

Lemon Eucalyptus

Eucalyptus citriadora

Australia

Batch #AU-59139

Monoterpenes 2.41%

β pinene	0.76
α pinene	0.35
limonene	0.33
γ terpinene	0.20
myrcene	0.17
(Z) β ocimene	0.15
terpinolene	0.13
sabinene	0.12
p-mentha-3,8-diene	0.06
(E) β ocimene	0.04
ortho-cymene	0.04
alloocimene	0.03
α thujene	0.03

Monoterpenols 18.8%

citronellol	9.87
isopulegol	6.02
neo-isopulegol	2.21
linalool	0.33
geraniol	0.14
α terpineol	0.13
terpinen-4-ol	0.05
nerol	0.05

Aldehydes 68%

citranellal	67.75
bergamal	0.13
geranial	0.07
neral	0.05

Ketones 0.14%

isopinocampone	0.12
isomethone	0.02

Esters 2.21%

citronellyl acetate	1.90
isobutyl isobutyrate	0.11
methyl citronellate	0.07
2-methylbutyl isobutyrate	0.05
geranyl acetate	0.04
isoamyl isobutyrate	0.04

Ethers 2.19%

1,8 cineole	1.99
cis-rose oxide	0.12
trans rose oxide	0.05
caryophyllene oxide	0.03

Phenols 0.01%

methyl eugenol	0.01
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Sesquiterpene 1.1%

β caryophyllene	0.84
δ cadinene	0.09
α humulene	0.05
bicyclogermacrene	0.05
germacrene D	0.04
β elemene	0.02
γ muurolene	0.01

Sesquiterpenols 0.02%

α cadinol	0.02
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Client



Source



Lemon Eucalyptus (*Eucalyptus citriadora*)
AU-59139

Sample

Lemon Eucalyptus (*Eucalyptus citriadora*)
Batch #:..... AU-59139
Type:..... Essential Oil
CAS Number:... 129828-24-6
Nature's Gift

Client



Website

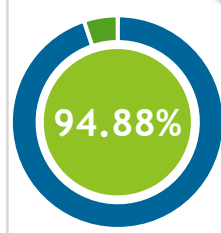
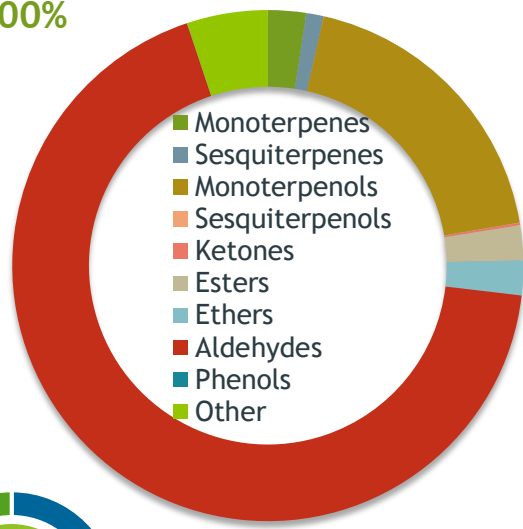


Primary

67.75% | Citronellal
9.87% | Citronellol
6.02% | Isopulegol

Aldehydes

68.00%



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 Eucalyptus (*Eucalyptus citriadora*)

Internal Number: | EVS-4175



Essential Validation Services

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

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

Alan Christen

Monoterpenes	2.41%
Sesquiterpenes	1.10%
Monoterpenols	18.80%
Sesquiterpenols	0.02%
Ketones	0.14%
Esters	2.21%
Ethers	2.19%
Aldehydes	68.00%
Phenols	0.01%
Other	5.12%

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

- Essential Oil testing is performed by using qualitative GC-MS. Method: SOP.T.01 Client Method
- This report may not be published without the consent of Essential Validation Services.
- Chromatograph image may be requested
- This report is valid for 1 year from the analyzed date

Client



Source

Lemon Eucalyptus (*Eucalyptus citriadora*)

AU-59139

Total Percentage		94.88%		
Number	RT	Area %	Compound Name	Chemical Family
1	7.65	0.11%	Isobutyl isobutyrate	Aliphatic Ester
2	8.04	0.03%	alpha-Thujene	Monoterpene
3	8.29	0.35%	alpha-Pinene	Monoterpene
4	9.86	0.12%	Sabinene	Monoterpene
5	10.02	0.76%	beta-Pinene	Monoterpene
6	10.61	0.17%	Myrcene	Monoterpene
7	11.61	0.04%	Isoamyl isobutyrate	Aliphatic Ester
8	11.74	0.05%	2-Methylbutyl isobutyrate	Aliphatic Ester
9	12.06	0.04%	ortho-Cymene	Monoterpene
10	12.27	0.33%	Limonene	Monoterpene
11	12.37	1.99%	1,8-Cineole	Monoterpene Ether
12	12.65	0.15%	(Z)-beta-Ocimene	Monoterpene
13	13.11	0.04%	(E)-beta-Ocimene	Monoterpene
14	13.38	0.13%	Bergamal	Aliphatic Aldehyde
15	13.58	0.20%	gamma-Terpinene	Monoterpene
16	14.16	0.06%	p-Mentha-3,8-diene	Monoterpene
17	14.81	0.13%	Terpinolene	Monoterpene
18	15.55	0.33%	Linalool	Monoterpenol
19	15.98	0.12%	cis-Rose oxide	Monoterpene Ether
20	16.71	0.05%	trans-Rose oxide	Monoterpene Ether
21	16.84	0.03%	Alloocimene	Monoterpene
22	17.70	6.02%	Isopulegol	Monoterpenol
23	18.12	67.75%	Citronellal	Monoterpene Aldehyde
24	18.17	2.21%	neo-Isopulegol	Monoterpenol
25	18.48	0.02%	Isomenthone	Monoterpene Ketone
26	19.12	0.12%	Isopinocampone	Monoterpene Ketone
27	19.17	0.05%	Terpinen-4-ol	Monoterpenol
28	19.85	0.13%	alpha-Terpineol	Monoterpenol
29	21.26	0.05%	Nerol	Monoterpenol
30	21.47	9.87%	Citronellol	Monoterpenol
31	21.85	0.05%	Neral	Monoterpene Aldehyde
32	22.46	0.14%	Geraniol	Monoterpenol
33	22.80	0.07%	Methyl citronellate	Monoterpene Ester
34	23.19	0.07%	Geranial	Monoterpene Aldehyde
35	26.84	1.90%	Citronellyl acetate	Monoterpene Ester

