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Balancing Body, Mind and Spirit with Pure Essential Oils

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Frankincense (Serrata)

Boswellia serrata

Batch #IN-59149

India

Monoterpenes	91.9%	Monoterpenols	1.75%	Ketones	0.2%
α thujene	56.19	terpinen-4-ol	1.05	β thujone	0.10
sabinene	6.68	linalool	0.29	6-menthyl-3,5-heptadien-2-one	0.05
α pinene	6.34	trans-sabinene hydrate	0.25	pinocarvone	0.05
δ -3-carene	5.35	(Z) para-menth-2-en-1-ol	0.06		
limonene	4.13	cis-sabinol	0.04	Phenols	2.9%
para cymene	3.98	para-mentha-1,5-dien-8-ol	0.03	methyl chavicol	2.88
α phellandrene	2.15	trans-verbenol	0.02	methyl eugenol	0.02
γ terpinene	2.06	para-cymen-8-ol	0.01		
myrcene	1.13			Sesquiterpenes	0.23%
α terpinene	0.87	Esters	0.01%	β bourbonene	0.13
β pinene	0.61	α -terpinyl acetate	0.01	germacrene D	0.03
terpinolene	0.57			β chamigrene	0.03
thuja-2,4(10)-diene	0.51			α copaene	0.02
(Z) β ocimene	0.36			longifolene	0.02
(E) β ocimene	0.33				
meta-cymene	0.18				
allo ocimene	0.17				
hashishene	0.12				
camphene	0.11				
para-cymenene	0.03				
bornylene	0.02				
2-carene	0.01				

Raw Material: resin

Botanical Name: *Boswellia serrata*

Production Method: Steam distillation

Date of Analysis: 2/15/2021

Client



Source



Frankincense Serrata (Boswellia serrata)
IN-59149

Sample

Frankincense Serrata (Boswellia serrata)
Batch #:..... IN-59149
Type:..... Essential Oil
CAS Number:... 97952-72-2
Nature's Gift

Client



Website

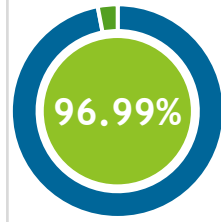
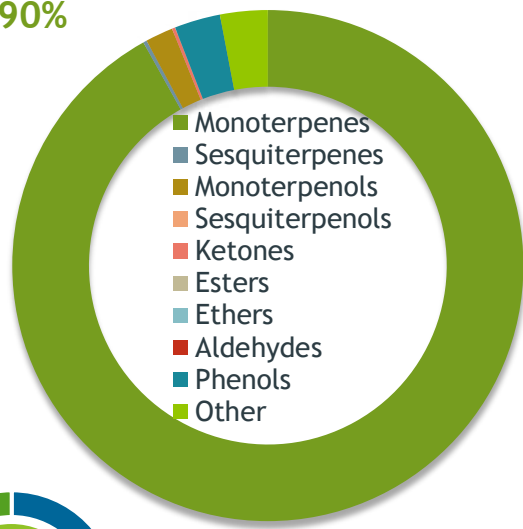


Primary

56.19% | alpha-Thujene
6.68% | Sabinene
6.34% | alpha-Pinene

Monoterpenes

91.90%



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 Serrata (Boswellia serrata)

Internal Number: | EVS-4209



Essential Validation Services

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

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

Alan Christen

Monoterpenes	91.90%	91.90%
Sesquiterpenes		0.23%
Monoterpenols		1.75%
Sesquiterpenols		0.00%
Ketones		0.20%
Esters		0.01%
Ethers		0.00%
Aldehydes		0.00%
Phenols		2.90%
Other		3.01%

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- Essential Oil testing is performed by using qualitative GC-MS. Method: SOP.T.01 Client Method
- This report may not be published without the consent of Essential Validation Services.
- Chromatograph image may be requested
- This report is valid for 1 year from the analyzed date

Client



Source

Frankincense Serrata (*Boswellia serrata*)

IN-59149

Total Percentage		96.99%		
Number	RT	Area %	Compound Name	Chemical Family
1	7.33	0.02%	Bornylene	Monoterpene
2	7.78	0.12%	Hashishene	Monoterpene
3	8.10	56.19%	alpha-Thujene	Monoterpene
4	8.29	6.34%	alpha-Pinene	Monoterpene
5	8.69	0.51%	Thuja-2,4(10)-diene	Monoterpene
6	8.89	0.11%	Camphene	Monoterpene
7	9.84	6.68%	Sabinene	Monoterpene
8	10.00	0.61%	beta-Pinene	Monoterpene
9	10.59	1.13%	Myrcene	Monoterpene
10	10.95	0.01%	2-Carene	Monoterpene
11	11.24	2.15%	alpha-Phellandrene	Monoterpene
12	11.35	5.35%	delta-3-Carene	Monoterpene
13	11.71	0.87%	alpha-Terpinene	Monoterpene
14	11.84	0.18%	meta-Cymene	Monoterpene
15	12.05	3.98%	para-Cymene	Monoterpene
16	12.26	4.13%	Limonene	Monoterpene
17	12.63	0.36%	(Z)-beta-Ocimene	Monoterpene
18	13.09	0.33%	(E)-beta-Ocimene	Monoterpene
19	13.57	2.06%	gamma-Terpinene	Monoterpene
20	14.09	0.25%	trans-Sabinene hydrate	Monoterpenol
21	14.79	0.57%	Terpinolene	Monoterpene
22	15.00	0.03%	para-Cymenene	Monoterpene
23	15.51	0.29%	Linalool	Monoterpenol
24	15.71	0.10%	beta-Thujone	Monoterpene Ketone
25	16.06	0.05%	6-Methyl-3,5-heptadien-2-one	Monoterpene Ketone
26	16.56	0.06%	cis-para-Menth-2-en-1-ol	Monoterpenol
27	16.81	0.17%	Alloocimene	Monoterpene
28	17.27	0.04%	cis-Sabinol	Monoterpenol
29	17.53	0.02%	trans-Verbenol	Monoterpenol
30	18.33	0.03%	para-Mentha-1,5-dien-8-ol	Monoterpenol
31	18.65	0.05%	Pinocarvone	Monoterpene Ketone
32	19.13	1.05%	Terpinen-4-ol	Monoterpenol
33	19.47	0.01%	para-Cymen-8-ol	Monoterpenol
34	19.97	2.88%	Methyl chavicol	Phenylpropanoid
35	26.60	0.01%	alpha-Terpinyl acetate	Monoterpene Ester

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Client



Source



Frankincense Serrata (Boswellia serrata)
IN-59149

Number	RT	Area %	Compound Name	Chemical Family
36	27.794	0.02%	alpha-Copaene	Monoterpene Ester
37	28.11	0.13%	beta-Bourbonene	Sesquiterpene
38	28.78	0.02%	Longifolene	Sesquiterpene
39	28.93	0.02%	Methyl eugenol	Phenylpropanoid
40	32.12	0.03%	Germacrene D	Sesquiterpene
41	32.20	0.03%	beta-Chamigrene	Sesquiterpene

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