



THE **perfumery**

## GC/MS Report

Item	Lot
<b>*RAVARO2</b>	<b>LOH0809B</b>
<i>Ravensara aromatica</i> Ravensara (Aromatica) EO	Analyst <b>K. Smith</b>
Date	
<b>8/12/2024</b>	

*Keri L Smith*



Ret. Time	Component	Ret. Idx.	Conc. %
5.827	Toluene	763	0%
11.385	Hashishene	919	0%
11.511	Tricyclene	921	0.01%
11.660	alpha-Thujene	924	0.48%
12.068	alpha-Pinene	931	5.69%
12.853	alpha-Fenchene	946	0.05%
12.951	Camphene	948	0.62%
14.226	Sabinene	971	15.34%
14.507	beta-Pinene	976	4.05%
15.126	Myrcene	988	2.17%
15.976	Unidentified	1003	0.03%
16.179	alpha-Phellandrene	1006	2.8%
16.328	delta-3-Carene	1008	6.64%
16.686	1,4-Cineole	1014	0.01%
16.826	alpha-Terpinene	1016	1.33%
16.982	ortho-Cymene	1018	0.11%
17.305	para-Cymene	1023	0.78%
17.637	Limonene	1028	15.65%
17.723	beta-Phellandrene	1030	1.07%
17.789	1,8-Cineole	1031	1.33%
18.001	cis-beta-Ocimene	1034	1.53%
18.153	2-Heptyl acetate	1036	0.06%
18.676	trans-beta-Ocimene	1044	0.14%
19.116	Unidentified	1051	0.03%
19.456	gamma-Terpinene	1056	1.03%
20.218	trans-Sabinene hydrate	1068	0.09%
20.974	Isoterpinolene	1080	0.03%
21.135	Unidentified	1082	0.01%
21.235	Terpinolene	1084	0.5%
22.212	Linalool	1099	5.66%
23.317	Unidentified	1115	0.02%
23.675	trans-para-Mentha-2,8-dienol	1120	0.01%
23.860	cis-para-Menth-2-en-1-ol	1123	0.04%
24.113	allo-Ocimene	1127	0.1%
25.079	trans-para-Menth-2-en-1-ol	1141	0.03%
27.106	Borneol	1170	0.26%
27.580	Unidentified	1177	0.01%
27.725	Terpinen-4-ol	1179	3.85%
28.138	para-Cymen-8-ol	1185	0.02%
28.715	alpha-Terpineol	1194	0.47%

Ret. Time	Component	Ret. Idx.	Conc. %
28.933	Estragole	1197	2.84%
29.256	alpha-Phellandrene epoxide	1202	0.03%
29.659	trans-Piperitol	1207	0.01%
30.101	Unidentified	1214	0.01%
33.658	Geranial	1266	0.02%
34.070	cis-Ascrinol glycol	1272	0.01%
34.765	Bornyl acetate	1283	0.13%
34.910	trans-Anethole	1285	0.93%
35.384	Dihydroedulan isomer	1292	0.08%
37.105	Unidentified	1318	0.02%
37.220	Unidentified	1319	0.02%
37.918	Elemene isomer	1330	0.04%
38.149	delta-Elemene	1334	0.6%
38.920	alpha-Cubebene	1345	0.39%
39.188	Eugenol	1349	0.04%
39.685	Neryl acetate	1357	0%
40.366	alpha-Ylangene	1367	0.04%
40.792	alpha-Copaene	1374	1.08%
40.965	Geranyl acetate	1377	0.02%
41.205	Elemene isomer	1380	0.03%
41.301	beta-Bourbonene	1382	0.05%
41.577	beta-Cubebene	1386	0.37%
41.686	beta-Elemene	1388	0.75%
42.385	Methyleugenol	1398	3.85%
42.810	alpha-Gurjunene	1405	0.02%
43.599	beta-Caryophyllene	1418	5.15%
44.225	beta-Copaene	1428	0.1%
44.764	Aromandendrene	1436	0.03%
44.956	6,9-Guaiadiene	1439	0.03%
45.130	Isogermacrene D	1442	0.01%
45.426	trans-Murrola-3,5-diene	1447	0.09%
45.540	Unidentified	1449	0.01%
45.694	trans-beta-Farnesene	1451	0.02%
45.824	alpha-Humulene	1453	0.73%
46.099	Alloaromadendrene	1458	0.27%
46.237	cis-Cadina-1(6),4-diene	1460	0.02%
46.864	cis-Murrola-4(14),5-diene	1470	0.06%
47.050	gamma-Murolene	1473	0.15%
47.426	Germacrene D	1479	4.23%
47.796	delta-Selinene	1485	0.04%

Ret. Time	Component	Ret. Idx.	Conc. %
47.904	beta-Selinene	1487	0.1%
48.072	trans-Muurolo-4(14),5-diene	1489	0.16%
48.300	Bicyclgermacrene	1493	0.65%
48.502	alpha-Muuroloene	1496	0.18%
48.766	ala-Bulnesene + delta-Amorphene	1500	0.06%
48.875	trans,trans-alpha-Farnesene	1502	0.01%
49.079	beta-Bisabolene	1506	0.08%
49.378	gamma-Cadinene	1511	0.14%
49.499	Cubebol	1513	0.08%
49.687	delta-Cadinene	1516	0.78%
49.878	cis-Calamenene	1519	0.07%
49.960	Unidentified	1521	0.02%
50.532	trans-Cadine-1,4-diene	1530	0.08%
50.781	alpha-Cadinene	1535	0.03%
51.041	Unidentified	1539	0.01%
51.420	Elemicin	1545	0.53%
51.464	Elemol	1546	1.47%
52.069	Germacrene B	1556	0.05%
52.965	Unidentified	1571	0%
53.121	Spathulenol	1574	0.06%
53.429	Caryophyllene oxide	1579	0.13%
53.658	Unidentified	1583	0.01%
54.299	Guaiol	1594	0.07%
55.220	Unidentified	1610	0%
55.400	Unidentified	1613	0.02%
55.773	Unidentified	1620	0.02%
55.965	Unidentified	1623	0.01%
56.086	1-Epicubenol	1625	0.1%
56.312	gamma-Eudesmol	1629	0.09%
56.894	tau-Cadinol	1640	0.08%
56.988	epi-alpha-Cadinol	1641	0.09%
57.138	delta-Cadinol	1644	0.07%
57.285	Unidentified	1647	0.02%
57.631	Cadin-4-en-10-ol	1653	0.32%
57.800	Unidentified	1656	0.04%
58.173	Bulnesol	1663	0.01%
63.643	Benzyl benzoate	1763	0.01%

Total Identified Compounds **99.71 %**

TIC  
10,885,340

