

Client



Source



Organic Citronella (*Cymbopogon winterianus*)
62341

Sample

Organic Citronella (*Cymbopogon*

Batch #:..... 62341

Type:..... Essential Oil

CAS Number:... 8000-29-1

Natural Sourcing LLC

Client



Website



Primary

33.85%

Citronellal

19.24%

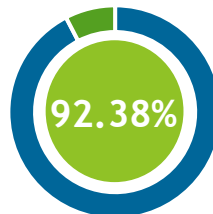
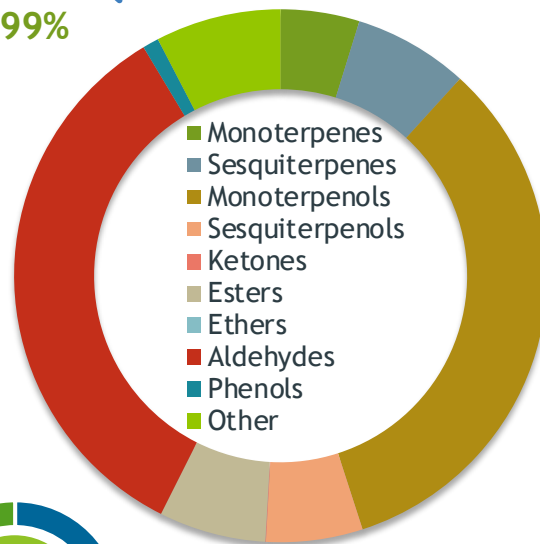
Geraniol

11.48%

Citronellol

Aldehydes

33.99%



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 Organic Citronella (*Cymbopogon winterianus*)

Internal Number: | EVS-2859



Essential Validation Services

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Gainesville, FL 32601

317.361.5044 |

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Monoterpenes	4.78%	4.78%
Sesquiterpenes	6.98%	6.98%
Monoterpenols	33.26%	33.26%
Sesquiterpenols	5.86%	5.86%
Ketones	0.04%	0.04%
Esters	6.49%	6.49%
Ethers	0.00%	0.00%
Aldehydes	33.99%	33.99%
Phenols	0.98%	0.98%
Other	7.62%	7.62%

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Total Percentage		92.38%			
Number	RT	Area %	Compound Name	RI	Chemical Family
1	12.38	0.02%	Tricyclene	923.00	Monoterpene
2	12.87	0.08%	alpha-Thujene	927.80	Monoterpene
3	13.49	0.06%	Camphene	950.30	Monoterpene
4	14.54	0.01%	Sabinene	973.00	Monoterpene
5	15.10	0.04%	6-Methyl-5-hepten-2-one	982.00	Aliphatic Ketone
6	15.27	0.10%	Myrcene	989.20	Monoterpene
7	15.83	0.01%	alpha-Phellandrene	1002.00	Monoterpene
8	16.85	3.81%	Limonene	1029.50	Monoterpene
9	17.21	0.17%	(Z)-beta-Ocimene	1037.80	Monoterpene
10	17.64	0.18%	(E)-beta-Ocimene	1047.70	Monoterpene
11	19.32	0.06%	Terpinolene	1092.10	Monoterpene
12	19.75	0.72%	Linalool	1099.00	Monoterpenol
13	20.90	0.28%	allo-Ocimene	1129.90	Monoterpene
14	21.60	0.95%	Isopulegol	1151.25	Monoterpenol
15	21.96	33.85%	Citronellal	1154.50	Monoterpene Aldehyde
16	22.05	0.29%	Isoisopulegol	1156.05	Monoterpenol
17	22.55	0.06%	Borneol	1168.71	Monoterpenol
18	22.85	0.06%	Terpinen-4-ol	1180.57	Monoterpenol
19	23.34	0.09%	alpha-Terpineol	1191.71	Monoterpenol
20	23.78	0.14%	Decanal	1206.57	Aliphatic Aldehyde
21	24.66	11.48%	Citronellol	1229.25	Monoterpenol
22	25.11	0.37%	Nerol	1230.67	Monoterpenol
23	25.67	19.24%	Geraniol	1255.29	Monoterpenol
24	28.92	2.78%	Citronellyl acetate	1357.83	Monoterpene Ester
25	29.17	0.74%	Eugenol	1365.89	Phenylpropanoid
26	29.93	3.71%	Geranyl acetate	1379.20	Monoterpene Ester
27	30.17	0.12%	beta-Bourbonene	1388.70	Sesquiterpene
28	30.40	1.58%	beta-Elemene	1389.20	Sesquiterpene
29	30.64	0.09%	Methyl Eugenol	1407.27	Phenylpropanoid
30	31.37	0.71%	beta-Caryophyllene	1427.14	Sesquiterpene
31	32.16	0.11%	beta-Copaene	1445.00	Sesquiterpene
32	32.46	0.21%	allo-Aromadendrene	1471.00	Sesquiterpene
33	33.12	0.17%	gamma-Muurolene	1478.86	Sesquiterpene
34	33.32	1.07%	Germacrene D	1484.71	Sesquiterpene
35	33.48	0.15%	(E)-Methyl isoeugenol	1490.00	Phenylpropanoid

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

