

Orange Sweet Italy  
 Lot# ITZ20-ZK  
 Country: Italy



GC/MS Report  
 Components

Ret. Time	Component	Ret. Idx.	Conc. %	
12.087	alpha-Pinene	932	0.57%	
14.227	Sabinene	971	0.35%	
14.524	beta-Pinene	977	0.06%	
15.153	Myrcene	988	1.84%	
15.996	Octanal	1003	0.31%	
16.201	alpha-Phellandrene	1006	0.04%	
16.342	delta-3-Carene	1008	0.19%	
17.348	para-Cymene	1024	0.03%	
17.759	Limonene	1030	94.77%	IFRA
17.810	beta-Phellandrene	1031	0.18%	
18.707	trans-beta-Ocimene	1045	0.01%	
19.481	gamma-Terpinene	1057	0.02%	
20.278	1-Octanol	1069	0.03%	
21.273	Terpinolene	1084	0.02%	
22.215	Linalool	1099	0.45%	IFRA
22.584	Nonanal	1104	0.04%	
23.711	trans-para-Mentha-2,8-dien-1-ol	1121	0.01%	
24.462	cis-Limonene oxide	1132	0.05%	
24.757	trans-Limonene oxide	1136	0.04%	
25.804	Citronellal	1151	0.05%	IFRA
28.751	alpha-Terpineol	1194	0.05%	
29.537	Decanal	1206	0.4%	
29.829	Octyl acetate	1210	0.02%	
30.372	trans-Carveol	1218	0.01%	
30.904	Citronellol	1226	0.01%	IFRA
31.283	cis-Carveol	1231	0.01%	
31.676	Neral	1237	0.04%	IFRA
32.071	Carvone	1243	0.03%	IFRA
33.690	Geranial	1267	0.08%	IFRA
34.211	Perillaldehyde	1274	0.01%	IFRA
36.228	Unidentified	1304	0.01%	
40.811	alpha-Copaene	1374	0.03%	
40.993	Unidentified	1377	0.01%	
41.609	beta-Cubebene	1386	0.02%	
41.740	beta-Elemene	1388	0.01%	
43.045	Dodecanal	1409	0.04%	
43.607	beta-Caryophyllene	1418	0.02%	
44.263	beta-Copaene	1428	0.02%	
47.435	Germacrene D	1479	0.01%	
48.147	Valencene	1490	0.04%	

Ret. Time	Component	Ret. Idx.	Conc. %
49.719	delta-Cadinene	1517	0.02%
51.486	alpha-Elemol	1546	0.01%
59.790	beta-Sinensal	1691	0.01%

Total Identified Compounds **99.95 %**