

Client



Source



Orange, Sweet (Citrus sinensis)

IT-59445 - Italy

Sample

Orange, Sweet (Citrus sinensis)

Identification #: IT-59445

Type:..... Essential Oil

CAS Number:... 8008-57-9

Nature's Gift

Properties

Country Of Origin Italy

Specific Gravity NT

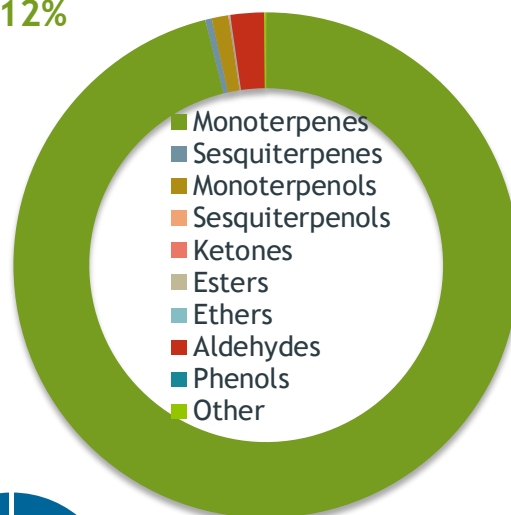
Refractive Index NT

Primary

89.22%Limonene3.82%Myrcene1.20%alpha-Pinene

Monoterpenes

96.12%



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 Orange, Sweet (Citrus sinensis)

Internal Number: | EVS-6643



Essential Validation
Services

240 Goose Hollow Road

Berthoud, CO 80513

317.361.5044 |

<https://essentialvalidationservices.com/>

Monoterpenes	96.12%	96.12
Sesquiterpenes		0.42%
Monoterpenols		1.06%
Sesquiterpenols		0.02%
Ketones		0.05%
Esters		0.00%
Ethers		0.06%
Aldehydes		2.15%
Phenols		0.00%
Other		0.12%

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Total Percentage		99.95%		
Number	RT	Area %	Compound Name	Chemical Family
1	7.95	0.01%	alpha-Thujene	Monoterpene
2	8.21	1.20%	alpha-Pinene	Monoterpene
3	8.82	0.01%	Camphene	Monoterpene
4	9.76	1.01%	Sabinene	Monoterpene
5	9.93	0.15%	beta-Pinene	Monoterpene
6	10.52	3.82%	Myrcene	Monoterpene
7	11.09	0.67%	Octanal	Aliphatic Aldehyde
8	11.26	0.53%	delta-3-Carene	Monoterpene
9	12.44	89.22%	Limonene	Monoterpene
10	12.58	0.02%	(Z)-beta-Ocimene	Monoterpene
11	13.02	0.03%	(E)-beta-Ocimene	Monoterpene
12	13.49	0.03%	gamma-Terpinene	Monoterpene
13	14.01	0.01%	trans-Sabinene hydrate	Monoterpenol
14	14.16	0.02%	1-Octanol	Aliphatic Alcohol
15	14.53	0.01%	Isoterpinolene	Monoterpene
16	14.69	0.08%	Terpinolene	Monoterpene
17	15.43	0.86%	Linalool	Monoterpenol
18	15.64	0.07%	Nonanal	Aliphatic Aldehyde
19	16.36	0.02%	trans-para-Mentha-2,8-dien-1-ol	Monoterpenol
20	16.83	0.01%	cis-Limonene oxide	Monoterpene Ether
21	17.03	0.05%	trans-Limonene oxide	Monoterpene Ether
22	17.80	0.11%	Citronellal	Monoterpene Aldehyde
23	19.02	0.01%	Terpinen-4-ol	Monoterpenol
24	19.72	0.09%	alpha-Terpineol	Monoterpenol
25	20.29	0.77%	Decanal	Aliphatic Aldehyde
26	20.83	0.03%	trans-Carveol	Monoterpenol
27	21.27	0.01%	Citronellol	Monoterpenol
28	21.43	0.02%	cis-Carveol	Monoterpenol
29	21.69	0.11%	Neral	Monoterpene Aldehyde
30	21.89	0.04%	Carvone	Monoterpene Ketone
31	23.04	0.20%	Geranial	Monoterpene Aldehyde
32	23.27	0.03%	Perilla aldehyde	Monoterpene Aldehyde
33	24.06	0.01%	Limonen-10-ol	Monoterpenol
34	24.84	0.01%	Undecanal	Sesquiterpene Aldehyde
35	27.61	0.04%	alpha-Copaene	Sesquiterpene

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