



316 Old Hickory Blvd East, Madison, TN 37115

tel (615)612-4270 fax (615)860-9171

sold@naturesgift.com

Balancing Body, Mind and Spirit with Pure Essential Oils

Since 1995

www.naturesgift.com

Frankincense Boswellia carterii

Batch #SO-58573

Somalia

Monoterpenes	81.94%	Monoterpenols	1.58%	Sesquiterpene	12.16%
α pinene	37.99	trans-verbenol	0.48	β caryophyllene	3.51
limonene	21.42	trans-pinocarveol	0.36	β elemene	1.74
para cymene	4.62	terpinen-4-ol	0.35	α selinene	1.17
myrcene	3.84	para-mentha-1,5-dien-8-ol	0.14	δ cadinene	1.15
sabinene	3.68	α terpinenol	0.12	α copaene	0.87
α thujene	2.81	linalol	0.08	γ cadinene	0.77
α phellandrene	2.66	trans-carveol	0.05	β selinene	0.74
β pinene	2.00			α humulene	0.62
δ-3-carene	1.35			γ muurolene	0.46
camphene	0.84	Aldehydes	0.44%	allo-aromadendrene	0.29
α terpinene	0.18	myrtenal	0.34	α cubebene	0.28
γ terpinene	0.16	α campholenal	0.10	germacrene D	0.19
thuja-2,4(10)-diene	0.16			trans-α-bergamotene	0.10
tricyclene	0.05	Esters	0.32%	β bourbonene	0.09
verbenene	0.05	bornyl acetate	0.32	α gurjunene	0.09
hashishene	0.04			δ elemene	0.03
terpinolene	0.03	Ethers	0.66%	trans-muurola-3,5-diene	0.03
para-cymenene	0.02	caryophyllene oxide	0.60	α cadinene	0.02
(Z) β ocimene	0.02	humulene epoxide II	0.06	β copaene	0.01
allo-ocimene	0.02			Sesquiterpenols	0.77%
		Ketones	0.2%	τ cadinol	0.52
		verbenone	0.2	1,10-di-epi-cubenol	0.14
		trans-pinocamphone	0.01	viridiflorol	0.09
		carvone	0.01	1-epi-cubenol	0.02
		Other	0.38%		
		incensole	0.30		
		cembrene A	0.08		

Raw Material: resin

Botanical Name: Boswellia carterii

Production Method: Steam distillation

Date of Analysis: 11/22/2019

Client



Source



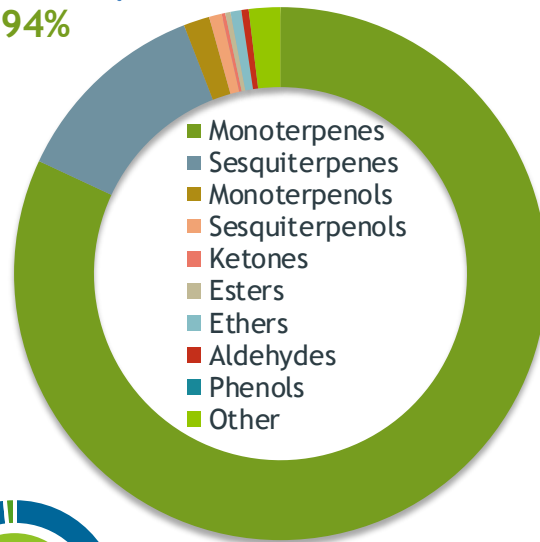
Frankincense (*Boswellia carterii*)
SO-20430

Sample

Frankincense (*Boswellia carterii*)
Batch #:..... | SO-20430
Type:..... | Essential Oil
CAS Number:... | 8016-36-2
Nature's Gift

Monoterpenes

81.94%



Client

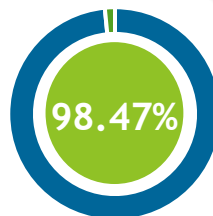


Website



Primary

37.99% | alpha-Pinene
21.42% | Limonene
4.62% | para-Cymene



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 (*Boswellia carterii*)

Internal Number: | EVS-1887



Essential Validation Services

747 SW 2nd Ave IMB 12 Suite 306
Gainesville, FL 32601

317.361.5044 |
<https://essentialvalidationservices.com/>
adam@essentialvalidationservices.com

Monoterpenes	81.94%	81.94%
Sesquiterpenes	12.16%	12.16%
Monoterpenols	1.58%	1.58%
Sesquiterpenols	0.77%	0.77%
Ketones	0.22%	0.22%
Esters	0.32%	0.32%
Ethers	0.66%	0.66%
Aldehydes	0.44%	0.44%
Phenols	0.00%	0.00%
Other	1.91%	1.91%

Client



Source

Frankincense (*Boswellia carterii*)

SO-20430

Total Percentage		98.47%		
Number	RT	Area %	Compound Name	Chemical Family
1	11.35	0.04%	Hashishene	Monoterpene
2	11.47	0.05%	Tricyclene	Monoterpene
3	11.69	2.81%	alpha-Thujene	Monoterpene
4	11.97	37.99%	alpha-Pinene	Monoterpene
5	12.49	0.84%	Camphene	Monoterpene
6	12.72	0.16%	Thuja-2,4(10)-diene	Monoterpene
7	13.38	0.05%	Verbenene	Monoterpene
8	13.48	3.68%	Sabinene	Monoterpene
9	13.58	2.00%	beta-Pinene	Monoterpene
10	14.16	3.84%	Myrcene	Monoterpene
11	14.66	2.66%	alpha-Phellandrene	Monoterpene
12	14.89	1.35%	delta-3-Carene	Monoterpene
13	15.16	0.18%	alpha-Terpinene	Monoterpene
14	15.45	4.62%	para-Cymene	Monoterpene
15	15.63	21.42%	Limonene	Monoterpene
16	16.09	0.02%	(Z)-beta-Ocimene	Monoterpene
17	16.83	0.16%	gamma-Terpinene	Monoterpene
18	17.99	0.03%	Terpinolene	Monoterpene
19	18.04	0.02%	para-Cymenene	Monoterpene
20	18.48	0.08%	Linalool	Monoterpenol
21	19.29	0.10%	alpha-Campholene aldehyde	Monoterpene Aldehyde
22	19.48	0.02%	Alloocimene	Monoterpene
23	19.75	0.36%	trans-Pinocarveol	Monoterpenol
24	19.94	0.48%	trans-Verbenol	Monoterpenol
25	20.51	0.01%	Trans-Pinocamphone	Monoterpene Ketone
26	20.84	0.14%	para-Mentha-1,5-dien-8-ol	Monoterpenol
27	21.16	0.35%	Terpinen-4-ol	Monoterpenol
28	21.64	0.12%	alpha-Terpineol	Monoterpenol
29	21.78	0.34%	Myrtenal	Monoterpene Aldehyde
30	22.23	0.20%	Verbenone	Monoterpene Ketone
31	22.73	0.05%	trans-Carveol	Monoterpenol
32	23.66	0.01%	Carvone	Monoterpene Ketone
33	24.67	0.32%	Bornyl acetate	Monoterpene Ester
34	26.32	0.03%	delta-Elemene	Sesquiterpene
35	26.70	0.28%	alpha-Cubebene	Sesquiterpene

ESSENTIAL VALIDATION SERVICES | 747 SW 2ND AVE GAINESVILLE, FLORIDA 32601 | 317-361-5044

Client



Source



Frankincense (Boswellia carterii)
SO-20430

Number	RT	Area %	Compound Name	Chemical Family
36	27.54	0.87%	alpha-Copaene	Sesquiterpene
37	27.83	0.09%	beta-Bourbonene	Sesquiterpene
38	27.97	1.74%	beta-Elemene	Sesquiterpene
39	28.57	0.09%	alpha-Gurjunene	Sesquiterpene
40	28.87	3.51%	beta-Caryophyllene	Sesquiterpene
41	29.26	0.10%	trans-alpha-Bergamotene	Sesquiterpene
42	29.58	0.01%	beta-Copaene	Sesquiterpene
43	29.75	0.03%	trans-Muurola-3,5-diene	Sesquiterpene
44	29.87	0.62%	alpha-Humulene	Sesquiterpene
45	30.08	0.29%	allo-Aromadendrene	Sesquiterpene
46	30.46	0.46%	gamma-Muurolene	Sesquiterpene
47	30.63	0.19%	Germacrene D	Sesquiterpene
48	30.81	0.74%	beta-selinene	Sesquiterpene
49	31.05	1.17%	alpha-Selinene	Sesquiterpene
50	31.54	0.77%	gamma-Cadinene	Sesquiterpene
51	31.75	1.15%	delta-Cadinene	Sesquiterpene
52	32.20	0.02%	alpha-Cadinene	Sesquiterpene
53	33.48	0.60%	Caryophyllene oxide	Sesquiterpene Ether
54	33.74	0.09%	Viridiflorol	Sesquiterpenol
55	34.18	0.06%	Humulene epoxide II	Sesquiterpene Ether
56	34.28	0.14%	1,10-di-epi-cubenol	Sesquiterpenol
57	34.63	0.02%	1-epi-Cubenol	Sesquiterpenol
58	34.95	0.52%	T-Cadinol	Sesquiterpenol
59	42.63	0.08%	Cembrene A	Diterpene
60	46.76	0.30%	Incensele	Diterpenol

ESSENTIAL VALIDATION SERVICES | 747 SW 2ND AVE GAINESVILLE, FLORIDA 32601 | 317-361-5044