



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

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Green Mandarinine *Citrus reticulata (Citrus nobilis)*

Batch No. #BR-59327

Brazil

Monoterpenes 94.47%

limonene	57.46
γ terpinene	23.58
α pinene	3.16
myrcene	2.59
β pinene	2.51
isoterpinolene	1.45
α thujene	1.30
para cymene	1.12
α terpinene	0.73
sabinene	0.42
α phellandrene	0.10
(E) β ocimene	0.04
camphene	0.01

Aldehydes 1%

α sinensal	0.55
decanal	0.15
octanal	0.15
perilla aldehyde	0.06
dodecanal	0.04
nonanal	0.03
citronellal	0.02

Monoterpenols 1.2%

α terpineol	0.38
linalol	0.37
thymol	0.21
terpinen-4-ol	0.09
(E) sabinene hydrate	0.07
ascaridole	0.05
menthol	0.03

Sesquiterpenes 0.95%

(E,E) α farnesene	0.54
β caryophyllene	0.28
α selinene	0.12
α humulene	0.01

Esters 1.34%

Methyl N-methylantranilate	1.34
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Date of Analysis: 5/30/2023

Client



Source



Green Mandarinine (*Citrus reticulata*, blanco)
BR-59327

Sample

Green Mandarinine (*Citrus reticulata*, blanco)
Batch #:..... BR-59327
Type:..... Essential Oil
CAS Number:.....
Nature's Gift

Client



Website

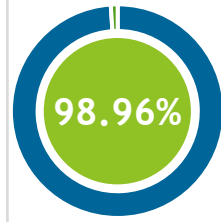
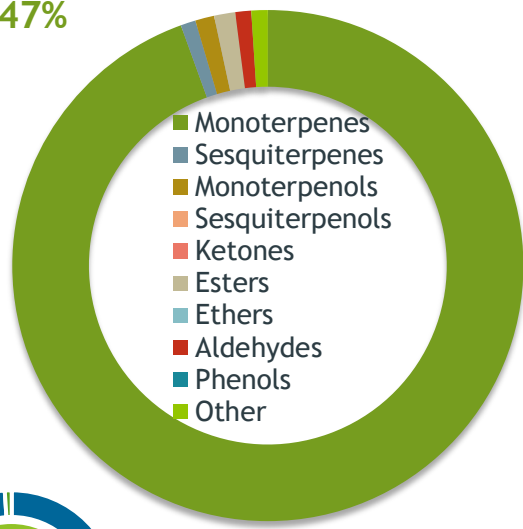


Primary

57.46% | Limonene
23.58% | gamma-Terpinene
3.16% | alpha-Pinene

Monoterpenes

94.47%



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 Green Mandarinine (*Citrus reticulata*, blanco)

Internal Number: | EVS-5649



Essential Validation Services

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

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

Alan Christen

Monoterpenes	94.47%	94.47%
Sesquiterpenes		0.95%
Monoterpenols		1.20%
Sesquiterpenols		0.00%
Ketones		0.00%
Esters		1.34%
Ethers		0.00%
Aldehydes		1.00%
Phenols		0.00%
Other		1.04%

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Client



Source

Green Mandarin (*Citrus reticulata*, blanco)

BR-59327

Total Percentage		98.96%		
Number	RT	Area %	Compound Name	Chemical Family
1	8.13	1.30%	alpha-Thujene	Monoterpene
2	8.38	3.16%	alpha-Pinene	Monoterpene
3	9.00	0.01%	Camphene	Monoterpene
4	9.95	0.42%	Sabinene	Monoterpene
5	10.12	2.51%	beta-Pinene	Monoterpene
6	10.70	2.59%	Myrcene	Monoterpene
7	11.29	0.15%	Octanal	Aliphatic Aldehyde
8	11.35	0.10%	alpha-Phellandrene	Monoterpene
9	11.83	0.73%	alpha-Terpinene	Monoterpene
10	12.18	1.12%	para-Cymene	Monoterpene
11	12.48	57.46%	Limonene	Monoterpene
12	13.21	0.04%	(E)-beta-Ocimene	Monoterpene
13	13.74	23.58%	gamma-Terpinene	Monoterpene
14	14.22	0.07%	trans-Sabinene hydrate	Monoterpenol
15	14.91	1.45%	Isoterpinolene	Monoterpene
16	15.64	0.37%	Linalool	Monoterpenol
17	15.86	0.03%	Nonanal	Aliphatic Aldehyde
18	18.03	0.02%	Citronellal	Monoterpene Aldehyde
19	19.18	0.03%	Menthol	Monoterpenol
20	19.26	0.09%	Terpinen-4-ol	Monoterpenol
21	19.95	0.38%	alpha-Terpineol	Monoterpenol
22	20.52	0.15%	Decanal	Aliphatic Aldehyde
23	23.52	0.06%	Perilla aldehyde	Monoterpene Aldehyde
24	24.43	0.21%	Thymol	Monoterpenol
25	24.83	0.05%	Ascaridole	Monoterpenol
26	29.15	1.34%	Methyl N-methyl anthranilate	Phenolic Ester
27	29.44	0.04%	Dodecanal	Aliphatic Aldehyde
28	29.66	0.28%	beta-Caryophyllene	Sesquiterpene
29	31.14	0.01%	alpha-Humulene	Sesquiterpene
30	32.80	0.12%	alpha-Selinene	Sesquiterpene
31	33.29	0.54%	(E,E)-alpha-Farnesene	Sesquiterpene
32	42.37	0.55%	alpha-Sinensal	Sesquiterpene Aldehyde

Client	 <p>Nature's Gift</p>	Source	
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Green Mandarine (*Citrus reticulata*, blanco)
BR-59327

Number	RT	Area %	Compound Name	Chemical Family

ESSENTIAL VALIDATION SERVICES | 74 / SW 2nd AVE GAINESVILLE, FLORIDA 32601 | 351-3501-5044

- 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

