



# Essential Oil University

## GC/MS Report

Item	Lot
Orange EO CP Wild <i>Citrus sinensis</i>	7C
Date	Analyst
11/20/2025	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:** 7C**Production Method:** Cold Press**Sample Type:** EO - Single**Country of Origin:** Dominican Republic**Analysis Date:** 11/20/2025**Manufacture Date:** October 2025

## GC/MS

**Inst. ID:** Shimadzu GCMS-QP2010Ultra**Injection Type:** Split**Split Ratio:** 24.4**Column Type:** ZB-5**Injection Volume:** 0.1 µL**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**

+95.04

1.47370

0.84946



Ret. Time	Component	Ret. Idx.	Conc. %	
12.809	alpha-Pinene	930	0.58%	ALLERGEN
15.026	Sabinene	969	0.33%	
15.343	beta-Pinene	975	0.1%	ALLERGEN
15.964	Myrcene	986	2.06%	PROP. 65
16.835	Octanal	1001	0.24%	
17.060	alpha-Phellandrene	1005	0.05%	
17.204	delta-3-Carene	1007	0.22%	
18.214	para-Cymene	1022	0.06%	
18.627	Limonene	1028	93.53%	ALLERGEN IFRA
18.690	beta-Phellandrene	1029	0.23%	
19.603	trans-beta-Ocimene	1043	0.02%	
20.418	gamma-Terpinene	1055	0.1%	
21.239	1-Octanol	1067	0.01%	
22.246	Terpinolene	1083	0.03%	ALLERGEN
23.195	Linalool	1097	0.68%	ALLERGEN IFRA
23.569	Nonanal	1102	0.03%	
24.748	trans-para-Mentha-2,8-dienol	1119	0.01%	
25.509	cis-Limonene oxide	1130	0.03%	
25.801	trans-Limonene oxide	1134	0.03%	
26.842	Citronellal	1149	0.04%	IFRA
28.835	Terpinen-4-ol	1178	0.02%	
29.840	alpha-Terpineol	1192	0.1%	ALLERGEN
30.605	Decanal	1204	0.63%	
30.885	Octyl acetate	1208	0.03%	
31.461	trans-Carveol	1216	0.01%	
31.966	Citronellol	1223	0.14%	ALLERGEN IFRA
32.373	cis-Carveol	1229	0.01%	
32.771	Neral	1235	0.03%	ALLERGEN IFRA
33.184	Carvone	1241	0.01%	ALLERGEN IFRA
33.555	Linalyl acetate	1247	0.02%	ALLERGEN
34.796	Geranial	1265	0.07%	ALLERGEN IFRA
35.359	Perillaldehyde	1273	0.01%	IFRA
36.271	Thymol	1286	0.14%	
36.820	Carvacrol	1294	0.01%	
40.848	Neryl acetate	1355	0.01%	
42.005	alpha-Copaene	1373	0.03%	
42.798	beta-Cubebene	1385	0.02%	
42.905	beta-Elemene	1386	0.01%	
44.200	Dodecanal	1406	0.04%	
44.832	beta-Caryophyllene	1416	0.02%	ALLERGEN

Ret. Time	Component	Ret. Idx.	Conc. %
45.473	beta-Copaene	1427	0.02%
48.672	Germacrene D	1478	0.01%
48.893	Aristolochene	1481	0.02%
49.380	Valencene	1489	0.15%
50.930	delta-Cadinene	1514	0.03%
52.704	alpha-Elemol	1544	0.01%

Total Identified Compounds **99.98 %**



TIC  
31,541,775

