

Grapefruit White
 Lot# USX22-XX
 Country: USA



GC/MS Report
 Components

Ret. Time	Component	Ret. Idx.	Conc. %	
11.700	alpha-Thujene	925	0%	
12.098	alpha-Pinene	932	0.65%	
14.241	Sabinene	971	0.43%	
14.536	beta-Pinene	977	0.11%	
15.166	Myrcene	988	1.96%	
16.006	Octanal	1003	0.32%	
16.212	alpha-Phellandrene	1006	0.02%	
17.367	para-Cymene	1024	0.05%	
17.799	Limonene	1031	94.05%	IFRA
17.835	beta-Phellandrene	1031	0.4%	
18.717	trans-beta-Ocimene	1045	0.06%	
19.502	gamma-Terpinene	1057	0.01%	
20.295	Octanol	1069	0.02%	
22.229	Linalool	1099	0.06%	IFRA
22.593	Nonanal	1105	0.04%	
23.720	trans-para-Mentha-2,8-dienol	1121	0.05%	
24.472	cis-Limonene oxide	1132	0.13%	
24.763	Unidentified + trans-Limonene oxide	1136	0.12%	
25.815	Citronellal	1151	0.03%	IFRA
27.626	Unidentified	1178	0.01%	
28.236	Unidentified	1187	0.01%	
28.763	alpha-Terpineol	1194	0.14%	
29.074	Unidentified	1199	0.03%	
29.549	Decanal	1206	0.2%	
29.839	Octyl acetate	1210	0.04%	
30.382	trans-Carveol	1218	0.04%	
31.081	Unidentified	1228	0.01%	
31.284	cis-Carveol	1231	0.03%	
31.693	Neral	1237	0.01%	IFRA
32.078	Carvone	1243	0.07%	IFRA
33.709	Geranial	1267	0.03%	IFRA
34.226	Perillaldehyde	1275	0.01%	IFRA
36.245	Unidentified	1304	0.03%	
37.115	Unidentified	1318	0.02%	
38.820	Unidentified	1344	0%	
39.713	Unidentified	1357	0.02%	
40.833	alpha-Copaene	1374	0.08%	
41.005	Geranyl acetate	1377	0.02%	
41.622	beta-Cubebene	1387	0.05%	
41.734	beta-Elemene	1388	0.01%	

GC/MS Report
Components

Ret. Time	Component	Ret. Idx.	Conc. %	
43.043	Dodecanal	1409	0.01%	
43.623	beta-Caryophyllene	1418	0.17%	
45.735	trans-beta-Farnesene	1452	0.01%	
45.869	alpha-Humulene	1454	0.02%	
47.454	Germacrene D	1479	0.01%	
49.729	delta-Cadinene	1517	0.06%	
51.511	Elemol	1547	0.01%	
53.162	Spathulenol	1575	0.01%	
53.473	Caryophyllene oxide	1580	0.04%	
65.594	Nootkatone	1799	0.06%	IFRA
81.047	Ostole	2119	0.02%	
85.105	Unidentified	2210	0.03%	
85.523	Unidentified	2220	0.08%	
101.048	Aurapten	2609	0.1%	

Total Identified Compounds **99.64 %**