

Client



Source



Orange, Sweet Organic (*Citrus sinensis*)  
FP-120821-22

Sample

Orange, Sweet Organic (*Citrus sinensis*)

Batch #:..... FP-120821-22

Type:..... Essential Oil

CAS Number:... 8008-57-9

Natural Sourcing LLC

Client



Website



Primary

92.41%

Limonene

3.36%

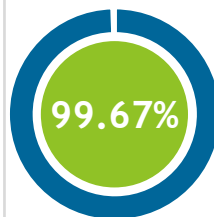
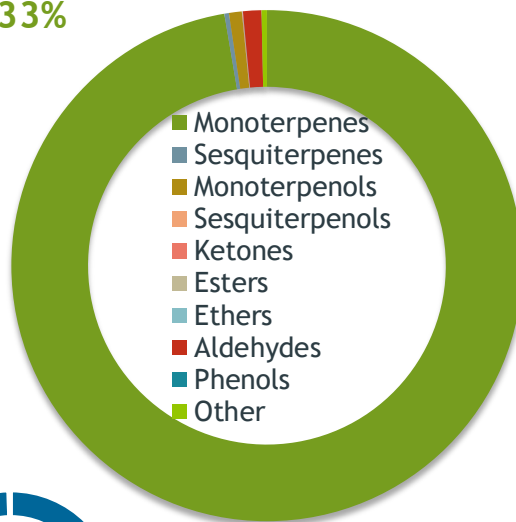
Myrcene

1.00%

alpha-Pinene

Monoterpenes

97.33%



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 Organic (*Citrus sinensis*)

Internal Number: | EVS-4878



Essential Validation Services

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

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

*Alan Chastain*

Monoterpenes	97.33%	97.33%
Sesquiterpenes		0.29%
Monoterpenols		0.81%
Sesquiterpenols		0.02%
Ketones		0.02%
Esters		0.01%
Ethers		0.02%
Aldehydes		1.16%
Phenols		0.00%
Other		0.34%

- 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- This report may not be published without the consent of Essential Validation Services.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  
- This report is valid for 1 year from the analyzed date

Client


**NATURAL SOURCING**  
 Cosmetic and Personal Care Ingredient Specialists  
 PROUDLY SERVING YOU FOR OVER 30 YEARS

Source


*Orange, Sweet Organic (Citrus sinensis)*

FP-120821-22

Total Percentage		99.67%		
Number	RT	Area %	Compound Name	Chemical Family
1	8.00	1.00%	alpha-Pinene	Monoterpene
2	9.55	0.34%	Sabinene	Monoterpene
3	9.71	0.03%	beta-Pinene	Monoterpene
4	10.30	3.36%	Myrcene	Monoterpene
5	10.88	0.50%	Octanal	Aliphatic Aldehyde
6	11.04	0.14%	delta-3-Carene	Monoterpene
7	12.11	92.41%	Limonene	Monoterpene
8	12.78	0.03%	(Z)-beta-Ocimene	Monoterpene
9	13.77	0.01%	trans-Sabinene hydrate	Monoterpenol
10	13.93	0.01%	1-Octanol	Aliphatic Alcohol
11	14.46	0.02%	Terpinolene	Monoterpene
12	15.19	0.64%	Linalool	Monoterpenol
13	15.41	0.07%	Nonanal	Aliphatic Aldehyde
14	16.81	0.02%	trans-Limonene oxide	Monoterpene Ether
15	17.58	0.07%	Isopulegol	Monoterpenol
16	19.48	0.08%	alpha-Terpineol	Monoterpenol
17	20.07	0.38%	Decanal	Aliphatic Aldehyde
18	20.33	0.01%	Octyl acetate	Aliphatic Ester
19	21.05	0.01%	Citronellol	Monoterpenol
20	21.47	0.04%	Neral	Monoterpene Aldehyde
21	21.66	0.02%	Carvone	Monoterpene Ketone
22	22.82	0.08%	Citral	Monoterpene Aldehyde
23	23.04	0.02%	Perilla aldehyde	Monoterpene Aldehyde
24	24.64	0.02%	Undecanal	Sesquiterpene Aldehyde
25	27.42	0.04%	alpha-Copaene	Sesquiterpene
26	27.96	0.03%	beta-Cubebene	Sesquiterpene
27	28.05	0.02%	beta-Elemene	Sesquiterpene
28	29.01	0.05%	Dodecanal	Aliphatic Aldehyde
29	29.21	0.04%	beta-Caryophyllene	Sesquiterpene
30	29.66	0.03%	Sibirene	Sesquiterpene
31	31.75	0.03%	Germacrene D	Sesquiterpene
32	32.22	0.05%	gamma-Gurjunene	Sesquiterpene
33	32.35	0.01%	beta-Chamigrene	Sesquiterpene
34	33.32	0.04%	beta-Cadinene	Sesquiterpene
35	34.48	0.02%	Elemol	Sesquiterpenol

 ESSENTIAL VALIDATION SERVICES | 747 SW 2<sup>ND</sup> AVE GAINESVILLE, FLORIDA 32601 | 317-361-5044

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