

Client



Source



Frankincense Carteri (Boswellia carterii)
NF-FRAN-19-B

Sample

Frankincense Carteri (Boswellia carterii)

Batch #:..... NF-FRAN-19-B

Type:..... Essential Oil

CAS Number:... 8016-36-2

Nature's Fusions

Client



Website



Primary

31.15%

alpha-Pinene

17.81%

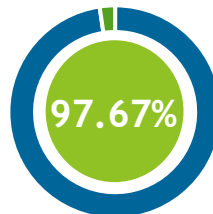
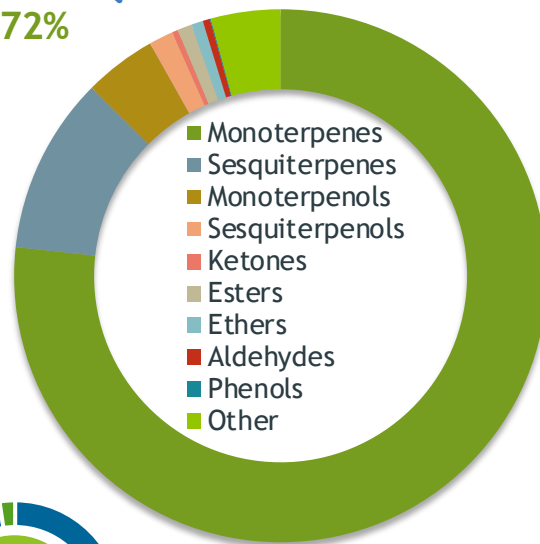
Limonene

5.42%

Myrcene

Monoterpenes

76.72%



Percentage Identified

Result



Conclusion

No adulterants, diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine essential oil of Frankincense Carteri (Boswellia carterii)

Internal Number: | EVS-2872



Essential Validation Services

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Monoterpenes	76.72%	76.72%
Sesquiterpenes	10	10.74%
Monoterpenols		4.39%
Sesquiterpenols		1.48%
Ketones		0.36%
Esters		0.88%
Ethers		0.71%
Aldehydes		0.44%
Phenols		0.06%
Other		4.22%

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Nature's FUSIONS
 ESSENTIAL OILS

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Total Percentage		97.67%			
Number	RT	Area %	Compound Name	RI	Chemical Family
1	6.53	0.06%	Toluene	765.00	Simple Phenolic
2	12.25	0.22%	Hashishene	922.00	Monoterpene
3	12.37	0.05%	Tricyclene	923.00	Monoterpene
4	12.61	5.41%	alpha-Thujene	927.80	Monoterpene
5	12.94	31.15%	alpha-Pinene	936.10	Monoterpene
6	13.50	0.86%	Camphene	950.30	Monoterpene
7	13.74	0.47%	Thuja-2,4(10)-diene	953.00	Monoterpene
8	14.42	0.10%	Verbenene	961.00	Monoterpene
9	14.56	4.55%	Sabinene	973.00	Monoterpene
10	14.68	1.42%	beta-Pinene	974.00	Monoterpene
11	15.28	5.42%	Myrcene	989.20	Monoterpene
12	15.84	2.56%	alpha-Phellandrene	1002.00	Monoterpene
13	16.09	0.94%	delta-3-Carene	1008.00	Monoterpene
14	16.36	0.25%	alpha-Terpinene	1014.00	Monoterpene
15	16.69	4.57%	para-Cymene	1024.30	Monoterpene
16	16.90	17.81%	Limonene	1029.50	Monoterpene
17	17.22	0.16%	(Z)-beta-Ocimene	1037.80	Monoterpene
18	17.65	0.10%	(E)-beta-Ocimene	1047.70	Monoterpene
19	18.12	0.41%	gamma-Terpinene	1054.00	Monoterpene
20	18.47	0.02%	trans-Sabinene hydrate	1072.00	Monoterpenol
21	19.35	0.27%	Terpinolene	1092.10	Monoterpene
22	19.75	0.34%	Linalool	1099.00	Monoterpenol
23	19.95	0.06%	Isoamyl isovalerate	1103.10	Aliphatic Ester
24	20.07	0.04%	alpha-Thujone	1106.00	Monoterpene Ketone
25	20.46	0.17%	beta-Thujone	1118.00	Monoterpene Ketone
26	20.54	0.05%	Myrcenol	1118.20	Monoterpenol
27	20.82	0.37%	alpha-Campholenal	1125.29	Monoterpene Aldehyde
28	21.37	0.78%	trans-Pinocarveol	1143.75	Monoterpenol
29	21.57	0.69%	trans-Verbenol	1149.00	Monoterpenol
30	22.41	0.59%	p-Mentha-1,5-dien-8-ol	1163.00	Monoterpenol
31	22.83	0.73%	Terpinen-4-ol	1180.57	Monoterpenol
32	23.07	0.14%	para-Cymen-8-ol	1185.25	Monoterpenol
33	23.32	0.34%	alpha-Terpineol	1191.71	Monoterpenol
34	23.55	0.32%	Myrtenol	1198.00	Monoterpenol
35	24.03	0.43%	Octyl acetate	1211.00	Aliphatic Ester

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Number	RT	Area %	Compound Name	RI	Chemical Family
36	24.34	0.21%	trans-Carveol	1223.14	Aliphatic Ester
37	24.55	1.13%	1-Methoxydecane	1229.00	Alkane
38	24.76	0.05%	cis-Carveol	1232.25	Monoterpenol
39	25.13	0.07%	Cuminal	1243.00	Monoterpene Aldehyde
40	25.26	0.15%	Carvone	1248.14	Monoterpene Ketone
41	25.41	0.01%			
42	26.01	0.08%	Decanol	1273.50	Monoterpenol
43	26.76	0.39%	Bornyl acetate	1288.29	Monoterpene Ester
44	27.22	0.05%	Carvacrol	1304.40	Monoterpenol
45	28.90	0.06%	alpha-Terpinyl acetate	1353.00	Monoterpene Ether
46	28.98	0.29%	alpha-Cubebene	1355.71	Sesquiterpene
47	29.62	0.05%	alpha-Ylangene	1371.33	Sesquiterpene
48	29.91	0.85%	alpha-Copaene	1379.00	Sesquiterpene
49	30.23	0.23%	beta-Bourbonene	1388.70	Sesquiterpene
50	30.40	1.30%	beta-Elemene	1389.20	Sesquiterpene
51	31.05	0.10%	alpha-Gurjunene	1412.00	Sesquiterpene
52	31.39	3.18%	beta-Caryophyllene	1427.14	Sesquiterpene
53	31.76	0.10%	trans-alpha-Bergamotene	1435.00	Sesquiterpene
54	32.46	0.68%	alpha-Humulene	1461.43	Sesquiterpene
55	32.70	0.22%	Aromadendrene	1449.80	Sesquiterpene
56	33.11	0.47%	gamma-Murolene	1478.86	Sesquiterpene
57	33.31	0.38%	Germacrene D	1484.71	Sesquiterpene
58	33.50	0.53%	beta-Selinene	1487.57	Sesquiterpene
59	33.69	0.28%	epi-Cubebol	1493.67	Sesquiterpenol
60	33.76	0.61%	alpha-Selinene	1492.50	Sesquiterpene
61	34.31	0.84%	gamma-Cadinene	1515.29	Sesquiterpene
62	34.53	0.91%	delta-Cadinene	1524.14	Sesquiterpene
63	35.28	0.05%	Elemol	1538.00	Sesquiterpenol
64	36.24	0.04%	Spathulenol	1587.00	Sesquiterpenol
65	36.43	0.65%	Caryophyllene oxide	1594.86	Sesquiterpene Ether
66	36.68	0.15%	Viridiflorol	1596.00	Sesquiterpenol
67	37.03	0.08%	Ledol	1623.00	Sesquiterpenol
68	37.24	0.32%	10-epi-gamma-Eudesmol	1620.00	Sesquiterpenol
69	37.99	0.42%	T-Cadinol	1640.43	Sesquiterpenol
70	38.33	0.14%	alpha-Eudesmol	1652.86	Sesquiterpenol
71	46.46	0.14%	Cembrene A	1931.00	Diterpene

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