

Client



Source

Lemon Tea Tree (*Leptospermum petersonii*)

AU-59449 - Australia

Sample

Lemon Tea Tree (*Leptospermum petersonii*)

Identification #: AU-59449

Type:..... Essential Oil

CAS Number:... 85085-43-4

Nature's Gift

Properties

Country Of Origin | Australia

Specific Gravity | NT

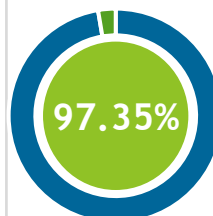
Refractive Index | NT

Primary

32.35% | Geranial27.80% | Neral21.99% | Citronellal

Aldehydes

84.32%



Percentage Identified

■ Monoterpenes
 ■ Sesquiterpenes
 ■ Monoterpenols
 ■ Sesquiterpenols
 ■ Ketones
 ■ Esters
 ■ Ethers
 ■ Aldehydes
 ■ Phenols
 ■ Other

Result



6/19/2025

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-6776



Essential Validation Services

240 Goose Hollow Road

Berthoud, CO 80513

317.361.5044 |

<https://essentialvalidationservices.com/>

Monoterpenes	0.47%
Sesquiterpenes	1.03%
Monoterpenols	10.77%
Sesquiterpenols	0.00%
Ketones	0.02%
Esters	0.35%
Ethers	0.23%
Aldehydes	84.32%
Phenols	0.00%
Other	2.67%

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Total Percentage		97.35%		
Number	RT	Area %	Compound Name	Chemical Family
1	7.52	0.02%	Isobutyl isobutyrate	Aliphatic Ester
2	8.17	0.05%	alpha-Pinene	Monoterpene
3	9.71	0.02%	Sabinene	Monoterpene
4	9.87	0.14%	beta-Pinene	Monoterpene
5	10.27	0.02%	6-Methyl-5-hepten-2-one	Aliphatic Ketone
6	10.46	0.04%	Myrcene	Monoterpene
7	12.11	0.11%	Limonene	Monoterpene
8	12.20	0.20%	1,8-Cineole	Monoterpene Ether
9	12.49	0.02%	(Z)-beta-Ocimene	Monoterpene
10	12.95	0.02%	(E)-beta-Ocimene	Monoterpene
11	13.41	0.03%	gamma-Terpinene	Monoterpene
12	13.98	0.01%	p-Mentha-3,8-diene	Monoterpene
13	14.63	0.03%	Terpinolene	Monoterpene
14	15.37	0.21%	Linalool	Monoterpenol
15	15.78	0.01%	cis-Rose oxide	Monoterpene Ether
16	17.33	0.25%	exo-Isocitral	Monoterpene Aldehyde
17	17.48	1.37%	neo-Isopulegol	Monoterpenol
18	17.80	21.99%	Citronellal	Monoterpene Aldehyde
19	17.93	0.80%	Isopulegol	Monoterpenol
20	18.18	0.48%	(Z)-isocitral	Monoterpene Aldehyde
21	19.03	1.45%	(E)-Isocitral	Monoterpene Aldehyde
22	19.66	0.14%	alpha-Terpineol	Monoterpenol
23	19.78	0.02%	Dihydrocitronellol	Synthetic
24	20.18	0.10%	trans-Carveol	Monoterpenol
25	20.68	0.14%	trans-Piperitol	Monoterpenol
26	21.06	0.48%	Nerol	Monoterpenol
27	21.27	4.97%	Citronellol	Monoterpenol
28	21.73	27.80%	Neral	Monoterpene Aldehyde
29	22.28	2.56%	Geraniol	Monoterpenol
30	23.10	32.35%	Geranial	Monoterpene Aldehyde
31	23.27	0.02%	Citronellyl formate	Monoterpene Ester
32	26.06	0.14%	21.44 Menthol<8-hydroxy-neo->	0.00
33	26.60	0.31%	Citronellyl acetate	Monoterpene Ester
34	27.55	0.10%	alpha-Copaene	Sesquiterpene
35	28.08	0.02%	beta-Cubebene	Sesquiterpene



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