

Client



Source



Lemon Tea Tree (*Leptospermum petersonii*)
HOE0902A

Sample

Lemon Tea Tree (*Leptospermum petersonii*)

Batch #:..... HOE0902A

Type:..... Essential Oil

CAS Number:... 85085-43-4

Natural Sourcing LLC

Client



Website



Primary

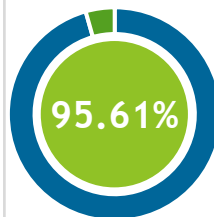
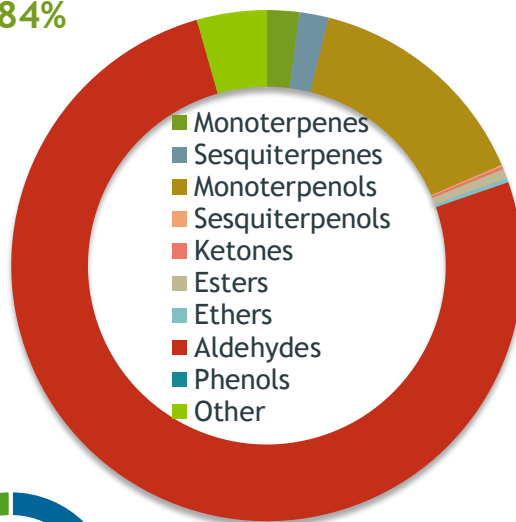
27.21% | Citronellal

26.81% | Geranial

20.36% | Neral

Aldehydes

75.84%



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 Lemon Tea Tree (*Leptospermum petersonii*)

Internal Number: | EVS-4854



Essential Validation Services

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

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

Alan Chastain

Monoterpenes	2.04%
Sesquiterpenes	1.86%
Monoterpenols	14.65%
Sesquiterpenols	0.10%
Ketones	0.18%
Esters	0.60%
Ethers	0.27%
Aldehydes	75.84%
Phenols	0.00%
Other	4.42%

- 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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NATURAL SOURCING
 Cosmetic and Personal Care Ingredient Specialists
 PROUDLY SERVING YOU FOR OVER 30 YEARS

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Total Percentage		95.61%		
Number	RT	Area %	Compound Name	Chemical Family
1	5.56	0.01%	(E)-2-Hexenal	Aliphatic Aldehyde
2	5.62	0.03%	cis-Hex-3-en-1-ol	Aliphatic Alcohol
3	7.90	0.03%	alpha-Thujene	Monoterpene
4	8.14	0.29%	alpha-Pinene	Monoterpene
5	9.69	0.04%	Sabinene	Monoterpene
6	9.85	0.15%	beta-Pinene	Monoterpene
7	10.23	0.14%	6-Methyl-5-hepten-2-one	Aliphatic Ketone
8	10.43	1.13%	Myrcene	Monoterpene
9	10.97	0.02%	Pseudolimonene	Monoterpene
10	11.88	0.03%	para-Cymene	Monoterpene
11	12.08	0.15%	Limonene	Monoterpene
12	12.18	0.17%	1,8-Cineole	Monoterpene Ether
13	12.92	0.07%	(E)-beta-Ocimene	Monoterpene
14	13.19	0.08%	Bergamal	Aliphatic Aldehyde
15	13.39	0.06%	gamma-Terpinene	Monoterpene
16	13.96	0.02%	p-Mentha-3,8-diene	Monoterpene
17	14.62	0.05%	Terpinolene	Monoterpene
18	14.69	0.01%	trans-Linalool oxide (5) (furanoid)	Monoterpenol
19	15.35	2.74%	Linalool	Monoterpenol
20	15.78	0.03%	cis-Rose oxide	Monoterpene Ether
21	16.27	0.01%	trans-para-Mentha-2,8-dien-1-ol	Monoterpenol
22	16.51	0.01%	trans-Rose oxide	Monoterpene Ether
23	17.33	0.07%	exo-Isocitral	Monoterpene Aldehyde
24	17.47	3.50%	neo-Isopulegol	Monoterpenol
25	17.60	0.04%	13.45 Menth-3-en-8-ol<para->	0.00
26	17.84	27.21%	Citronellal	Monoterpene Aldehyde
27	17.93	1.82%	Isopulegol	Monoterpenol
28	18.18	0.53%	(Z)-isocitral	Monoterpene Aldehyde
29	18.56	0.06%	para-Mentha-1,5-dien-8-ol	Monoterpenol
30	19.03	0.77%	(E)-Isocitral	Monoterpene Aldehyde
31	19.63	0.12%	alpha-Terpineol	Monoterpenol
32	20.16	0.05%	trans-Carveol	Monoterpenol
33	21.07	0.71%	Nerol	Monoterpenol
34	21.28	3.47%	Citronellol	Monoterpenol
35	21.74	20.36%	Neral	Monoterpene Aldehyde

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

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Number	RT	Area %	Compound Name	Chemical Family
36	21.863	0.04%	Carvone	Monoterpene Aldehyde
37	22.30	2.16%	Geraniol	Monoterpenol
38	23.13	26.81%	Geranial	Monoterpene Aldehyde
39	23.29	0.03%	Citronellyl formate	Monoterpene Ester
40	25.36	0.04%	Methyl geranate	Monoterpene Ester
41	25.75	0.15%	delta-Elemene	Sesquiterpene
42	26.40	0.02%	alpha-Cubebene	Sesquiterpene
43	26.62	0.32%	Citronellyl acetate	Monoterpene Ester
44	27.00	0.03%	Neryl acetate	Monoterpene Ester
45	27.59	0.05%	alpha-Copaene	Sesquiterpene
46	27.85	0.18%	Geranyl acetate	Monoterpene Ester
47	28.21	0.46%	beta-Elemene	Sesquiterpene
48	29.38	0.35%	beta-Caryophyllene	Sesquiterpene
49	30.16	0.01%	Aromadendrene	Sesquiterpene
50	30.85	0.04%	alpha-Humulene	Sesquiterpene
51	31.04	0.04%	allo-Aromadendrene	Sesquiterpene
52	31.65	0.03%	gamma-Selinene	Sesquiterpene
53	31.91	0.13%	Germacrene D	Sesquiterpene
54	32.22	0.04%	beta-Selinene	Sesquiterpene
55	32.35	0.04%	Viridiflorene	Sesquiterpene
56	32.51	0.33%	Bicyclogermacrene	Sesquiterpene
57	32.68	0.02%	alpha-Muurolene	Sesquiterpene
58	33.03	0.05%	(E,E)-alpha-Farnesene	Sesquiterpene
59	33.12	0.01%	beta-Bisabolene	Sesquiterpene
60	33.23	0.02%	gamma-Cadinene	Sesquiterpene
61	33.47	0.07%	beta-Cadinene	Sesquiterpene
62	35.66	0.05%	Spathulenol	Sesquiterpenol
63	35.82	0.06%	Caryophyllene oxide	Sesquiterpene Ether
64	52.12	0.05%	Geranyl Linalool	Sesquiterpenol