



Hydrosol Report

Common Name

Frankincense

Total Volatile Compounds
(Concentration)

153 mg/L

Number of
Components Identified

92

Botanical Name

Boswellia sacra (Syn B. carterii)

Country of Origin **Africa**

Adulterated or Contain synthetic Ingredients

ID# 490

CHI1408

distilled on homemade still

Major Components from GC (Full report upon request)

trans-Verbenol	23.24 mg/L
Terpinen-4-ol	15.82 mg/L
α -Terpineol	11.49 mg/L
trans-Sabinol	8.66 mg/L
trans-p-Menth-1,2-dien-8-ol	6.81 mg/L
δ -Terpineol	6.64 mg/L
Linalool	6.32 mg/L
Verbenone	6.24 mg/L
1,8-Cineole	5.28 mg/L
trans-Pinocarveol	4.38 mg/L
Trans-Carveol	4.21 mg/L

Menthadienol Isomer	3.76 mg/L
p-Cymen-8-ol	3.21 mg/L
cis-p-Menth α 2,8-dien-1-ol	2.91 mg/L
cis-Verbenol	2.85 mg/L
Menthadienol Isomer	2.48 mg/L
trans-Isopiperitenol	2.37 mg/L
cis-Isopiperitenol	1.84 mg/L
cis-p-Menth-1,2-dien-8-ol	1.68 mg/L
Trans-p-2,8-Menthadien-1-ol	1.55 mg/L
trans-p-Menth-2-en-1-ol	1.48 mg/L
Sabinaketone	1.47 mg/L
cis-Carveol	1.36 mg/L



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m-Cymen-8-ol	1.13 mg/L	2-Butanal,3-Methyl	0.67 mg/L
Carvone	1.07 mg/L	Sabinol Isomer	0.66 mg/L
5-Hepten-2-Ol,6-Methyl-	1.06 mg/L	cis-Linalool oxide (pyranic)	0.64 mg/L
Aromatic Component	0.93 mg/L	Chrysanthenyle Acetate	0.63 mg/L
Cryptone	0.81 mg/L	Cuminol	0.58 mg/L
Eugenol	0.8 mg/L	Aliphatic Ketone	0.57 mg/L
3,5-Dimethoxy toluene	0.76 mg/L	6-Methyl-3,5-Heptadiene-2-One	0.57 mg/L
Aliphatic Alcohol	0.75 mg/L	Piperitone	0.5 mg/L
Phenylmethyl Ester	0.73 mg/L	Methylparacresol	0.5 mg/L
Perillic Alcohol	0.73 mg/L	Aliphatic Alcohol	0.49 mg/L
Neral	0.69 mg/L	Aliphatic Ester	0.43 mg/L
trans-Linalool oxide (pyranic)	0.69 mg/L	Campholenal Isomer	0.41 mg/L



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Aliphatic Ester	0.41 mg/L
Borneol	0.41 mg/L
Aliphatic Alcohol	0.4 mg/L
Carvacrol	0.37 mg/L
Aliphatic Alcohol	0.35 mg/L
Myrtenal	0.35 mg/L
Aliphatic Alcohol	0.34 mg/L
Menthadienol Isomer	0.34 mg/L
Phenol Ester	0.32 mg/L
Octan-3-ol	0.32 mg/L
Aliphatic Ester	0.31 mg/L
6-Methylheptan-2-one	0.31 mg/L

Aliphatic Alcohol	0.29 mg/L
Aliphatic Ester	0.29 mg/L
trans-Jasmone	0.29 mg/L
Nopinone	0.28 mg/L
Linalyl acetate	0.28 mg/L
1-Octen-3-ol	0.26 mg/L
Aliphatic Alcohol	0.24 mg/L
Aliphatic Alcohol	0.24 mg/L
Hexan-1-ol	0.24 mg/L
Terpenic Ketone	0.2 mg/L
δ -Terpineol	0.18 mg/L
β -Myrcene	0.18 mg/L



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p-Methylacetophenone	0.17 mg/L
Aliphatic Ester	0.17 mg/L
Aliphatic Ester	0.17 mg/L
Aliphatic Ester	0.17 mg/L
Aliphatic Ester	0.15 mg/L
Aliphatic Alcohol	0.15 mg/L
Nopinone	0.15 mg/L
Aliphatic Ester	0.15 mg/L
Aliphatic Ester	0.14 mg/L
Cycloheptene Isomer	0.14 mg/L
Aromatic Component	0.14 mg/L
Aromatic Compound	0.14 mg/L

Aliphatic Ketone	0.14 mg/L
Aliphatic Ester	0.12 mg/L
α -Pinene	0.12 mg/L
p-Cymene	0.12 mg/L
Aromatic Component	0.12 mg/L
τ -Cadinol	0.12 mg/L
Aromatic Compound	0.09 mg/L
Toluene	0.09 mg/L
Aliphatic Ester	0.09 mg/L