

Client



Source



Orange, Sweet (Citrus sinensis)
ME-59100

Sample

Orange, Sweet (Citrus sinensis)
Batch #:..... ME-59100
Type:..... Essential Oil
CAS Number:... 84012-28-2
Nature's Gift

Client



Website

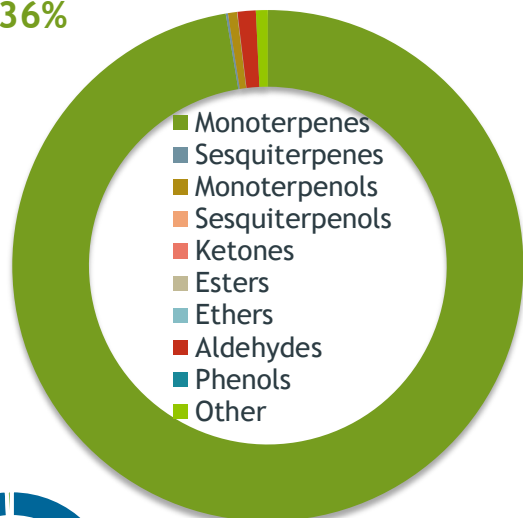


Primary

92.48% | Limonene (Co-Eluting)
3.40% | Myrcene
0.90% | alpha-Pinene

Monoterpenes

97.36%



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 Orange, Sweet (Citrus sinensis)

Internal Number: | EVS-3893



Essential Validation Services

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

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

Alan Chastain

Monoterpenes	97.36%	97.36%
Sesquiterpenes		0.14%
Monoterpenols		0.57%
Sesquiterpenols		0.02%
Ketones		0.00%
Esters		0.00%
Ethers		0.01%
Aldehydes		1.15%
Phenols		0.00%
Other		0.75%

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- Essential Oil testing is performed by using qualitative GC-MS. Method: SOP.T.01 Client Method
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Total Percentage		99.26%		
Number	RT	Area %	Compound Name	Chemical Family
1	8.51	0.90%	alpha-Pinene	Monoterpene
2	10.10	0.34%	Sabinene	Monoterpene
3	10.27	0.03%	beta-Pinene	Monoterpene
4	10.86	3.40%	Myrcene	Monoterpene
5	11.47	0.51%	Octanal	Aliphatic Aldehyde
6	11.62	0.16%	delta-3-Carene	Monoterpene
7	12.68	92.48%	Limonene	Monoterpene
8	12.69	Co-Eluting	beta-Phellandrene	Monoterpene
9	12.69	Co-Eluting	1,8-Cineole	Monoterpene Ether
10	13.38	0.02%	(Z)-beta-Ocimene	Monoterpene
11	14.59	0.01%	1-Octanol	Aliphatic Alcohol
12	15.10	0.03%	Terpinolene	Monoterpene
13	15.85	0.51%	Linalool	Monoterpenol
14	16.07	0.06%	Nonanal	Aliphatic Aldehyde
15	17.51	0.01%	cis-Limonene oxide	Monoterpene Ether
16	18.25	0.06%	Citronellal	Monoterpene Aldehyde
17	20.18	0.06%	alpha-Terpineol	Monoterpenol
18	20.76	0.30%	Decanal	Aliphatic Aldehyde
19	22.19	0.04%	Neral	Monoterpene Aldehyde
20	23.53	0.10%	Citral	Monoterpene Aldehyde
21	23.76	0.02%	Perilla aldehyde	Monoterpene Aldehyde
22	28.14	0.03%	alpha-Cubebene	Sesquiterpene
23	28.68	0.02%	beta-Cubebene	Sesquiterpene
24	29.70	0.05%	Dodecanal	Aliphatic Aldehyde
25	30.39	0.02%	beta-Copaene	Sesquiterpene
26	32.49	0.02%	Germacrene D	Sesquiterpene
27	32.95	0.02%	gamma-Gurjunene	Sesquiterpene
28	34.04	0.03%	beta-Cadinene	Sesquiterpene
29	35.22	0.02%	Elemol	Sesquiterpenol
30	40.72	0.01%	beta-Sinensal	Sesquiterpene Aldehyde

Client



Source



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Number	RT	Area %	Compound Name	Chemical Family

ESSENTIAL VALIDATION SERVICES | 74 SW ZIMMERMAN AVE GAINESVILLE, FLORIDA 32601 | 352-381-5044

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Nature's Gift

Source



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ME-59100**

ESSENTIAL VALIDATION SERVICES | 14 / SW 2ND AVE GAINESVILLE, FLORIDA 32601 | 351-361-5044

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