

Client



Source



Green Mandarinine (Citrus reticulata blanco)

IT-59444 - Italy

Sample

Green Mandarinine (Citrus reticulata blanco)

Identification #: IT-59444

Type:..... Essential Oil

CAS Number:... 8008-31-9

Nature's Gift

Properties

Country Of Origin Italy

Specific Gravity NT

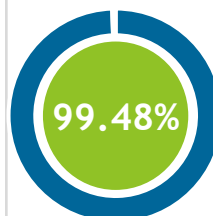
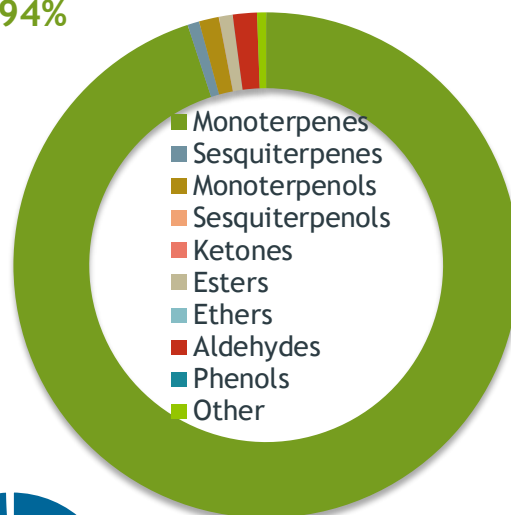
Refractive Index NT

Primary

59.73%Limonene**21.64%**gamma-Terpinene**3.35%**alpha-Pinene

Monoterpenes

94.94%



Percentage Identified

Result



3/21/2025

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-6642



Essential Validation Services

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Berthoud, CO 80513

317.361.5044 |

<https://essentialvalidationservices.com/>

Monoterpenes	94.94%	94.94
Sesquiterpenes		0.75%
Monoterpenols		1.27%
Sesquiterpenols		0.01%
Ketones		0.01%
Esters		0.86%
Ethers		0.01%
Aldehydes		1.54%
Phenols		0.00%
Other		0.58%

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Green Mandarinine (*Citrus reticulata blanco*)

IT-59444

Total Percentage		99.48%		
Number	RT	Area %	Compound Name	Chemical Family
1	7.96	1.36%	alpha-Thujene	Monoterpene
2	8.21	3.35%	alpha-Pinene	Monoterpene
3	8.82	0.03%	Camphene	Monoterpene
4	9.76	0.46%	Sabinene	Monoterpene
5	9.93	2.46%	beta-Pinene	Monoterpene
6	10.51	3.02%	Myrcene	Monoterpene
7	11.09	0.25%	Octanal	Aliphatic Aldehyde
8	11.16	0.12%	alpha-Phellandrene	Monoterpene
9	11.64	0.67%	alpha-Terpinene	Monoterpene
10	12.03	0.57%	para-Cymene	Monoterpene
11	12.40	59.73%	Limonene	Monoterpene
12	12.57	0.02%	(Z)-beta-Ocimene	Monoterpene
13	13.02	0.05%	(E)-beta-Ocimene	Monoterpene
14	13.60	21.64%	gamma-Terpinene	Monoterpene
15	14.02	0.05%	trans-Sabinene hydrate	Monoterpenol
16	14.16	0.03%	1-Octanol	Aliphatic Alcohol
17	14.70	1.46%	Terpinolene	Monoterpene
18	15.43	0.31%	Linalool	Monoterpenol
19	15.64	0.06%	Nonanal	Aliphatic Aldehyde
20	17.04	0.01%	trans-Limonene oxide	Monoterpene Ether
21	17.41	0.01%	Camphor	Monoterpene Ketone
22	17.80	0.05%	Citronellal	Monoterpene Aldehyde
23	19.02	0.14%	Terpinen-4-ol	Monoterpenol
24	19.39	0.01%	para-Cymen-8-ol	Monoterpenol
25	19.72	0.47%	alpha-Terpineol	Monoterpenol
26	20.29	0.22%	Decanal	Aliphatic Aldehyde
27	21.12	0.01%	Nerol	Monoterpenol
28	21.26	0.04%	Citronellol	Monoterpenol
29	21.68	0.01%	Neral	Monoterpene Aldehyde
30	23.03	0.02%	Geranial	Monoterpene Aldehyde
31	23.28	0.08%	Perilla aldehyde	Monoterpene Aldehyde
32	24.23	0.13%	Thymol	Monoterpenol
33	24.58	0.11%	Ascaridole	Monoterpenol
34	24.84	0.02%	Undecanal	Sesquiterpene Aldehyde
35	27.61	0.02%	alpha-Copaene	Sesquiterpene

Green Mandarine (*Citrus reticulata* blanco)
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