

Lavender 40/42  
 Lot# FRZ08-ZK  
 Country: France



GC/MS Report  
 Components

Ret. Time	Component	Ret. Idx.	Conc. %	
7.667	1-Methoxyhexane	816	0.01%	
8.750	Hex-(3Z)-enol	844	0.02%	
9.266	Hexanol	856	0.04%	
11.887	Tricyclene	916	0.01%	
12.038	alpha-Thujene	918	0.03%	
12.448	alpha-Pinene	926	0.18%	
13.351	Camphene	942	0.13%	
14.625	Sabinene	964	0.05%	
14.931	beta-Pinene	970	0.2%	
14.975	1-Octen-3-ol	971	0.04%	
15.291	3-Octanone	976	1.04%	
15.566	Myrcene	981	0.38%	
15.930	Butyl butyrate	987	0.01%	
16.530	Unidentified	998	0.01%	
16.630	alpha-Phellandrene	1000	0.01%	
16.775	delta-3-Carene	1002	0.03%	
16.935	Hexyl acetate	1005	0.06%	
17.294	alpha-Terpinene	1010	0.02%	
17.442	ortho-Cymene	1012	0.01%	
17.772	para-Cymene	1017	0.06%	
18.076	Limonene	1022	0.37%	IFRA
18.255	1,8-Cineole	1024	3.12%	
18.476	cis-beta-Ocimene	1028	0.4%	
19.163	trans-beta-Ocimene	1038	0.23%	
19.946	gamma-Terpinene	1050	0.04%	
20.732	cis-Linalool oxide (furanoid)	1062	0.18%	
21.759	alpha-Terpinene	1077	0.11%	
21.805	trans-Linalool oxide (pyranoid)	1078	0.09%	
22.836	Linalool	1094	36.39%	IFRA
22.980	Hotrienol	1096	0%	
23.070	Hexyl propionate	1097	0.02%	
23.236	1-Octen-3-yl acetate	1100	0.13%	IFRA
24.408	trans-para-Menth-2-en-1-ol	1116	0%	
24.654	allo-Ocimene	1120	0.01%	
25.179	Terpin-3-en-1-ol	1128	0.01%	
25.525	trans-Pinocarveol	1132	0.01%	
25.961	Camphor	1139	3.57%	
26.106	cis-beta-Terpineol	1141	0.01%	
26.504	trans-beta-Terpineol	1147	0.01%	
27.095	Lavandulol	1155	0.22%	

GC/MS Report  
Components

Ret. Time	Component	Ret. Idx.	Conc. %
27.562	delta-Terpineol	1162	0.05%
27.673	Borneol	1163	1.68%
27.834	Unidentified	1166	0.01%
28.301	Terpinen-4-ol	1172	6.24%
28.697	para-Cymen-8-ol	1178	0.04%
28.770	Unidentified	1179	0.01%
29.043	Hexyl butyrate	1183	0.21%
29.276	alpha-Terpineol	1186	0.5%
29.824	Unidentified	1194	0.01%
30.338	Octyl acetate	1202	0.02%
31.269	Nerol	1215	0.04%
31.556	Bornyl formate	1219	0.02%
31.660	Unidentified	1221	0.01%
32.070	Hexyl-2-methylbutyrate	1227	0.03%
32.496	Hexyl-3-methylbutyrate	1233	0.1%
32.625	Unidentified	1235	0.01%
32.727	Unidentified	1236	0.03%
33.115	Linalyl acetate	1242	39.15%
33.340	Unidentified	1245	0.02%
33.801	Unidentified	1252	0.06%
34.526	Unidentified	1263	0.01%
34.676	Unidentified	1265	0.01%
35.305	Lavandulyl acetate	1274	1.41%
38.364	Hexyl tiglate	1319	0.07%
38.536	Unidentified	1322	0.02%
39.307	Unidentified	1334	0.02%
39.500	Unidentified	1337	0.02%
40.259	Neryl acetate	1348	0.12%
41.540	Geranyl acetate	1367	0.29%
41.928	beta-Bourbonene	1373	0.02%
42.062	Hexyl hexanoate	1375	0.01%
42.178	7-epi-Sesquithujene	1377	0.04%
43.131	alpha-Funebrene	1392	0.03%
43.426	Unidentified	1396	0.01%
43.802	cis-alpha-Bergamotene	1402	0.01%
43.992	Lavandulyl isobutyrate	1405	0.03%
44.207	beta-Caryophyllene	1408	0.79%
44.860	Unidentified	1419	0.01%
45.060	trans-alpha-Bergamotene	1422	0.09%
45.532	cis-beta-Farnesene	1430	0.02%

GC/MS Report  
Components

Ret. Time	Component	Ret. Idx.	Conc. %	
45.754	Unidentified	1433	0.01%	
46.299	trans-beta-Farnesene	1442	0.43%	
46.452	alpha-Humulene	1444	0.03%	
46.621	Lavandulyl isobutyrate analogue	1447	0.05%	
46.852	Unidentified	1451	0.01%	
47.476	Dauca-5,8-diene	1461	0.02%	
48.047	Germacrene D	1470	0.25%	
48.224	trans-beta-Bergamotene	1472	0.02%	
48.940	Unidentified	1484	0.01%	
49.342	Lavandulyl isovalerate	1490	0.18%	
49.493	trans,trans-alpha-Farnesene	1493	0.03%	
49.697	beta-Bisabolene	1496	0.06%	
50.006	gamma-Cadinene	1501	0.13%	
50.314	Unidentified	1506	0.01%	
50.417	cis-Calamenene	1508	0.01%	
50.651	beta-Sesquiphellandrene	1512	0.04%	
54.078	Caryophyllene oxide	1569	0.04%	
56.020	Epicubenol	1602	0.01%	
57.528	tau-Cadinol	1629	0.05%	
59.962	epi-alpha-Bisabolol	1672	0.1%	IFRA

Total Identified Compounds **99.71 %**