1315

Adulterated or Contain synthetic Ingredients

Major Components from GC (Full report upon request)

Verbenone	95.57 mg/L
trans-p-Menth-1,2-dien-8-ol	75.1 mg/L
trans-Pinocarveol	65.98 mg/L
m-Cymen-8-ol	46.1 mg/L
p-Cymen-8-ol	37.41 mg/L
Verbenol	35.61 mg/L
Terpinen-4-ol	31.45 mg/L
cis-p-Menth-1,2-dien-8-ol	29.08 mg/L
α -Terpineol	26.71 mg/L
Trans-Carveol	19.89 mg/L
Myrtenol	17.45 mg/L

Menthadienol Isomer	15.87 mg/L
Nopinone	12.64 mg/L
cis-Linalool oxide	12.13 mg/L
Piperitenone	11.06 mg/L
trans-Linalool oxide (pyranic)	9.48 mg/L
6-Methyl,3,5-Heptadiene-2-One	8.04 mg/L
trans-Isopiperitenol	7.32 mg/L
Camphor	6.68 mg/L
Linalool	5.53 mg/L
Myrtenal	4.38 mg/L
Dehydrosabinacetone	4.02 mg/L
Borneol	3.88 mg/L



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Aliphatic Ester	3.23 mg/L
trans-Piperitol	3.02 mg/L
Carvone	2.94 mg/L
Cryptone	2.94 mg/L
Dimethyl Cyclohexenyl Methyl Cetone	2.87 mg/L
Aliphatic Ester	2.8 mg/L
Sabinacetone	2.8 mg/L
cis-p-Mentha α 2,8-dien-1-ol	2.58 mg/L
Trans-p-2,8-Menthadien-1-ol	2.51 mg/L
Aromatic Component	2.51 mg/L
p-Methylacetophenone	2.44 mg/L
α -Campholenal	2.3 mg/L

2-Acetylcyclopentanone	2.23 mg/L
trans-Sabinol	2.08 mg/L
Aromatic Compound	2.08 mg/L
Terpenic Ketone	2.08 mg/L
Aromatic Component	2.01 mg/L
1,8-Cineole	1.94 mg/L
Pinocamphone	1.8 mg/L
2-Methoxy-5-Methylphenol	1.8 mg/L
Aromatic Component	1.72 mg/L
Aromatic Compound	1.65 mg/L
Aromatic Compound	1.65 mg/L
Aromatic Compound	1.58 mg/L



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trans-p-Menth-2-en-1-ol	1.58 mg/L
Aliphatic Alcohol	1.58 mg/L
Menthadienol Isomer	1.51 mg/L
Pinocarvone	1.51 mg/L
Aromatic Compound	1.51 mg/L
cis-Carveol	1.44 mg/L
Neral	1.44 mg/L
Umbellulone	1.44 mg/L
Nopinone Isomer	1.44 mg/L
Aromatic Compound	1.36 mg/L
Aliphatic Ester	1.36 mg/L
Dehydrosabinacetone	1.36 mg/L

Sabinol Isomer	1.36 mg/L
Aromatic Component	1.29 mg/L
Aliphatic Alcohol	1.29 mg/L
Pinol	1.29 mg/L
Ketone Compound	1.22 mg/L
Cuminol	1.22 mg/L
Aromatic Compound	1.22 mg/L
Aliphatic Alcohol	1.22 mg/L
Aromatic Compound	1.22 mg/L
Menthadienol Isomer	1.22 mg/L
Terpenic Alcohol	1.22 mg/L
Terpenic Ketone	1.22 mg/L



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Aromatic Component	1.15 mg/L
Aliphatic Alcohol	1.08 mg/L
Aromatic Compound	1.08 mg/L
Thujadiene	1.08 mg/L
Aliphatic Alcohol	1.08 mg/L
Aromatic Component	1.01 mg/L
Benzaldehyde	1.01 mg/L
Aliphatic Ester	1.01 mg/L
p-Cresol	0.93 mg/L
Isophorone	0.93 mg/L
5-Hepten-2-ol,6-Methyl-	0.93 mg/L
Aliphatic Alcohol	0.93 mg/L

Aromatic Component	0.86 mg/L
2-Butanal,3-Methyl	0.86 mg/L
6-Methylheptan-2-one	0.86 mg/L
2-Cyclopenten-1-One,3,4,4-Trimethyl	0.86 mg/L
Aliphatic Alcohol	0.86 mg/L
Aliphatic Ester	0.86 mg/L
Benzyl alcohol	0.86 mg/L
Perillic Alcohol	0.79 mg/L
Menthadienol Isomer	0.79 mg/L
Aliphatic Ester	0.72 mg/L
6-Methyl-3,5-Heptadiene-2-One	0.72 mg/L
β -Pinocamphone	0.72 mg/L



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Terpenic Alcohol	0.72 mg/L
Pinadiene	0.72 mg/L
5-Hexen-2-One,5-Methyl	0.72 mg/L
Aromatic Component	0.72 mg/L
3-Ethylidodecycloheptene	0.72 mg/L
Aliphatic Ketone	0.65 mg/L
Camphenilone	0.65 mg/L
Aromatic Component	0.65 mg/L
Aliphatic Ester	0.65 mg/L
Camphenone	0.65 mg/L
Aliphatic Ester	0.65 mg/L
Aromatic Compound	0.57 mg/L

Cyclodecene Isomer	0.57 mg/L
2-Hexen-1-ol, Acetate	0.57 mg/L
Aliphatic Alcohol	0.57 mg/L
P-Cuminol	0.57 mg/L
cis-Linalool oxide (pyranic)	0.57 mg/L
Aromatic Component	0.57 mg/L
Aromatic Component	0.5 mg/L
Aliphatic Ketone	0.5 mg/L
Sesquiterpenic Epoxide	0.5 mg/L
Terpenic Alcohol	0.43 mg/L
Aliphatic Ester	0.43 mg/L
Campholenal Isomer	0.43 mg/L



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Terpenic Ketone	0.43 mg/L
Aliphatic Ester	0.43 mg/L
Aliphatic Alcohol	0.43 mg/L
Aromatic Component	0.43 mg/L
Ketone Compound	0.43 mg/L
Aromatic Compound	0.43 mg/L
Aromatic Compound	0.43 mg/L
Aromatic Compound	0.43 mg/L
Menthatriene Isomer	0.36 mg/L
2,4-Dimethylphenyl Alcohol	0.36 mg/L
Terpenic Alcohol	0.36 mg/L
Fenchol	0.36 mg/L

Carvacrol	0.36 mg/L
p-Cymene	0.36 mg/L
Aromatic Component	0.29 mg/L
3-Hexen-2-One	0.29 mg/L
Thymol	0.29 mg/L
Aromatic Component	0.29 mg/L
Aromatic Component	0.29 mg/L
Aliphatic Ester	0.22 mg/L
Hexenyl Ester	0.22 mg/L
Cyclodecene Isomer	0.22 mg/L
Aliphatic Ester	0.22 mg/L
Cyclooctane	0.22 mg/L



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Aliphatic Ester	0.22 mg/L
Myrtenoic Acid	0.22 mg/L
Aromatic Compound	0.22 mg/L
Methylparacresol	0.14 mg/L
Aromatic Component	0.14 mg/L
5-Hexen-2-One	0.14 mg/L
2,4-Pentanedione,3-Methyl	0.14 mg/L
Methyl Isobutyl Ketone	0.14 mg/L
2-Hexen-1-ol	0.14 mg/L
Toluene	0.14 mg/L
Aromatic Component	0.07 mg/L
Cyclohexyl Ester	0.07 mg/L

Hexan-1-ol	0.07 mg/L
Methyl Pentene Isomer	0.07 mg/L
Aromatic Component	0.07 mg/L