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Balancing Body, Mind and Spirit with Pure Essential Oils
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Lemon

Citrus limon

Batch No. #IT-59301
Italy

Monoterpene	92.71%	Aldehydes	3.16%	Sesquiterpenes	2.01%
limonene	63.63	geranal	1.77	β bisabolene	0.85
β pinene	10.58	neral	1.01	(E) α bergamotene	0.55
γ terpinene	10.57	citronellal	0.10	isocaryophyllene	0.29
sabinene	2.03	nonanal	0.10	(Z) α bisabolene	0.06
myrcene	1.95	octanal	0.09	(E) β farnesene	0.04
α pinene	1.86	perilla aldehyde	0.04	bicyclogermacrene	0.04
para cymene	0.66	decanal	0.03	(Z) α bergamotene	0.04
terpinolene	0.51	undecanal	0.02	zingiberene	0.03
α thujene	0.47			(E) α bisabolene	0.02
α terpinene	0.25			α humulene	0.02
(E) β ocimene	0.10			β caryophyllene	0.02
camphene	0.06			δ elemene	0.02
(Z) β ocimene	0.04			β santalene	0.02
				valencene	0.01
Monoterpenols	0.49%	Esters	1.08%	Sesquiterpenols	0.07%
α terpineol	0.19	neryl acetate	0.72	α bisabolol	0.04
linalool	0.18	geranyl acetate	0.30	germacrene D-4-ol	0.02
citronellol	0.03	citronellyl acetate	0.04	viridiflorol	0.01
nerol	0.03	neryl propionate	0.01		
trans Sabinene hydrate	0.03	geranyl propionate	0.01		
terpinen-4-ol	0.02				
geraniol	0.01				
Ketones	0.04%	Ethers	0.02%	Other	0.04%
6-methyl-5-hepten-2-one	0.02	(Z) limonene oxide	0.01	tetradecane	0.01
camphor	0.01	(E) limonene oxide	0.01	tridecane	0.01
carvone	0.01			1-tetradecene	0.01
				nonacosane	0.01

Client



Source



Lemon (*Citrus x limon*)
IT-59301

Lemon (*Citrus x limon*)
Batch #: IT-59301
Type: Essential Oil
CAS Number: 8008-56-8
Nature's Gift

Sample



Website

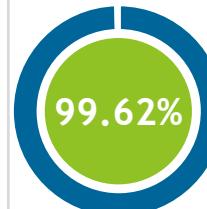
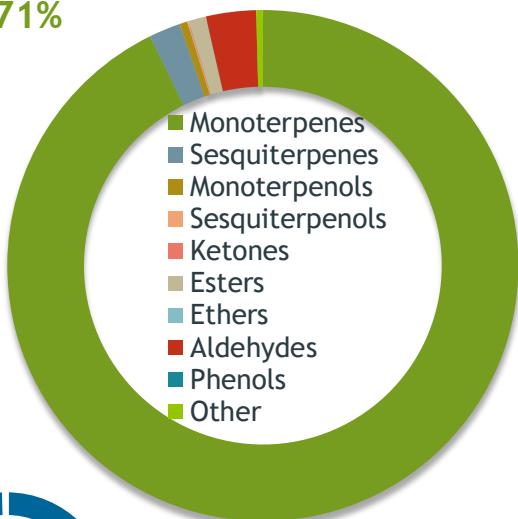


Primary

63.63% Limonene
10.58% beta-Pinene
10.57% gamma-Terpinene

Monoterpenes

92.71%



Percentage Identified

Result

APPROVED

Conclusion

No adulterants, diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine Essential Oil of Lemon (*Citrus x limon*)

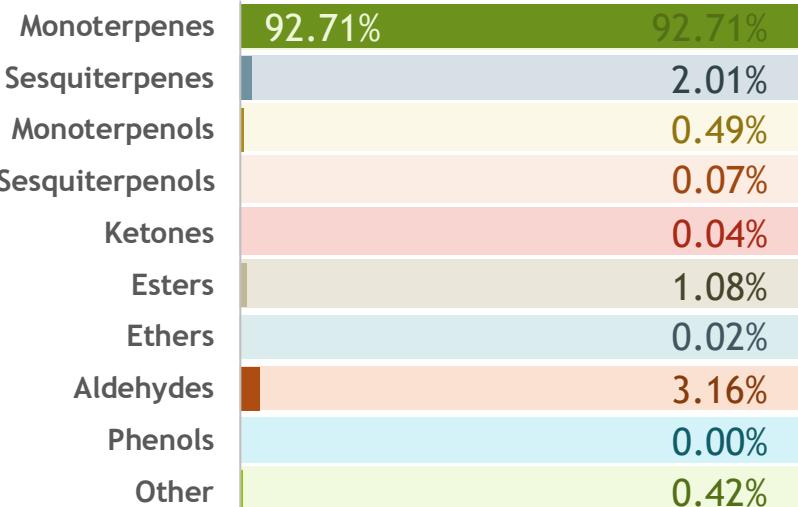
Internal Number: | EVS-5445



Essential Validation
Services

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Gainesville, Fl 32601

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



Client



Source

*Lemon (Citrus x limon)*

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Total Percentage	99.62%			
Number	RT	Area %	Compound Name	Chemical Family
1	7.70	0.47%	alpha-Thujene	Monoterpene
2	7.94	1.86%	alpha-Pinene	Monoterpene
3	8.54	0.06%	Camphene	Monoterpene
4	9.49	2.03%	Sabinene	Monoterpene
5	9.67	10.58%	beta-Pinene	Monoterpene
6	10.04	0.02%	6-Methyl-5-hepten-2-one	Aliphatic Ketone
7	10.24	1.95%	Myrcene	Monoterpene
8	10.83	0.09%	Octanal	Aliphatic Aldehyde
9	11.34	0.25%	alpha-Terpinene	Monoterpene
10	11.72	0.66%	para-Cymene	Monoterpene
11	12.09	63.63%	Limonene	Monoterpene
12	12.27	0.04%	(Z)-beta-Ocimene	Monoterpene
13	12.71	0.10%	(E)-beta-Ocimene	Monoterpene
14	13.24	10.57%	gamma-Terpinene	Monoterpene
15	13.69	0.03%	trans-Sabinene hydrate	Monoterpenol
16	14.38	0.51%	Terpinolene	Monoterpene
17	15.11	0.18%	Linalool	Monoterpenol
18	15.32	0.10%	Nonanal	Aliphatic Aldehyde
19	16.51	0.01%	cis-Limonene oxide	Monoterpene Ether
20	16.72	0.01%	trans-Limonene oxide	Monoterpene Ether
21	17.08	0.01%	Camphor	Monoterpene Ketone
22	17.48	0.10%	Citronellal	Monoterpene Aldehyde
23	18.69	0.02%	Terpinen-4-ol	Monoterpenol
24	19.38	0.19%	alpha-Terpineol	Monoterpenol
25	19.98	0.03%	Decanal	Aliphatic Aldehyde
26	20.79	0.03%	Nerol	Monoterpenol
27	21.07	0.03%	Citronellol	Monoterpenol
28	21.38	1.01%	Neral	Monoterpene Aldehyde
29	21.56	0.01%	Carvone	Monoterpene Ketone
30	22.00	0.01%	Geraniol	Monoterpenol
31	22.75	1.77%	Geranial	Monoterpene Aldehyde
32	22.95	0.04%	Perilla aldehyde	Monoterpene Aldehyde
33	24.27	0.01%	Tridecane	Alkane
34	24.54	0.02%	Undecanal	Sesquiterpene Aldehyde
35	25.47	0.02%	delta-Elemene	Sesquiterpene

Client



Source

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Number	RT	Area %	Compound Name	Chemical Family
36	26.368	0.04%	Citronellyl acetate	Sesquiterpene
37	26.75	0.72%	Neryl acetate	Monoterpene Ester
38	27.59	0.30%	Geranyl acetate	Monoterpene Ester
39	28.21	0.01%	1-Tetradecene	Alkene
40	28.59	0.01%	Tetradecane	Alkane
41	28.95	0.04%	cis-alpha-Bergamotene	Sesquiterpene
42	29.11	0.29%	Isocaryophyllene	Sesquiterpene
43	29.79	0.55%	trans-alpha-Bergamotene	Sesquiterpene
44	29.89	0.02%	beta-Caryophyllene	Sesquiterpene
45	30.50	0.01%	Neryl propionate	Monoterpene Ester
46	30.57	0.02%	alpha-Humulene	Sesquiterpene
47	30.68	0.04%	(E)-beta-Farnesene	Sesquiterpene
48	30.82	0.02%	beta-Santalene	Sesquiterpene
49	31.36	0.01%	Geranyl propionate	Monoterpene Ester
50	31.83	0.03%	Zingiberene	Sesquiterpene
51	32.11	0.01%	Valencene	Sesquiterpene
52	32.23	0.04%	Bicyclogermacrene	Sesquiterpene
53	32.58	0.06%	cis-alpha-Bisabolene	Sesquiterpene
54	32.86	0.85%	beta-Bisabolene	Sesquiterpene
55	34.14	0.02%	trans-alpha-Bisabolene	Sesquiterpene
56	35.40	0.02%	Germacrene D-4-ol	Sesquiterpenol
57	36.99	0.01%	Viridiflorol	Sesquiterpenol
58	39.66	0.04%	alpha-Bisabolol	Sesquiterpenol
59	62.22	0.01%	Nonacosane	Alkane

- 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