



316 Old Hickory Blvd East, Madison, TN 37115

tel (615)612-4270 fax (615)860-9171

sold@naturesgift.com

Balancing Body, Mind and Spirit with Pure Essential Oils

Since 1995

www.naturesgift.com

Lemon

Citrus limon

Batch No. #IT-59301

Italy

Monoterpenes	92.71%	Aldehydes	3.16%	Sesquiterpenes	2.01%
limonene	63.63	geranial	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

Sample

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

Client



Website

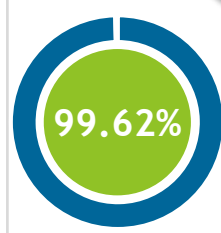
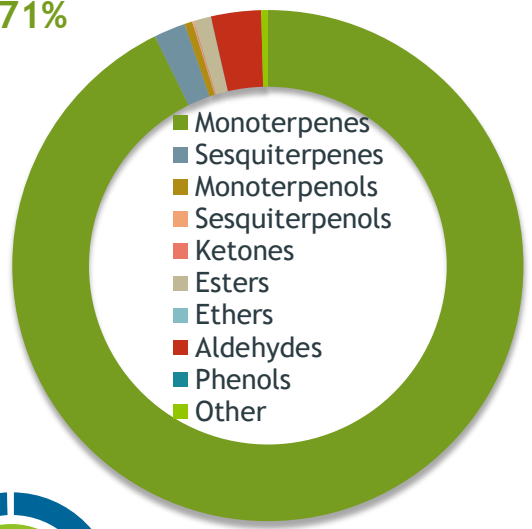


Primary

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

Monoterpenes

92.71%



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 (*Citrus x limon*)

Internal Number: | EVS-5445



Essential Validation Services

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

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

Alan Christen

Monoterpenes	92.71%	92.71%
Sesquiterpenes		2.01%
Monoterpenols		0.49%
Sesquiterpenols		0.07%
Ketones		0.04%
Esters		1.08%
Ethers		0.02%
Aldehydes		3.16%
Phenols		0.00%
Other		0.42%

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

Client



Source

Lemon (*Citrus x limon*)

IT-59301

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-Elementene	Sesquiterpene

