



Hydrosol Report

Common Name

Frankincense

Total Volatile Compounds
(Concentration)

518 mg/L

Number of
Components Identified

147

Botanical Name

Boswellia sacra "carteri"

Country of Origin

Canada

ID# 459

CHI1314

Adulterated or Contain synthetic Ingredients

Major Components from GC (Full report upon request)

Verbenone	68.58 mg/L
Terpinen-4-ol	50.92 mg/L
trans-p-Menth-1,2-dien-8-ol	42.11 mg/L
Verbenol	40.2 mg/L
trans-Pinocarveol	27.51 mg/L
Dimethyl Cyclohexenyl Methyl Ketone Mw=152	22.17 mg/L
p-Cymen-8-ol	21.55 mg/L
α-Terpineol	19.48 mg/L
cis-p-Menth-1,2-dien-8-ol	16.37 mg/L
Aromatic Component	11.03 mg/L
Trans-Carveol	10.83 mg/L

trans-Sabinol	8.86 mg/L
Umbellulone	8.81 mg/L
Sabinol Isomer	7.82 mg/L
Aliphatic Alcohol	7.41 mg/L
Myrtenal	6.42 mg/L
Myrtenol	6.32 mg/L
Aromatic Compound	6.27 mg/L
Dehydrosabinacetone	5.59 mg/L
β-Thujone	4.92 mg/L
1,8-Cineole	4.35 mg/L
Aromatic Compound	4.2 mg/L
Cis-P-2,8-Menthadien-1-Ol + Sabinaketone	3.94 mg/L



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Linalool	3.68 mg/L
trans-Piperitol	3.47 mg/L
Carvone	3.37 mg/L
Aliphatic Ester	3.32 mg/L
6-Methyl,3,5-Heptadiene-2-One	3.16 mg/L
Menthadienol Isomer	2.95 mg/L
Terpenic Ketone	2.9 mg/L
m-Cymen-8-ol	2.8 mg/L
Cryptone	2.33 mg/L
Aliphatic Ester	2.33 mg/L
Trans-p-2,8-Menthadien-1-ol	2.28 mg/L
Thujadiene	2.28 mg/L

Myrcenol Isomer	2.28 mg/L
Menthadienol Isomer	2.23 mg/L
Cuminol	2.07 mg/L
trans-p-Menth-2-en-1-ol	1.97 mg/L
Pinocarvone	1.97 mg/L
p-Methylacetophenone	1.97 mg/L
Aliphatic Ester	1.97 mg/L
cis-Carveol	1.86 mg/L
5-Hepten-2-Ol,6-Methyl-	1.66 mg/L
cis-Isopiperitenol	1.66 mg/L
Aromatic Component	1.61 mg/L
trans-Linalool oxide (pyranic)	1.61 mg/L



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Piperitenone	1.5 mg/L
Neral	1.5 mg/L
Terpenic Ketone	1.45 mg/L
Aromatic Component	1.24 mg/L
trans-Isopiperitenol	1.24 mg/L
Aliphatic Ester	1.19 mg/L
6-Methyl-3,5-Heptadiene-2-One	1.19 mg/L
Isomaltol	1.19 mg/L
Nopinone	1.19 mg/L
5-Hepten-2-ol,6-Methyl-	1.14 mg/L
2-Methoxy-5-Methylphenol	1.14 mg/L
2-Acetylcyclopentanone	1.04 mg/L

Thymol	1.04 mg/L
Aliphatic Ester	0.98 mg/L
Perillic Alcohol	0.98 mg/L
Aliphatic Alcohol	0.88 mg/L
Cyclooctane	0.88 mg/L
p-Cymene	0.88 mg/L
Aliphatic Alcohol	0.83 mg/L
Aromatic Component	0.83 mg/L
Aromatic Compound	0.78 mg/L
6-Methylheptan-2-one	0.78 mg/L
Pinol	0.78 mg/L
Octan-1-ol	0.78 mg/L



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Terpenic Ketone	0.73 mg/L
Menthadienol Isomer	0.73 mg/L
Carvacrol	0.73 mg/L
Pinocamphone	0.73 mg/L
2-Hexen-1-ol	0.67 mg/L
Camphor	0.67 mg/L
Menthadienol Isomer	0.67 mg/L
Aliphatic Alcohol	0.62 mg/L
2-Butanal,3-Methyl	0.62 mg/L
P-Cuminol	0.57 mg/L
Aromatic Compound	0.57 mg/L
Aromatic Compound	0.57 mg/L

p-Cresol	0.57 mg/L
Hexan-1-ol	0.57 mg/L
Pinadiene	0.52 mg/L
Cuminal	0.52 mg/L
Menthadienol Isomer	0.52 mg/L
Cyclodecene Isomer	0.52 mg/L
Aliphatic Ketone	0.47 mg/L
Aromatic Component	0.47 mg/L
Aliphatic Alcohol	0.47 mg/L
Octan-3-ol	0.47 mg/L
Aliphatic Alcohol	0.41 mg/L
Aliphatic Alcohol	0.41 mg/L



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Aromatic Compound	0.41 mg/L
Cyclodecene Isomer	0.41 mg/L
Aromatic Compound	0.41 mg/L
α -Thujone	0.41 mg/L
Aliphatic Ester	0.36 mg/L
Aromatic Compound	0.36 mg/L
Methylparacresol	0.36 mg/L
Aromatic Compound	0.36 mg/L
10-Hydroxyoplopanone	0.36 mg/L
Sesquiterpenic Epoxide	0.36 mg/L
Aliphatic Alcohol	0.36 mg/L
Piperitone	0.36 mg/L

Isoeugenol Isomer	0.31 mg/L
Aliphatic Ester	0.31 mg/L
2-Hexen-1-ol, Acetate	0.31 mg/L
Hexenyl Ester	0.31 mg/L
2-Cyclopenten-1-One,3,4,4-Trimethyl	0.31 mg/L
Benzaldehyde	0.31 mg/L
Aromatic Compound	0.31 mg/L
Aromatic Compound	0.31 mg/L
Aliphatic Ester	0.26 mg/L
2,4-Dimethylphenyl Alcohol	0.26 mg/L
Aromatic Component	0.26 mg/L
Ketone Compound	0.26 mg/L



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Aliphatic Alcohol	0.26 mg/L
Campholenal Isomer	0.26 mg/L
Aliphatic Alcohol	0.26 mg/L
Aliphatic Alcohol	0.26 mg/L
Aromatic Component	0.21 mg/L
Aromatic Component	0.21 mg/L
Aromatic Component	0.21 mg/L
Aromatic Compound	0.21 mg/L
Aliphatic Alcohol	0.21 mg/L
Aromatic Compound	0.21 mg/L
Aliphatic Ester	0.21 mg/L
Aromatic Component	0.21 mg/L

Undecatriene Isomer	0.16 mg/L
Aliphatic Ketone	0.16 mg/L
Aliphatic Alcohol	0.16 mg/L
5-Hexen-2-One,5-Methyl	0.16 mg/L
Aromatic Component	0.16 mg/L
Aromatic Component	0.16 mg/L
Aromatic Component	0.16 mg/L
2,4-Pentanedione,3-Methyl	0.16 mg/L
Aromatic Compound	0.1 mg/L
Menthatriene Isomer	0.1 mg/L
Methyl Pentene Isomer	0.1 mg/L
Methyl Isobutyl Ketone	0.1 mg/L



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α -Pinene	0.05 mg/L
Toluene	0.05 mg/L
Acetone	0.05 mg/L
2-Butanone,3-Methyl	0.05 mg/L