

Client



Source



Organic Sonia's Shield ()
Lot # 14844

Sample

Organic Sonia's Shield ()
Batch #:..... Lot # 14844
Type:..... Essential Oil Blend
CAS Number:...

Savhera

Client



Website

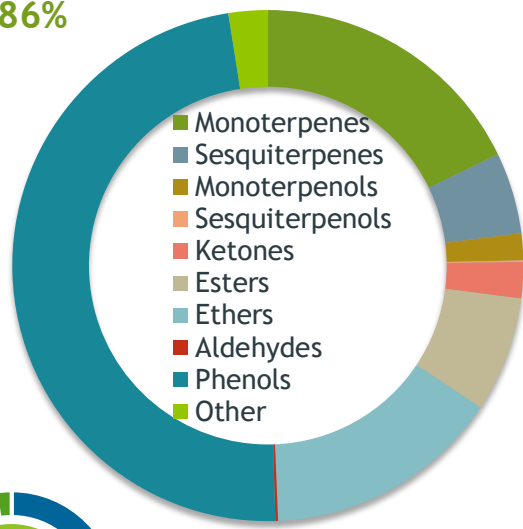


Primary

31.99% Eugenol
15.17% (E)-Cinnamaldehyde
14.68% 1,8-Cineole

Phenols

47.86%



Percentage Identified

Result



Conclusion

No adulterants, diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine Essential Oil Blend of Organic Sonia's Shield ()

Internal Number: | EVS-4924



Essential Validation Services

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

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

Alan Christen

Monoterpenes	17.78%	17.78%
Sesquiterpenes	5.13%	5.13%
Monoterpenols	1.70%	1.70%
Sesquiterpenols	0.10%	0.10%
Ketones	2.28%	2.28%
Esters	7.29%	7.29%
Ethers	14.95%	14.95%
Aldehydes	0.17%	0.17%
Phenols	47.86%	47.86%
Other	2.47%	2.47%

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Total Percentage		97.58%		
Number	RT	Area %	Compound Name	Chemical Family
1	4.85	0.01%	Furfural	Furan
2	6.51	0.03%	Styrene	Phenylpropanoid
3	7.55	0.03%	Tricyclene	Monoterpene
4	7.72	0.15%	alpha-Thujene	Monoterpene
5	7.97	2.68%	alpha-Pinene	Monoterpene
6	8.56	0.91%	Camphene	Monoterpene
7	9.04	0.40%	Benzaldehyde	Simple Phenolic
8	9.50	0.10%	Sabinene	Monoterpene
9	9.67	3.01%	beta-Pinene	Monoterpene
10	9.90	0.03%	1-Octen-3-ol	Aliphatic Alcohol
11	10.08	0.02%	Octan-3-one	Aliphatic Ketone
12	10.25	0.37%	Myrcene	Monoterpene
13	10.78	0.01%	Pseudolimonene	Monoterpene
14	10.88	0.09%	alpha-Phellandrene	Monoterpene
15	10.99	0.06%	delta-3-Carene	Monoterpene
16	11.35	0.13%	alpha-Terpinene	Monoterpene
17	11.70	1.83%	o-Cymene	Monoterpene
18	11.93	7.80%	Limonene	Monoterpene
19	12.06	14.68%	1,8-Cineole	Monoterpene Ether
20	12.27	0.02%	(Z)-beta-Ocimene	Monoterpene
21	12.73	0.01%	(E)-beta-Ocimene	Monoterpene
22	13.19	0.35%	gamma-Terpinene	Monoterpene
23	13.46	0.01%	Acetophenone	Simple Phenolic
24	13.71	0.03%	trans-Sabinene hydrate	Monoterpenol
25	14.41	0.06%	Isoterpinolene	Monoterpene
26	14.62	0.01%	para-Cymenene	Monoterpene
27	15.14	0.21%	Linalool	Monoterpenol
28	15.36	0.02%	Nonanal	Aliphatic Aldehyde
29	15.91	0.01%	Fenchol	Monoterpenol
30	16.86	0.01%	alpha-Pinocarveol	Monoterpenol
31	17.11	2.25%	Camphor	Monoterpene Ketone
32	17.86	0.16%	para-Menthatriene	Monoterpene
33	18.30	0.69%	Borneol	Monoterpenol
34	18.72	0.23%	Terpinen-4-ol	Monoterpenol
35	19.06	0.02%	para-Cymen-8-ol	Monoterpenol

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- Essential Oil testing is performed by using qualitative GC-MS. Method: SOP.T.01 Client Method
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 - Chromatograph image may be requested
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Number	RT	Area %	Compound Name	Chemical Family
36	19.233	0.03%	Methyl salicylate	Monoterpenol
37	19.41	0.40%	alpha-Terpineol	Monoterpenol
38	20.02	0.01%	Decanal	Aliphatic Aldehyde
39	20.43	0.09%	(Z)-Cinnamaldehyde	Phenylpropanoid
40	20.85	0.01%	Nerol	Monoterpenol
41	21.41	0.10%	Neral	Monoterpene Aldehyde
42	21.59	0.01%	Carvone	Monoterpene Ketone
43	22.34	0.05%	Chavicol	Phenylpropanoid
44	23.05	15.17%	(E)-Cinnamaldehyde	Phenylpropanoid
45	23.45	0.24%	Isobornyl acetate	Monoterpene Ether
46	23.90	0.02%	Thymol	Monoterpenol
47	24.23	0.05%	Carvacrol	Monoterpenol
48	24.48	0.12%	Cinnamyl alcohol	Phenylpropanoid
49	26.72	31.99%	Eugenol	Phenylpropanoid
50	26.84	0.13%	Neryl acetate	Monoterpene Ester
51	27.01	0.03%	alpha-Longipinene	Sesquiterpene
52	27.13	0.04%	alpha-Cubebene	Sesquiterpene
53	27.40	0.20%	alpha-Copaene	Sesquiterpene
54	27.66	0.07%	Geranyl acetate	Monoterpene Ester
55	28.01	0.01%	beta-Elemene	Sesquiterpene
56	28.16	0.04%	Vanillin	Sesquiterpene Aldehyde
57	28.29	0.01%	1-Tetradecene	Alkene
58	29.20	3.75%	beta-Caryophyllene	Sesquiterpene
59	29.52	0.01%	Isocaryophyllene	Sesquiterpene
60	29.84	0.06%	trans-alpha-Bergamotene	Sesquiterpene
61	29.95	0.03%	Longifolene	Sesquiterpene
62	30.37	2.24%	(E)-Cinnamyl acetate	Phenylpropanoid Ester
63	30.64	0.69%	alpha-Humulene	Sesquiterpene
64	30.82	0.03%	Aromadendrene	Sesquiterpene
65	31.50	0.07%	cis-Cadina-1(6),4-diene	Sesquiterpene
66	32.00	0.02%	gamma-Gurjunene	Sesquiterpene
67	32.20	0.01%	gamma-Murolene	Sesquiterpene
68	32.30	0.02%	alpha-Selinene	Sesquiterpene
69	32.47	0.03%	alpha-Amorphene	Sesquiterpene
70	32.90	0.09%	beta-Bisabolene	Sesquiterpene
71	33.01	0.03%	beta-Cadinene	Sesquiterpene

ESSENTIAL VALIDATION SERVICES | 74 / SW 2ND AVE GAINESVILLE, FLORIDA 32601 | 351-7501-5044

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