



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-59279

Italy

Monoterpenes	92.49%	Aldehydes	2.78%	Sesquiterpenes	1.68%
limonene	62.40	geranial	1.60	β bisabolene	0.75
β pinene	12.17	neral	0.91	trans α bergamotene	0.47
γ terpinene	9.47	citronellal	0.10	β caryophyllene	0.28
sabinene	2.27	nonanal	0.09	cis α bisabolene	0.05
α pinene	2.00	decanal	0.03	(E) β farnesene	0.03
myrcene	1.96	perilla aldehyde	0.03	bicyclgermacrene	0.02
para cymene	0.86	undecanal	0.02	cis α bergamotene	0.02
α thujene	0.50			zingiberene	0.02
terpinolene	0.41			eremophilene	0.02
α terpinene	0.18			(E) α bisabolene	0.01
(E) β ocimene	0.09			α humulene	0.01
camphene	0.08				
α phellandrene	0.07				
(Z) β ocimene	0.03				
		Esters	1.46%	Sesquiterpenols	0.1%
		neryl acetate	0.98	spathulenol	0.07
Monoterpenols	0.82%	geranyl acetate	0.44	epi- α -bisabolol	0.03
α terpineol	0.29	citronellyl acetate	0.04		
linalool	0.28				
trans Sabinene hydrate	0.07				
terpinen-4-ol	0.03	Ethers	0.08%	Ketones	0.04%
nerol	0.09	(Z) limonene oxide	0.05	6-methyl-5-hepten-2-one	0.02
citronellol	0.03	(E) limonene oxide	0.03	camphor	0.02
geraniol	0.02				
ascaridole	0.01				
Other	0.02%				
tetradecane	0.02				

Client



Source



Lemon (*Citrus x limon*)
IT-59279

Sample

Lemon (*Citrus x limon*)
Batch #:..... IT-59279
Type:..... Essential Oil
CAS Number:.... 8008-56-8

Nature's Gift

Client



Website

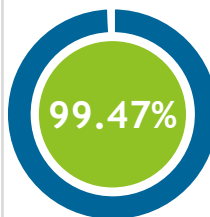
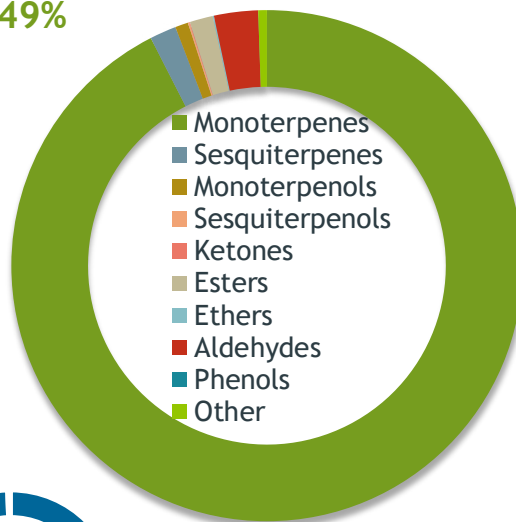


Primary

62.40% | Limonene
12.17% | beta-Pinene
9.47% | gamma-Terpinene

Monoterpenes

92.49%



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-5257



Essential Validation Services

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

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

Alan Christen

Monoterpenes	92.49%	92.49%
Sesquiterpenes		1.68%
Monoterpenols		0.82%
Sesquiterpenols		0.10%
Ketones		0.04%
Esters		1.46%
Ethers		0.08%
Aldehydes		2.78%
Phenols		0.00%
Other		0.55%

- 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 (*Citrus x limon*)

IT-59279

Total Percentage		99.47%		
Number	RT	Area %	Compound Name	Chemical Family
1	7.75	0.50%	alpha-Thujene	Monoterpene
2	7.99	2.00%	alpha-Pinene	Monoterpene
3	8.60	0.08%	Camphene	Monoterpene
4	9.54	2.27%	Sabinene	Monoterpene
5	9.71	12.17%	beta-Pinene	Monoterpene
6	10.10	0.02%	6-Methyl-5-hepten-2-one	Aliphatic Ketone
7	10.28	1.96%	Myrcene	Monoterpene
8	10.92	0.07%	alpha-Phellandrene	Monoterpene
9	11.39	0.18%	alpha-Terpinene	Monoterpene
10	11.74	0.86%	para-Cymene	Monoterpene
11	12.04	62.40%	Limonene	Monoterpene
12	12.31	0.03%	(Z)-beta-Ocimene	Monoterpene
13	12.77	0.09%	(E)-beta-Ocimene	Monoterpene
14	13.25	9.47%	gamma-Terpinene	Monoterpene
15	13.76	0.07%	trans-Sabinene hydrate	Monoterpenol
16	14.45	0.41%	Terpinolene	Monoterpene
17	15.18	0.28%	Linalool	Monoterpenol
18	15.40	0.09%	Nonanal	Aliphatic Aldehyde
19	16.59	0.05%	cis-Limonene oxide	Monoterpene Ether
20	16.79	0.03%	trans-Limonene oxide	Monoterpene Ether
21	17.17	0.02%	Camphor	Monoterpene Ketone
22	17.56	0.10%	Citronellal	Monoterpene Aldehyde
23	18.78	0.03%	Terpinen-4-ol	Monoterpenol
24	19.47	0.29%	alpha-Terpineol	Monoterpenol
25	20.06	0.03%	Decanal	Aliphatic Aldehyde
26	20.88	0.09%	Nerol	Monoterpenol
27	21.16	0.03%	Citronellol	Monoterpenol
28	21.45	0.91%	Neral	Monoterpene Aldehyde
29	22.08	0.02%	Geraniol	Monoterpenol
30	22.81	1.60%	Geranial	Monoterpene Aldehyde
31	23.03	0.03%	Perilla aldehyde	Monoterpene Aldehyde
32	24.35	0.01%	Ascaridole	Monoterpenol
33	24.62	0.02%	Undecanal	Sesquiterpene Aldehyde
34	26.45	0.04%	Citronellyl acetate	Monoterpene Ester
35	26.83	0.98%	Neryl acetate	Monoterpene Ester

