

Client

WHOLESALE BOTANICS .COM

Source



Cajeput (*Melaleuca cajuputi*)
VA-CAJ

Sample

Cajeput (*Melaleuca cajuputi*)

Batch #:..... VA-CAJ

Type:..... Essential Oil

CAS Number:... 8008-98-8

Wholesale Botanics

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Website



Primary

48.44%

1,8-Cineole

6.66%

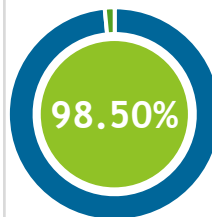
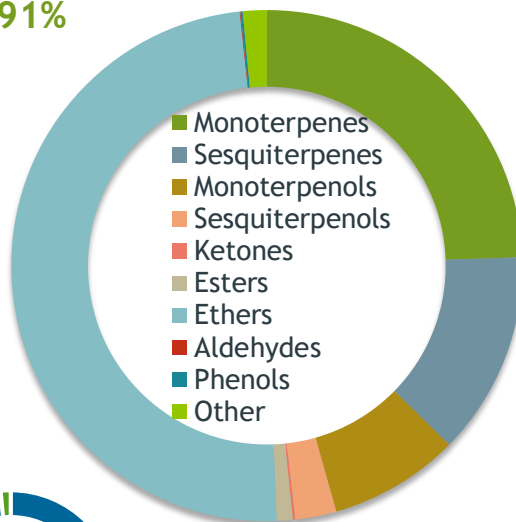
alpha-Terpineol

4.90%

Limonene

Ethers

48.91%



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-5037



Essential Validation Services

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

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

Alan Chastain

Monoterpenes	24.48%	24.48%
Sesquiterpenes	12.88%	12.88%
Monoterpenols	8.26%	8.26%
Sesquiterpenols	2.61%	2.61%
Ketones	0.15%	0.15%
Esters	1.01%	1.01%
Ethers	48.91%	48.91%
Aldehydes	0.05%	0.05%
Phenols	0.14%	0.14%
Other	1.51%	1.51%

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Total Percentage		98.50%		
Number	RT	Area %	Compound Name	Chemical Family
1	7.50	0.01%	Hashishene	Monoterpene
2	7.74	0.41%	alpha-Thujene	Monoterpene
3	7.99	4.21%	alpha-Pinene	Monoterpene
4	8.59	0.08%	Camphene	Monoterpene
5	9.09	0.08%	Benzaldehyde	Simple Phenolic
6	9.53	0.64%	Sabinene	Monoterpene
7	9.69	1.83%	beta-Pinene	Monoterpene
8	10.09	0.02%	6-Methyl-5-hepten-2-one	Aliphatic Ketone
9	10.28	1.68%	Myrcene	Monoterpene
10	10.81	0.05%	Pseudolimonene	Monoterpene
11	10.91	0.75%	alpha-Phellandrene	Monoterpene
12	11.01	0.05%	delta-3-Carene	Monoterpene
13	11.39	1.96%	alpha-Terpinene	Monoterpene
14	11.73	3.16%	o-Cymene	Monoterpene
15	11.94	4.90%	Limonene	Monoterpene
16	12.13	48.44%	1,8-Cineole	Monoterpene Ether
17	12.31	0.07%	(Z)-beta-Ocimene	Monoterpene
18	12.76	0.10%	(E)-beta-Ocimene	Monoterpene
19	13.23	3.50%	gamma-Terpinene	Monoterpene
20	13.75	0.07%	trans-Sabinene hydrate	Monoterpenol
21	14.44	1.03%	Terpinolene	Monoterpene
22	14.65	0.03%	para-Cymenene	Monoterpene
23	15.17	0.32%	Linalool	Monoterpenol
24	15.48	0.01%	Isoamyl isovalerate	Aliphatic Ester
25	15.60	0.01%	cis-Rose oxide	Monoterpene Ether
26	15.95	0.02%	Fenchol	Monoterpenol
27	16.47	0.02%	Alloocimene	Monoterpene
28	16.76	0.01%	cis-para-Mentha-2,8-dien-1-ol	Monoterpenol
29	16.90	0.05%	trans-Pinocarveol	Monoterpenol
30	17.04	0.01%	cis-para-Menth-2-en-1-ol	Monoterpenol
31	17.14	0.12%	Camphor	Monoterpene Ketone
32	17.55	0.05%	Citronellal	Monoterpene Aldehyde
33	18.31	0.18%	delta-Terpineol	Monoterpenol
34	18.76	0.80%	Terpinen-4-ol	Monoterpenol
35	19.00	0.01%	Cryptone	Monoterpene Ketone

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Number	RT	Area %	Compound Name	Chemical Family
36	19.123	0.04%	para-Cymen-8-ol	Monoterpene Ketone
37	19.50	6.66%	alpha-Terpineol	Monoterpenol
38	21.02	0.04%	Citronellol	Monoterpenol
39	22.07	0.06%	Geraniol	Monoterpenol
40	24.76	0.03%	delta-Terpinyl acetate	Monoterpene Ester
41	25.70	0.04%	delta-Elemene	Sesquiterpene
42	26.22	0.92%	alpha-Terpinyl acetate	Monoterpene Ester
43	26.43	0.06%	Eugenol	Phenylpropanoid
44	27.12	0.17%	alpha-Ylangene	Sesquiterpene
45	27.40	0.14%	alpha-Copaene	Sesquiterpene
46	27.56	0.01%	Isodene	Sesquiterpene
47	27.67	0.05%	Geranyl acetate	Monoterpene Ester
48	28.02	0.16%	beta-Elemene	Sesquiterpene
49	28.31	0.01%	1-Tetradecene	Alkene
50	28.71	0.10%	alpha-Gurjunene	Sesquiterpene
51	29.21	4.48%	beta-Caryophyllene	Sesquiterpene
52	29.51	0.02%	Longifolene	Sesquiterpene
53	29.69	0.27%	gamma-Elemene	Sesquiterpene
54	29.97	0.37%	Aromadendrene	Sesquiterpene
55	30.67	1.94%	alpha-Humulene	Sesquiterpene
56	30.84	0.31%	allo-Aromadendrene	Sesquiterpene
57	31.45	0.22%	gamma-Selinene	Sesquiterpene
58	31.57	0.28%	gamma-Gurjunene	Sesquiterpene
59	31.70	0.32%	alpha-Amorphene	Sesquiterpene
60	32.03	1.64%	beta-Selinene	Sesquiterpene
61	32.16	0.33%	Viridiflorene	Sesquiterpene
62	32.34	1.29%	alpha-Selinene	Sesquiterpene
63	32.50	0.02%	alpha-Murolene	Sesquiterpene
64	32.67	0.24%	beta-Cadinene	Sesquiterpene
65	33.04	0.11%	gamma-Cadinene	Sesquiterpene
66	33.29	0.26%	alpha-Cadinene	Sesquiterpene
67	33.93	0.12%	Valencene	Sesquiterpene
68	34.45	0.03%	Elemol	Sesquiterpenol
69	34.75	0.04%	Germacrene B	Sesquiterpene
70	34.92	0.06%	Maaliol	Sesquiterpenol
71	35.21	0.03%	Palustrol	Sesquiterpenol

ESSENTIAL VALIDATION SERVICES | 14 / SW 2ND AVE GAINESVILLE, FLORIDA 32601 | 352-350-5044

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Table with 5 columns: Peak Number, Retention Time, Abundance, Chemical Name, and Compound Class. Rows 72-86 contain data for various compounds like Spathulenol, Caryophyllene oxide, Globulol, etc.

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