



# Essential Oil University

## GC/MS Report

Item	Lot
Orange EO CP Wild <i>Citrus sinensis</i>	9A
Date	Analyst
1/22/2026	Dr. Robert S. Pappas

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**The analysis of this batch sample, Orange EO CP Wild, meets the expected chemical profile for authentic essential oil of *Citrus sinensis*. No contamination or adulteration was detected. The results provided in this GCMS quality analysis reflect the chemical composition of the oil and lot referenced above on the date of analysis.**



## Sample Information

**Company:** Revive**Sample Name:** Orange EO CP Wild**Botanical Name:** Citrus sinensis**Lot Number:** 9A**Production Method:** Cold Press**Sample Type:** EO - Single**Country of Origin:** Dominican Republic**Analysis Date:** 1/22/2026**Manufacture Date:** January 2026

## GC/MS

**Inst. ID:** Shimadzu GCMS-QP2010Ultra**Injection Type:** Split**Split Ratio:** 24.4**Column Type:** ZB-5**Injection Volume:** 0.1  $\mu$ L**Temperature Program:** 2C/min

## Physical Data

**ANALYSIS**

Optical Rotation @20°C

Refractive Index @20°C

Specific Gravity @20°C

**METHOD**

USP[781]

USP[831]

USP[841]

**RESULTS**

+95.28

1.47365

0.84894



Ret. Time	Component	Ret. Idx.	Conc. %	
7.290	Unidentified	802	0.01%	
12.519	alpha-Pinene	923	0.55%	ALLERGEN
14.682	Sabinene	961	0.3%	
14.986	beta-Pinene	966	0.1%	ALLERGEN
15.612	Myrcene	977	1.74%	PROP. 65
16.449	Octanal	992	0.26%	
16.672	alpha-Phellandrene	996	0.04%	
16.822	delta-3-Carene	998	0.19%	
17.811	para-Cymene	1013	0.05%	
18.168	Limonene	1019	94.29%	ALLERGEN IFRA
18.238	beta-Phellandrene	1020	0.22%	
18.295	1,8-Cineole	1021	0.01%	
19.184	trans-beta-Ocimene	1034	0.01%	
19.971	gamma-Terpinene	1046	0.09%	
20.744	1-Octanol	1057	0.03%	
21.510	Isoterpinolene	1069	0%	
21.775	Terpinolene	1073	0.03%	ALLERGEN
22.704	Linalool	1087	0.56%	ALLERGEN IFRA
23.065	Nonanal	1092	0.03%	
24.208	trans-para-Mentha-2,8-dienol	1109	0.01%	
24.971	cis-Limonene oxide	1120	0.04%	
25.235	Unidentified	1124	0.01%	
25.266	trans-Limonene oxide	1124	0.03%	
26.305	Citronellal	1139	0.03%	IFRA
28.267	Terpinen-4-ol	1167	0.02%	
29.261	alpha-Terpineol	1181	0.12%	ALLERGEN
30.051	Decanal	1193	0.59%	
30.337	Octyl acetate	1197	0.03%	
30.880	trans-Carveol	1205	0.01%	
31.406	Citronellol	1212	0.12%	ALLERGEN IFRA
32.197	Neral	1224	0.03%	ALLERGEN IFRA
32.584	Carvone	1229	0.02%	ALLERGEN IFRA
33.004	Linalyl acetate	1235	0.02%	ALLERGEN
34.214	Geranial	1253	0.07%	ALLERGEN IFRA
34.733	Perillaldehyde	1261	0.01%	IFRA
35.692	Thymol	1274	0.09%	
41.418	alpha-Copaene	1360	0.02%	
42.205	beta-Cubebene	1372	0.01%	
43.601	Dodecanal	1393	0.03%	
44.214	beta-Caryophyllene	1403	0.01%	ALLERGEN

Ret. Time	Component	Ret. Idx.	Conc. %
44.853	Germacrene D	1413	0.01%
48.267	Unidentified	1467	0.01%
48.750	Valencene	1475	0.11%
50.322	delta-Cadinene	1500	0.02%
60.348	beta-Sinensal	1671	0.01%

Total Identified Compounds **99.96 %**



TIC  
37,434,434

