

Client



Source



Cajeput (*Melaleuca cajuputi*)
H0D0406K

Sample

Cajeput (*Melaleuca cajuputi*)

Batch #:..... H0D0406K

Type:..... Essential Oil

CAS Number:... 8008-98-8

Natural Sourcing LLC

Client



Website



Primary

58.85%

1,8-Cineole

8.95%

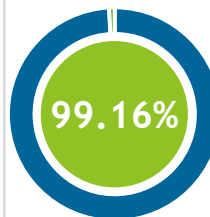
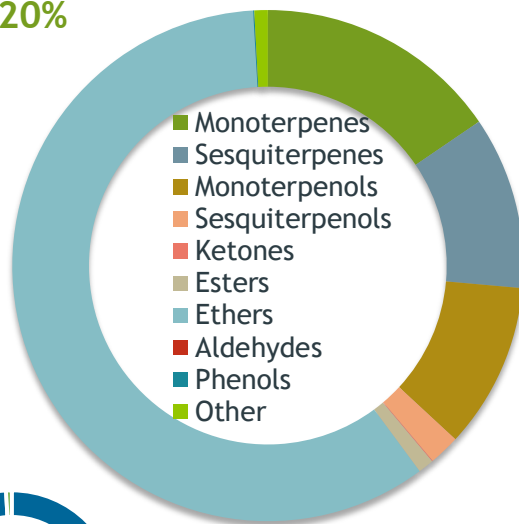
alpha-Terpineol

3.63%

beta-Caryophyllene

Ethers

59.20%



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 Cajeput (*Melaleuca cajuputi*)

Internal Number: | EVS-4279



Essential Validation Services

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

317.361.5044 |

<https://essentialvalidationservices.com/>

Alan Chastain

Monoterpenes	15.48	15.48%
Sesquiterpenes	10.93	10.93%
Monoterpenols	10.48	10.48%
Sesquiterpenols	1.95	1.95%
Ketones	0.05	0.05%
Esters	0.99	0.99%
Ethers	59.20	59.20%
Aldehydes	0.00	0.00%
Phenols	0.07	0.07%
Other	0.85	0.85%

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Cajeput (*Melaleuca cajuputi*)

HOD0406K

Total Percentage		99.16%		
Number	RT	Area %	Compound Name	Chemical Family
1	3.73	0.04%	Ethyl 2-methylbutyrate	Aliphatic Ester
2	5.47	0.01%	2-Methylbutyric acid	Aliphatic Acid
3	7.94	0.51%	alpha-Thujene	Monoterpene
4	8.19	2.80%	alpha-Pinene	Monoterpene
5	8.80	0.02%	Camphene	Monoterpene
6	9.28	0.07%	Benzaldehyde	Simple Phenolic
7	9.74	0.12%	Sabinene	Monoterpene
8	9.91	2.09%	beta-Pinene	Monoterpene
9	10.49	1.21%	Myrcene	Monoterpene
10	11.03	0.07%	Pseudolimonene	Monoterpene
11	11.13	0.13%	alpha-Phellandrene	Monoterpene
12	11.24	0.03%	delta-3-Carene	Monoterpene
13	11.61	0.51%	alpha-Terpinene	Monoterpene
14	11.95	1.09%	para-Cymene	Monoterpene
15	12.16	3.15%	Limonene	Monoterpene
16	12.33	58.85%	1,8-Cineole	Monoterpene Ether
17	12.53	0.01%	(Z)-beta-Ocimene	Monoterpene
18	12.99	0.05%	(E)-beta-Ocimene	Monoterpene
19	13.46	2.45%	gamma-Terpinene	Monoterpene
20	14.68	1.21%	Terpinolene	Monoterpene
21	14.89	0.03%	para-Cymenene	Monoterpene
22	15.40	0.29%	Linalool	Monoterpenol
23	15.85	0.02%	cis-Rose oxide	Monoterpene Ether
24	17.53	0.02%	Isopulegol	Monoterpenol
25	18.55	0.22%	delta-Terpineol	Monoterpenol
26	19.01	0.91%	Terpinen-4-ol	Monoterpenol
27	19.35	0.03%	para-Cymen-8-ol	Monoterpenol
28	19.75	8.95%	alpha-Terpineol	Monoterpenol
29	21.26	0.03%	Citronellol	Monoterpenol
30	22.31	0.03%	Geraniol	Monoterpenol
31	25.97	0.05%	delta-Elemene	Sesquiterpene
32	26.48	0.92%	alpha-Terpinyl acetate	Monoterpene Ester
33	27.39	0.16%	alpha-Ylangene	Sesquiterpene
34	27.67	0.10%	alpha-Copaene	Sesquiterpene
35	27.92	0.03%	Geranyl acetate	Monoterpene Ester

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Number	RT	Area %	Compound Name	Chemical Family
36	28.287	0.21%	beta-Elemene	Monoterpene Ester
37	28.99	0.05%	alpha-Gurjunene	Sesquiterpene
38	29.47	3.63%	beta-Caryophyllene	Sesquiterpene
39	29.96	0.23%	gamma-Elemene	Sesquiterpene
40	30.24	0.10%	Aromadendrene	Sesquiterpene
41	30.42	0.05%	6,9-Guaiadiene	Sesquiterpene
42	30.94	1.72%	alpha-Humulene	Sesquiterpene
43	31.12	0.20%	allo-Aromadendrene	Sesquiterpene
44	31.72	0.21%	gamma-Selinene	Sesquiterpene
45	31.84	0.25%	gamma-Gurjunene	Sesquiterpene
46	31.97	0.36%	alpha-Amorphene	Sesquiterpene
47	32.30	1.53%	beta-Selinene	Sesquiterpene
48	32.43	0.19%	Viridiflorene	Sesquiterpene
49	32.50	0.05%	gamma-Muurolene	Sesquiterpene
50	32.61	1.16%	alpha-Selinene	Sesquiterpene
51	32.78	0.06%	alpha-Muurolene	Sesquiterpene
52	32.94	0.22%	beta-Cadinene	Sesquiterpene
53	33.12	0.02%	(E,E)-alpha-Farnesene	Sesquiterpene
54	33.31	0.07%	gamma-Cadinene	Sesquiterpene
55	33.56	0.17%	delta-Cadinene	Sesquiterpene
56	34.21	0.10%	delta-Guaiene	Sesquiterpene
57	34.71	0.02%	Elemol	Sesquiterpenol
58	35.03	0.04%	Germacrene B	Sesquiterpene
59	35.48	0.02%	Palustrol	Sesquiterpenol
60	35.91	0.23%	Caryophyllene oxide	Sesquiterpene Ether
61	36.08	0.37%	Maaliol	Sesquiterpenol
62	36.41	0.61%	Viridiflorol	Sesquiterpenol
63	36.56	0.14%	Guaiol	Sesquiterpenol
64	36.97	0.10%	Humulene epoxide II	Sesquiterpene Ether
65	37.16	0.05%	iso-Leptospermone	Triketone
66	37.65	0.08%	Ledol	Sesquiterpenol
67	37.72	0.07%	Isospathulenol	Sesquiterpenol
68	37.86	0.07%	gamma-Eudesmol	Sesquiterpenol
69	37.93	0.10%	1-epi-Cubenol	Sesquiterpenol
70	38.14	0.01%	Hinesol	Sesquiterpenol
71	38.27	0.03%	T-Cadinol	Sesquiterpenol

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72	38.66	0.32%	beta-Eudesmol	Sesquiterpenol
73	38.79	0.09%	11-Selinenol-4, alpha	Sesquiterpenol
74	39.11	0.02%	Bulnesol	Sesquiterpenol

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