Client | Source



Orange, Sweet *(Citrus sinensis)*

EVS-2026-NG-35

Sample

Orange, Sweet *(Citrus sinensis)*

Batch #:	IT-59568
Type:	Essential Oil
Origin:	Italy
CAS #:	8008-57-9

Client

NATURE'S GIFT

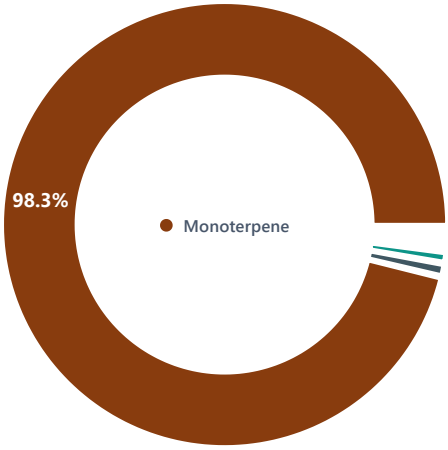
Properties

RI:	NT
SG:	NT

Primary

93.48%	Limonene
2.74%	Myrcene
0.75%	alpha-Pinene
0.58%	Sabinene

CHEMICAL FAMILY BREAKDOWN





TOTAL CONTENT IDENTIFIED

100.0% identified

0.0% unidentified

Result

Pass

Meets specifications

ANALYSIS SUMMARY

Total Compounds: 25

Conclusion

PROFESSIONAL ANALYSIS SUMMARY

Analysis of this Orange, Sweet (Citrus sinensis) Essential Oil sample was conducted against the Orange, Sweet (Citrus sinensis) standard specification. The chromatographic analysis accounted for 100.0% of the total sample composition. All major constituents were found to be within the expected ranges specified in the standard. No adulterants, diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine Orange, Sweet (Citrus sinensis).

Adam Christensen • Nov 3, 2026

Adam Christensen

Analyst Signature

Date

Nov 3, 2026

Lab

Essential Validation Services

EO Testing Lab

240 Goose Hollow Road

Berthoud, Colorado 80513

Phone: (317) 361-5044

essentialvalidationservices.com

CHEMICAL FAMILY DISTRIBUTION

Monoterpene	98.3%
Aliphatic Aldehyde	0.7%
Monoterpenol	0.6%
Monoterpene Aldehyde	0.2%
Sesquiterpene	0.1%

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- *Essential Oil testing is performed by using qualitative GC-MS. Method: SOP.T.01 Client Method*
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- *This report is valid for 1 year from the analyzed date*

11/3/2026

Client | NATURE'S GIFT NG AROMATHERAPY | Source



Orange, Sweet *(Citrus sinensis)*

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Expected vs. Detected Components

Comparison against EVS Internal Standard for Orange, Sweet (Citrus sinensis) - Essential Validation Services

Compound	Expected	Detected	Status	Family
1 Limonene	90.87-96.57%	93.48%	✓	Monoterpene
2 Myrcene	1.50-3.50%	2.74%	✓	Monoterpene
3 Sabinene	0.03-1.27%	0.58%	✓	Monoterpene
4 alpha-Pinene	0.40-0.99%	0.75%	✓	Monoterpene
5 Linalool	0.15-0.79%	0.51%	✓	Monoterpenol
6 Decanal	0.01-0.70%	0.34%	✓	Aliphatic Aldehyde
7 Octanal	0.02-0.64%	0.27%	✓	Aliphatic Aldehyde
8 Neral	0.01-0.61%	0.04%	✓	Monoterpene Aldehyde
9 beta-Pinene	0.02-0.56%	0.12%	✓	Monoterpene
10 Valencene	0.00-0.40%	0.14%	✓	Sesquiterpene
11 Nonanal	0.01-0.27%	0.07%	✓	Aliphatic Aldehyde
12 Geranial	0.01-0.23%	0.07%	✓	Monoterpene Aldehyde
13 beta-Sinensal	0.00-0.06%	-	✓	Sesquiterpene Aldehyde

Professional Analysis Summary

1 Sample Analysis

This Orange, Sweet (Citrus sinensis) sample shows 25 detected compounds (25 identified, 100.0% rate).

2 Major Components

Predominant: Limonene (93.5%), Myrcene (2.7%).

3 Chemical Profile

8 chemical families: Monoterpene, Monoterpenol, Aliphatic Aldehyde, +5 others.

4 Quality Assessment

Sample meets specifications for Orange, Sweet (Citrus sinensis).

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Client | NATURE'S GIFT NG AROMATHERAPY | Source



Orange, Sweet *(Citrus sinensis)*

EVS-2026-NG-35

Total Percentage: **99.99%**

Number	RT	Area %	Compound Name		Chemical Family
1	10.44	0.75%	alpha-Pinene	(0.40%-0.99%)	Monoterpene
2	11.57	0.58%	Sabinene	(0.03%-1.27%)	Monoterpene
3	11.78	0.12%	beta-Pinene	(0.02%-0.56%)	Monoterpene
4	11.91	2.74%	Myrcene	(1.50%-3.50%)	Monoterpene
5	12.26	0.27%	Octanal	(0.02%-0.64%)	Aliphatic Aldehyde
6	12.56	0.06%	alpha-Phellandrene		Monoterpene
7	12.79	0.27%	delta-3-Carene		Monoterpene
8	13.24	0.06%	para-Cymene		Monoterpene
9	13.51	93.48%	Limonene	(90.87%-96.57%)	Monoterpene
10	13.88	0.02%	(E)-beta-Ocimene		Monoterpene
11	14.45	0.13%	gamma-Terpinene		Monoterpene
12	14.58	0.04%	1-Octanol		Aliphatic Alcohol
13	15.61	0.05%	Terpinolene		Monoterpene
14	15.82	0.51%	Linalool	(0.15%-0.79%)	Monoterpenol
15	15.96	0.07%	Nonanal	(0.01%-0.27%)	Aliphatic Aldehyde
16	17.40	0.03%	cis-Limonene oxide		Monoterpene Ether
17	17.57	0.03%	trans-Limonene oxide		Monoterpene Ether
18	17.96	0.06%	Citronellal		Monoterpene Aldehyde
19	19.77	0.08%	alpha-Terpineol		Monoterpenol
20	20.11	0.34%	Decanal	(0.01%-0.70%)	Aliphatic Aldehyde
21	20.24	0.01%	Octyl acetate		Aliphatic Ester
22	21.72	0.04%	Neral	(0.01%-0.61%)	Monoterpene Aldehyde
23	22.93	0.07%	Geranial	(0.01%-0.23%)	Monoterpene Aldehyde
24	28.69	0.04%	Dodecanal		Aliphatic Aldehyde
25	32.70	0.14%	Valencene	(0.00%-0.40%)	Sesquiterpene

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