

Roman Chamomile Lot#12704 GC/MS Report: Components

Ret. Time	Component	Ret. Idx.	Conc. %	
3.734	Isobutyl alcohol	617	0.01%	
4.042	3-Methylbutanal	648	0.01%	
4.146	2-Methylbutanal	658	0.01%	
4.576	2-Ethylfuran	700	0.01%	
5.162	1-Pentanol	727	0.02%	
5.236	2-Methylbutanol	731	0.05%	
5.991	Isobutyl acetate	765	0.02%	
6.471	1-Octene	788	0.01%	
6.752	Hexanal	800	0.01%	
7.451	Methyl tiglate	819	0.02%	
8.219	3-Methylpentanol	839	0.04%	
8.350	Ethyl 2-methylbutyrate	842	0.06%	
8.594	Propyl isobutyrate	849	0.09%	
9.085	Isobutyl propionate	861	0.02%	
9.450	Isopentyl acetate	871	0.07%	
9.531	2-Methylbutyl acetate	873	0.07%	
9.643	Propyl methacrylate	876	0.06%	
11.183	Isobutyl isobutyrate	911	4.85%	
11.488	Prenyl acetate	917	0.55%	
11.948	2,5,8-Trimethylnonane	925	0.61%	
12.280	alpha-Pinene	931	6.14%	
12.440	Isobutyl methacrylate	934	1.57%	
12.808	Propyl 2-methylbutyrate	941	0.06%	
13.167	Camphene	947	0.43%	
13.247	3-Methylcyclohexanone	949	1.32%	
13.368	Thuja-2,4(10)-diene	951	0.04%	
14.168	Isopentyl propionate	966	0.03%	
14.271	Amyl propionate	968	0.03%	
14.431	Sabinene	970	0.03%	
14.731	beta-Pinene	976	1.67%	
14.856	Hexyl acetate	978	0.2%	
15.371	Myrcene	988	0.07%	
15.490	Propyl angelate	990	0.74%	
16.122	Isobutyl 2-methylbutyrate	1001	0.91%	
16.294	Hex-(3Z)-enyl acetate	1004	0.02%	
16.393	Isobutyl isovalerate	1005	0.16%	
16.737	Isoamyl isobutyrate	1010	3.92%	
16.939	2-Methylbutyl isobutyrate	1014	2.24%	
17.029	Roman chamomile isomer	1015	0.27%	
17.296	Roman chamomile isomer	1019	0.07%	

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17.549	para-Cymene	1023	0.15%	
17.849	Limonene	1027	1.3%	
18.019	1,8-Cineole	1030	0.04%	
18.501	Pentyl methacrylate	1037	1.12%	
18.586	Isopentyl methacrylate	1039	1.68%	
19.151	Isobutyl angelate	1047	9.63%	
19.496	Prenyl isobutyrate	1053	0.87%	
20.053	Methallyl angelate	1061	9.55%	
20.711	Hexyl propionate	1071	0.13%	
21.340	Camphenilone	1081	0.62%	
21.687	Butyl angelate	1086	0.4%	
21.882	Isobutyl tiglate	1089	0.11%	
22.475	Isopentyl 2-methyl butyrate	1098	0.27%	
22.696	2-Methylbutyl-2-methylbutyrate	1102	4.69%	
23.059	2-Methylbutyl isovalerate	1107	0.11%	
23.152	Isobutyl hexanoate	1108	0.21%	
23.542	Hexyl isobutyrate	1114	1.42%	
24.323	alpha-Campholenal	1125	0.1%	
25.281	trans-Pinocarveol	1139	3.08%	
25.517	Butanoic Acid Ester	1143	2.78%	
25.733	Isoamyl angelate	1146	5.38%	
26.014	Isoamyl tiglate	1150	9.34%	
26.259	trans-beta-Terpineol	1153	0.16%	
26.497	Amyl angelate isomer	1157	0.55%	
26.635	trans-Pinocamphone	1159	0.03%	
26.766	Pinocarvone	1161	2.66%	
27.409	Borneol	1170	0.16%	
27.694	Isopinocamphone	1174	0.13%	
28.343	Hexyl angelate	1184	0.07%	
28.695	2-Methyl-2-butene angelate	1189	1.92%	
29.571	3-Methyl-3-methylpentyl butyrate	1201	0.64%	
30.113	Isopentyl hexanoate	1209	0.08%	
31.993	2-Hydroxy-2-methyl-but-3-enyl 2-methyl-2-cis-butenooate	1237	0.44%	
32.859	4-Methylamyl angelate	1250	10.57%	
34.584	(3Z)-Hexenyl angelate	1275	0.07%	
34.898	1-Octen-3-ol butyrate	1280	0.05%	
35.048	Hexyl angelate	1282	0.11%	
41.135	alpha-Copaene	1374	0.03%	
43.922	beta-Caryophyllene	1417	0.05%	
45.161	Benzyl tiglate	1437	0.02%	

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46.024	trans-beta-Farnesene	1451	0.02%	
47.762	Germacrene D	1479	0.62%	
48.253	beta-Selinene	1487	0.03%	
48.657	Bicyclogermacrene	1493	0.04%	
49.210	trans,trans-alpha-Farnesene	1502	0.05%	
50.038	delta-Cadinene	1516	0.02%	
55.350	Copaborneol	1606	0.07%	
67.754	Neophytadiene	1834	0.02%	
67.991	Phytone	1839	0.08%	

Total Identified Compounds **98.18 %**

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5,490,141

