

Client



Source

Mandarin, Red (Citrus nobilis)
BR-59217

Sample

Mandarin, Red (Citrus nobilis)
Batch #:..... BR-59217
Type:..... Essential Oil
CAS Number:.....
Nature's Gift

Client



Website

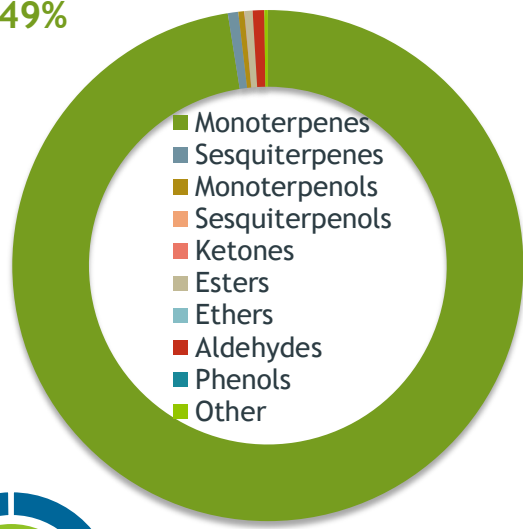


Primary

66.80% | Limonene
19.33% | gamma-Terpinene
2.57% | alpha-Pinene

Monoterpenes

97.49%



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 Mandarin, Red (Citrus nobilis)

Internal Number: | EVS-4742



Essential Validation Services

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

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

Alan Chastain

Monoterpenes	97.49%	97.49%
Sesquiterpenes		0.66%
Monoterpenols		0.37%
Sesquiterpenols		0.00%
Ketones		0.02%
Esters		0.51%
Ethers		0.00%
Aldehydes		0.73%
Phenols		0.00%
Other		0.22%

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Total Percentage		99.79%		
Number	RT	Area %	Compound Name	Chemical Family
1	7.88	0.99%	alpha-Thujene	Monoterpene
2	8.13	2.57%	alpha-Pinene	Monoterpene
3	8.73	0.04%	Camphene	Monoterpene
4	9.68	0.34%	Sabinene	Monoterpene
5	9.84	1.86%	beta-Pinene	Monoterpene
6	10.43	2.39%	Myrcene	Monoterpene
7	11.02	0.06%	Octanal	Aliphatic Aldehyde
8	11.07	0.10%	alpha-Phellandrene	Monoterpene
9	11.54	0.56%	alpha-Terpinene	Monoterpene
10	11.89	1.43%	para-Cymene	Monoterpene
11	12.20	66.80%	Limonene	Monoterpene
12	12.91	0.02%	(Z)-beta-Ocimene	Monoterpene
13	13.43	19.33%	gamma-Terpinene	Monoterpene
14	13.90	0.02%	trans-Sabinene hydrate	Monoterpenol
15	14.61	1.06%	Terpinolene	Monoterpene
16	15.33	0.13%	Linalool	Monoterpenol
17	15.56	0.03%	Nonanal	Aliphatic Aldehyde
18	17.72	0.04%	Citronellal	Monoterpene Aldehyde
19	18.92	0.04%	Terpinen-4-ol	Monoterpenol
20	19.61	0.14%	alpha-Terpineol	Monoterpenol
21	20.22	0.14%	Decanal	Aliphatic Aldehyde
22	21.80	0.02%	Carvone	Monoterpene Ketone
23	22.21	0.01%	Linalyl acetate	Monoterpene Ester
24	23.18	0.04%	Perilla aldehyde	Monoterpene Aldehyde
25	24.06	0.04%	Thymol	Monoterpenol
26	27.58	0.03%	alpha-Copaene	Sesquiterpene
27	28.82	0.50%	Methyl N-methyl anthranilate	Phenolic Ester
28	29.15	0.04%	Dodecanal	Aliphatic Aldehyde
29	29.37	0.14%	beta-Caryophyllene	Sesquiterpene
30	32.51	0.12%	alpha-Selinene	Sesquiterpene
31	33.02	0.34%	(E,E)-alpha-Farnesene	Sesquiterpene
32	33.46	0.03%	beta-Cadinene	Sesquiterpene
33	42.11	0.38%	alpha-Sinensal	Sesquiterpene Aldehyde
34	60.15	0.01%	Pentacosane	Alkane

