

Yarrow Blue
 Lot# BUZ20-ZK
 Country: Bulgaria



GC/MS Report
 Components

Ret. Time	Component	Ret. Idx.	Conc. %	
4.510	2-Ethyl furan	700	0.02%	
6.362	1-Octene	788	0.04%	
6.605	Octane	800	0.01%	
6.644	Hexanal	801	0.01%	
10.451	Santolinatriene	902	0.23%	
11.525	Tricyclene	921	0.03%	
11.673	alpha-Thujene	924	0.31%	
12.081	alpha-Pinene	932	5.05%	
12.604	Thujadiene isomer	941	0.01%	
12.867	alpha-Fenchene	946	0.02%	
12.961	Camphene	948	0.8%	
13.158	Thuja-2,4(10)diene	951	0.01%	
13.631	Benzaldehyde	960	0.01%	IFRA
14.241	Sabinene	971	13.51%	
14.551	beta-Pinene	977	18.27%	
14.869	6-Methyl hept-5-en-2-one	983	0.02%	
15.004	para-Menth-3-ene	985	0.01%	
15.135	Myrcene	988	0.53%	
15.335	Unidentified	992	0.05%	
15.451	Yomogi alcohol	994	0.27%	
16.057	Hex-(3Z)-enyl acetate	1004	0.04%	
16.180	alpha-Phellandrene	1006	0.08%	
16.326	Unidentified	1008	0.01%	
16.504	Hexyl acetate	1011	0.02%	
16.833	alpha-Terpinene	1016	0.5%	
17.313	para-Cymene	1023	1.13%	
17.435	Unidentified	1025	0.02%	
17.617	Limonene	1028	2.58%	IFRA
17.740	beta-Phellandrene	1030	0.28%	
17.804	1,8-Cineole	1031	7.75%	
18.011	cis-beta-Ocimene	1034	0.08%	
18.681	trans-beta-Ocimene	1044	0.18%	
19.433	Artemisia ketone	1056	7.99%	
20.231	trans-Sabinene hydrate	1068	0.08%	
20.849	Artemisia alcohol	1078	0.25%	
21.246	Terpinolene	1084	0.22%	
22.194	Linalool	1099	0.31%	IFRA
22.250	Unidentified	1099	0.05%	
22.555	Nonanal	1104	0.06%	
23.274	cis-Chrysanthenol	1114	0.03%	

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23.670	Verbenone	1120	0.04%	
23.869	cis-para-Menth-2-en-1-ol	1123	0.02%	
24.986	trans-Pinocarveol	1139	0.08%	
25.110	trans-para-Menth-2-en-1-ol	1141	0.02%	
25.340	trans-Verbenol	1145	0.04%	
25.436	Camphor	1146	4.14%	
25.987	trans-Chrysanthemal	1154	0.08%	
26.465	Pinocarvone	1161	0.05%	
26.561	beta-Artemisia acetate	1162	0.24%	
26.950	Umbellulone	1168	0.02%	
27.012	delta-Terpineol	1169	0.04%	
27.123	Borneol	1170	0.33%	
27.735	Terpinen-4-ol	1179	2.35%	
28.104	Unidentified	1185	0.08%	
28.741	alpha-Terpineol	1194	2.45%	
29.525	Unidentified	1205	0.03%	
29.669	Unidentified	1208	0.02%	
30.334	trans-Carveol	1217	0.02%	
31.124	trans-Chrysanthenyl acetate	1229	0.16%	
31.443	Unidentified	1234	0.05%	
31.945	Cuminal	1241	0.02%	IFRA
32.441	Linalyl acetate	1248	0.15%	
33.781	4-Thujen-2-alpha-ylacetate	1268	0.32%	
34.290	Unidentified	1276	0.14%	
34.700	Lavandulyl acetate	1282	0.02%	
34.770	Bornyl acetate	1283	0.99%	
34.908	Unidentified	1285	0.06%	
35.259	trans-Ascidol glycol	1290	0.03%	
35.523	trans-Pinocarvyl acetate	1294	0.02%	
36.135	Isoascaridole + Unidentified	1303	0.06%	
37.948	Elemene analogue	1330	0.03%	
38.152	delta-Elemene	1334	0.02%	
38.896	alpha-Terpinyl acetate	1345	0.08%	
39.202	Eugenol	1350	0.03%	IFRA
39.691	Neryl acetate	1357	0.03%	
40.371	Isodene	1367	0.02%	
40.673	Unidentified	1372	0.04%	
40.798	alpha-Copaene	1374	0.12%	
40.978	Geranyl acetate	1377	0.01%	
41.311	beta-Bourbonene	1382	0.28%	

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41.495	alpha-Bourbonene	1385	0.02%
41.581	beta-Cubebene	1386	0.03%
41.692	beta-Elemene	1388	0.04%
41.862	cis-Jasmone	1390	0.03%
42.649	cis-beta-Caryophyllene	1402	0.03%
43.628	beta-Caryophyllene	1418	10.54%
44.236	beta-Copaene	1428	0.1%
44.452	trans-alpha-Bergamotene	1431	0.03%
44.926	cis-beta-Farnesene	1439	0.08%
45.139	Isogermaacrene D	1442	0.03%
45.548	trans-Murrola-3,5-diene	1449	0.02%
45.705	trans-beta-Farnesene	1451	0.15%
45.834	alpha-Humulene	1453	0.84%
46.103	Alloaromodendrene	1458	0.02%
46.234	Unidentified	1460	0.04%
47.062	gamma-Murolene	1473	0.06%
47.242	gamma-Curcumene	1476	0.03%
47.449	Germacrene D	1479	7.52%
47.620	trans-beta-Bergamotene	1482	0.02%
47.911	beta-Selinene	1487	0.06%
48.050	trans,trans-alpha-Farnesene	1489	0.06%
48.145	Unidentified	1490	0.02%
48.306	alpha-Zingiberene + Bicyclogermaacrene	1493	0.66%
48.511	alpha-Murolene	1496	0.08%
48.747	Lavandulyl isovalerate	1500	0.09%
48.886	delta-Amorphene + (E,E)-alpha-Farnesene	1502	0.18%
49.383	gamma-Cadinene	1511	0.06%
49.692	delta-Cadinene	1516	0.19%
50.035	beta-Sesquiphellandrene	1522	0.07%
50.781	alpha-Cadinene	1535	0.02%
51.462	Elemol	1546	0.02%
51.868	Unidentified	1553	0.02%
52.234	trans-Nerolidol	1559	0.12%
53.131	Spathulenol	1574	0.05%
53.439	Caryophyllene oxide	1579	0.94%
53.657	Globulol	1583	0.04%
54.165	Viridiflorol	1592	0.11%
55.054	Humulene epoxide II	1607	0.04%
56.320	Eudesmol analogue	1630	0.02%
56.524	cis-Cadin-4en-7-ol	1633	0.03%

Ret. Time	Component	Ret. Idx.	Conc. %
56.897	tau-Cadinol	1640	0.02%
57.005	epi-alpha-Cadinol	1642	0.02%
57.602	alpha-Eudesmol + beta-Eudesmol	1652	0.18%
57.800	Intermedeol	1656	0.03%
58.428	Unidentified	1667	0.1%
61.014	Pentadecanal	1714	0.02%
61.695	Chamazulene	1727	3.5%
67.639	Phytone	1840	0.04%

Total Identified Compounds **99.23 %**

