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Balancing Body, Mind and Spirit with Pure Essential Oils

Since 1995

www.naturesgift.com

Frankincense (Serrata)

Boswellia serrata

Batch #IN-59282

India

Monoterpenes	91.08%	Monoterpenols	1.83%	Sesquiterpene	0.26%
α thujene	50.74	terpinen-4-ol	1.09	β bourbonene	0.14
sabinene	8.28	trans-sabinene hydrate	0.27	germacrene D	0.04
α pinene	6.92	linalool	0.19	longifolene	0.03
δ -3-carene	6.73	cis-sabinol	0.08	α copaene	0.02
para cymene	5.11	(Z)para-menth-2-en-1-ol	0.07	β copaene	0.02
limonene	4.61	(E) para-menth-2-en-1-ol	0.06	trans- α -bergamotene	0.01
α phellandrene	2.11	trans-verbenol	0.03		
γ terpinene	1.75	para-cymen-8-ol	0.02		
myrcene	1.24	cis-Carveol	0.02		
α terpinene	0.74				
β pinene	0.73				
terpinolene	0.50				
thuja-2,4(10)-diene	0.47				
(Z) β ocimene	0.35				
(E) β ocimene	0.33				
hashishene	0.15				
camphene	0.13				
allo ocimene	0.12				
para cymenene	0.03				
2-carene	0.02				
bornylene	0.02				
		Esters	0.02%	Phenols	1.86%
		α -terpinyl acetate	0.01	methyl chavicol	1.83
		bornyl acetate	0.01	methyl eugenol	0.03
		Ethers	0.01%	Other	1.99%
		1,4-cineole	0.02	unknown	1.98
		(Z) limonene oxide	0.01	6-methyl-5-hepten-2-ol	0.01
		kessane	0.01		
		Ketones	#REF!		
		β thujone	0.12		
		6-methyl-3,5-heptadien-2-one	0.06		

Client



Source



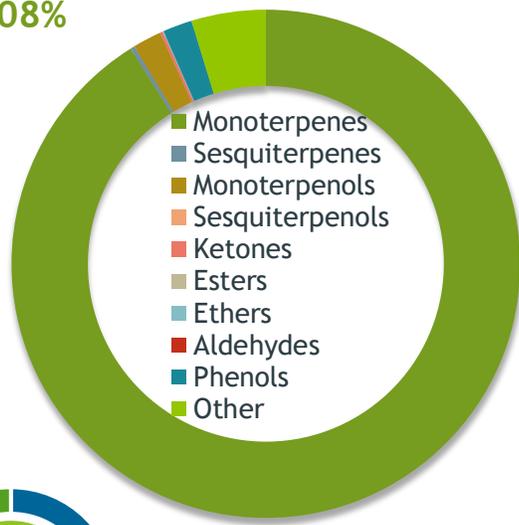
Frankincense (*Boswellia serrata*)
IN-59282

Sample

Frankincense (*Boswellia serrata*)
Batch #:..... IN-59282
Type:..... Essential Oil
CAS Number:... 97952-72-2
Nature's Gift

Monoterpenes

91.08%



Client



Website



Primary

50.74% | alpha-Thujene
8.28% | Sabinene
6.92% | alpha-Pinene



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 serrata*)

Internal Number: | EVS-5321



Essential Validation Services

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

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

Alan Christen

Monoterpenes	91.08%	91.08%
Sesquiterpenes		0.26%
Monoterpenols		1.83%
Sesquiterpenols		0.00%
Ketones		0.18%
Esters		0.02%
Ethers		0.04%
Aldehydes		0.00%
Phenols		1.86%
Other		4.73%

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

- 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 (*Boswellia serrata*)

IN-59282

Total Percentage		95.28%		
Number	RT	Area %	Compound Name	Chemical Family
1	7.04	0.02%	Bornylene	Monoterpene
2	7.48	0.15%	Hashishene	Monoterpene
3	7.85	50.74%	alpha-Thujene	Monoterpene
4	8.01	6.92%	alpha-Pinene	Monoterpene
5	8.38	0.47%	Thuja-2,4(10)-diene	Monoterpene
6	8.57	0.13%	Camphene	Monoterpene
7	9.53	8.28%	Sabinene	Monoterpene
8	9.67	0.73%	beta-Pinene	Monoterpene
9	10.05	0.01%	6-Methyl-5-hepten-2-ol	Aliphatic Alcohol
10	10.25	1.24%	Myrcene	Monoterpene
11	10.60	0.02%	2-Carene	Monoterpene
12	10.90	2.11%	alpha-Phellandrene	Monoterpene
13	11.01	6.73%	delta-3-Carene	Monoterpene
14	11.27	0.02%	1,4-Cineole	Monoterpene Ether
15	11.35	0.74%	alpha-Terpinene	Monoterpene
16	11.71	5.11%	para-Cymene	Monoterpene
17	11.91	4.61%	Limonene	Monoterpene
18	12.27	0.35%	(Z)-beta-Ocimene	Monoterpene
19	12.72	0.33%	(E)-beta-Ocimene	Monoterpene
20	13.20	1.75%	gamma-Terpinene	Monoterpene
21	13.71	0.27%	trans-Sabinene hydrate	Monoterpenol
22	14.41	0.50%	Terpinolene	Monoterpene
23	14.62	0.03%	para-Cymenene	Monoterpene
24	14.86	0.93%	UK	
25	15.14	0.19%	Linalool	Monoterpenol
26	15.32	0.12%	beta-Thujone	Monoterpene Ketone
27	15.67	0.06%	6-Methyl-3,5-heptadien-2-one	Monoterpene Ketone
28	15.88	1.05%	UK	
29	16.17	0.07%	cis-para-Menth-2-en-1-ol	Monoterpenol
30	16.43	0.12%	Alloocimene	Monoterpene
31	16.53	0.01%	cis-Limonene oxide	Monoterpene Ether
32	16.88	0.08%	cis-Sabinol	Monoterpenol
33	17.00	0.06%	trans-para-Menth-2-en-1-ol	Monoterpenol
34	17.93	0.03%	trans-Verbenol	Monoterpenol
35	18.73	1.09%	Terpinen-4-ol	Monoterpenol

