

Client



Source

Tea Tree (*Melaleuca alternifolia*)

NaturoBliss 241196577 - N/A

Sample

Tea Tree (*Melaleuca alternifolia*)

Identification #: NaturoBliss 241196577

Type:..... Essential Oil

CAS Number:... 68647-73-4

Essential Oils Reviewer

Properties

Country Of Origin | N/A

Specific Gravity | NT

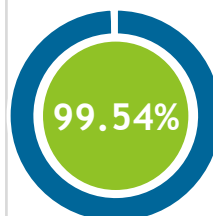
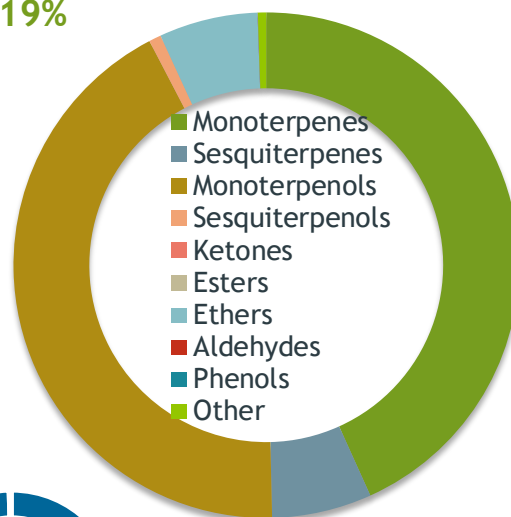
Refractive Index | NT

Primary

38.32%Terpinen-4-ol19.43%gamma-Terpinene11.30%alpha-Terpinene

Monoterpenes

43.19%



Percentage Identified

Result

APPROVED

5/6/2025

Conclusion

No adulterants, diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine Essential Oil of Tea Tree (*Melaleuca alternifolia*)

Internal Number: | EVS-6700



Essential Validation Services

240 Goose Hollow Road

Berthoud, CO 80513

317.361.5044 |

<https://essentialvalidationservices.com/>

Monoterpenes	43.19%	43.19%
Sesquiterpenes	6.3	6.38%
Monoterpenols	42.67%	42.67%
Sesquiterpenols		0.78%
Ketones		0.00%
Esters		0.00%
Ethers	6.3	6.31%
Aldehydes		0.01%
Phenols		0.01%
Other		0.53%

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Total Percentage		99.54%		
Number	RT	Area %	Compound Name	Chemical Family
1	5.59	0.01%	(E)-2-Hexenal	Aliphatic Aldehyde
2	5.64	0.06%	cis-Hex-3-en-1-ol	Aliphatic Alcohol
3	6.07	0.01%	1-Hexanol	Aliphatic Alcohol
4	7.94	1.05%	alpha-Thujene	Monoterpene
5	8.19	2.70%	alpha-Pinene	Monoterpene
6	8.80	0.01%	Camphene	Monoterpene
7	9.74	0.41%	Sabinene	Monoterpene
8	9.90	0.81%	beta-Pinene	Monoterpene
9	10.48	1.03%	Myrcene	Monoterpene
10	11.03	0.01%	Pseudolimonene	Monoterpene
11	11.13	0.58%	alpha-Phellandrene	Monoterpene
12	11.63	11.30%	alpha-Terpinene	Monoterpene
13	11.94	1.64%	para-Cymene	Monoterpene
14	12.24	6.31%	1,8-Cineole	Monoterpene Ether
15	12.98	0.01%	(E)-beta-Ocimene	Monoterpene
16	13.52	19.43%	gamma-Terpinene	Monoterpene
17	13.98	0.06%	trans-Sabinene hydrate	Monoterpenol
18	14.68	4.16%	Terpinolene	Monoterpene
19	14.89	0.04%	para-Cymenene	Monoterpene
20	15.37	0.17%	cis-Sabinene hydrate	Monoterpenol
21	16.19	0.01%	Fenchol	Monoterpenol
22	16.44	0.30%	trans-para-Menth-2-en-1-ol	Monoterpenol
23	16.88	0.01%	para-Menthatriene	Monoterpene
24	16.99	0.01%	Terpinen-1-ol	Monoterpenol
25	17.29	0.20%	cis-para-Menth-2-en-1-ol	Monoterpenol
26	19.19	38.32%	Terpinen-4-ol	Monoterpenol
27	19.38	0.01%	para-Cymen-8-ol	Monoterpenol
28	19.74	3.41%	alpha-Terpineol	Monoterpenol
29	20.36	0.12%	trans-Piperitol	Monoterpenol
30	21.08	0.02%	Nerol	Monoterpenol
31	22.30	0.02%	Geraniol	Monoterpenol
32	23.27	0.02%	trans-Ascaridol glycol	Monoterpenol
33	25.74	0.26%	delta-Elemene	Sesquiterpene
34	26.40	0.05%	alpha-Cubebene	Sesquiterpene
35	27.38	0.05%	Isoledene	Sesquiterpene

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Number	RT	Area %	Compound Name	Chemical Family
36	27.598	0.14%	alpha-Copaene	Sesquiterpene
37	28.21	0.02%	beta-Elemene	Sesquiterpene
38	28.32	0.02%	Sativene	Sesquiterpene
39	28.77	0.01%	Methyl eugenol	Phenylpropanoid
40	28.90	0.28%	alpha-Gurjunene	Sesquiterpene
41	29.38	0.29%	beta-Caryophyllene	Sesquiterpene
42	29.70	0.05%	Longifolene	Sesquiterpene
43	29.97	0.05%	beta-Gurjunene	Sesquiterpene
44	30.17	0.93%	Aromadendrene	Sesquiterpene
45	30.46	0.11%	alpha-Guaiene	Sesquiterpene
46	30.61	0.14%	trans-Muurola-3,5-diene	Sesquiterpene
47	30.85	0.09%	alpha-Humulene	Sesquiterpene
48	31.04	0.41%	allo-Aromadendrene	Sesquiterpene
49	31.58	0.35%	trans-Cadina-1(6),4-diene	Sesquiterpene
50	31.71	0.02%	gamma-Muurolene	Sesquiterpene
51	32.21	0.26%	beta-Guaiene	Sesquiterpene
52	32.35	0.84%	Viridiflorene	Sesquiterpene
53	32.50	0.55%	Bicyclogermacrene	Sesquiterpene
54	32.69	0.10%	alpha-Muurolene	Sesquiterpene
55	33.01	0.01%	(E,E)-alpha-Farnesene	Sesquiterpene
56	33.23	0.01%	gamma-Cadinene	Sesquiterpene
57	33.47	0.91%	delta-Cadinene	Sesquiterpene
58	33.62	0.29%	Zonarene	Sesquiterpene
59	33.99	0.15%	trans-Cadina-1,4-diene	Sesquiterpene
60	35.11	0.08%	Maaliol	Sesquiterpenol
61	35.39	0.05%	Palustrol	Sesquiterpenol
62	35.67	0.04%	Spathulenol	Sesquiterpenol
63	36.00	0.24%	Viridiflorol	Sesquiterpenol
64	36.11	0.02%	Gleenol	Sesquiterpenol
65	36.43	0.12%	32.70 Cubeban-11-ol	0.00
66	36.70	0.03%	Ledol	Sesquiterpenol
67	37.47	0.11%	Rosifoliol	Sesquiterpenol
68	37.62	0.16%	1-epi-Cubenol	Sesquiterpenol
69	37.82	0.03%	Isospathulenol	Sesquiterpenol
70	38.34	0.02%	alpha-Muurolol	Sesquiterpenol

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