



# Essential Oil University

## GC/MS Report

Item	Lot
<b>Pink Grapefruit EO CP, Pure &amp; Natural</b> <i>Citrus paradisi</i>	<b>1G</b>
Date	Analyst
<b>2/19/2026</b>	<b>Dr. Robert S. Pappas</b>

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**The analysis of this batch sample, Pink Grapefruit EO CP, Pure & Natural, meets the expected chemical profile for authentic essential oil of *Citrus paradisi*. 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:** Pink Grapefruit EO CP, Pure & Natural  
**Botanical Name:** Citrus paradisi  
**Lot Number:** 1G  
**Production Method:** Cold Press

**Sample Type:** EO - Single  
**Country of Origin:** USA  
**Analysis Date:** 2/19/2026  
**Manufacture Date:** December 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	METHOD	RESULTS
Optical Rotation @20°C	USP[781]	+95.24
Refractive Index @20°C	USP[831]	1.47545
Specific Gravity @20°C	USP[841]	0.85238



Ret. Time	Component	Ret. Idx.	Conc. %	
12.562	alpha-Pinene	923	0.65%	ALLERGEN
14.731	Sabinene	961	0.51%	
15.036	beta-Pinene	967	0.14%	ALLERGEN
15.661	Myrcene	978	2%	PROP. 65
16.497	Octanal	993	0.49%	
16.722	alpha-Phellandrene	996	0.03%	
17.857	para-Cymene	1014	0.01%	
18.219	Limonene	1019	94.51%	ALLERGEN IFRA
18.291	beta-Phellandrene	1021	0.21%	
18.550	cis-beta-Ocimene	1024	0%	
19.239	trans-beta-Ocimene	1035	0.07%	
20.799	1-Octanol	1058	0.02%	
22.764	Linalool	1088	0.07%	ALLERGEN IFRA
23.120	Nonanal	1093	0.06%	
24.267	Unidentified	1110	0.01%	
25.038	trans-Limonene oxide	1121	0.02%	
25.327	Unidentified	1125	0.01%	
26.362	Citronellal	1140	0.05%	IFRA
29.319	alpha-Terpineol	1182	0.04%	ALLERGEN
30.112	Decanal	1193	0.23%	
30.395	Octyl acetate	1198	0.03%	
32.257	Neral	1225	0.02%	ALLERGEN IFRA
32.652	Unidentified	1230	0.01%	
34.276	Geranial	1254	0.04%	ALLERGEN IFRA
34.785	Perillaldehyde	1261	0.01%	IFRA
41.487	alpha-Copaene	1361	0.08%	
41.630	Geranyl acetate	1363	0.01%	ALLERGEN
42.272	beta-Cubebene	1373	0.06%	
42.385	beta-Elemene	1375	0.02%	
43.655	Dodecanal	1394	0.01%	
44.282	beta-Caryophyllene	1404	0.31%	ALLERGEN
46.371	trans-beta-Farnesene	1437	0.01%	
46.517	alpha-Humulene	1439	0.03%	
48.107	Germacrene D	1464	0.04%	
49.005	Bicyclogermacrene	1479	0.02%	
50.380	delta-Cadinene	1501	0.08%	
52.132	alpha-Elemol	1530	0.01%	
66.208	Nootkatone	1779	0.01%	IFRA
85.683	Unidentified	2182	0.01%	
86.116	Unidentified	2191	0.03%	



Ret. Time	Component	Ret. Idx.	Conc. %
101.657	Aurapten	2573	0.05%

Total Identified Compounds **99.95 %**



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28,955,408

