



Essential Oil University

GC/MS Report

Buddha Wood EO Wild Crafted

Eremophila mitchellii

Item | Lot

0T

Date | Analyst

11/7/2025

Dr. Robert S. Pappas

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The analysis of this batch sample, Buddha Wood EO Wild Crafted, meets the expected chemical profile for authentic essential oil of *Eremophila mitchellii*. No contamination or adulteration was detected. The results provided in this GCMS quality analysis reflect the chemical composition of the oil and lot referenced above on the date of analysis.



Sample Information

Company: Revive**Sample Name:** Buddha Wood EO Wild Crafted**Botanical Name:** Eremophila mitchellii**Lot Number:** 0T**Production Method:** Steam distilled**Sample Type:** EO - Single**Country of Origin:** Australia**Analysis Date:** 11/7/2025**Manufacture Date:** August 2025

GC/MS

Inst. ID: Shimadzu GCMS-QP2010Ultra**Injection Type:** Split**Split Ratio:** 24.4**Column Type:** ZB-5**Injection Volume:** 0.1 µL**Temperature Program:** 2C/min

Physical Data

ANALYSIS

Optical Rotation @20°C

Refractive Index @20°C

Specific Gravity @20°C

METHOD

USP[781]

USP[831]

USP[841]

RESULTS

Not Measurable

1.53780

1.03891



Ret. Time	Component	Ret. Idx.	Conc. %	
3.190	Unidentified	628	0.02%	
37.304	4-Vinyl guaiacol	1298	0.01%	
38.451	Unidentified	1315	0.02%	
40.095	Eugenol	1340	0.05%	ALLERGEN IFRA
42.648	beta-Elemene	1379	0.01%	
45.995	Unidentified	1431	0.01%	
46.314	Unidentified	1436	0.07%	
47.051	Unidentified	1448	0.01%	
47.735	4,5-di-epi-Aristolochene	1459	0.22%	
47.934	Selina-4,11-diene	1462	0.1%	
48.148	Unidentified	1465	0.07%	
48.830	Eremophiline	1476	1.2%	
48.909	beta-Selinene	1477	0.36%	
49.346	alpha-Selinene	1484	0.29%	
49.834	Eremophila-1(10),8,11-triene	1492	0.16%	
50.319	Unidentified	1500	0.02%	
50.413	Nootkatene	1501	0.02%	
51.189	Unidentified	1514	0.05%	
52.460	beta-Vetivenene	1536	0.1%	
53.220	Unidentified	1548	0.05%	
53.436	Unidentified	1552	0.08%	
53.806	Unidentified	1558	0.05%	
54.191	Unidentified	1565	0.01%	
54.705	Unidentified	1573	0.01%	
54.812	Unidentified	1575	0.01%	
55.072	Unidentified	1579	0.07%	
56.537	Intermedeol	1604	1.47%	
57.032	Unidentified	1613	0.01%	
57.392	Unidentified	1619	0.34%	
58.237	Unidentified	1634	0.02%	
58.632	Pogostol	1641	1.52%	
58.828	Intermedeol analogue	1645	0.21%	
59.066	Unidentified	1649	0.74%	
59.356	Unidentified	1654	0.05%	
59.517	Unidentified	1657	0.11%	
59.814	Santalal analogue	1662	4.21%	
61.135	Unidentified	1685	0.02%	
61.471	Unidentified	1691	0.06%	
61.706	Unidentified	1695	0.01%	
61.871	Unidentified	1698	0.04%	



Ret. Time	Component	Ret. Idx.	Conc. %
62.379	Unidentified	1708	0.22%
62.679	Unidentified	1713	0.05%
62.948	Unidentified	1718	0.01%
63.243	Eremophilone	1724	31.2%
63.367	Unidentified	1726	0.14%
63.558	gamma-Costol	1730	0.06%
63.744	Unidentified	1733	0.01%
64.132	8-Hydroxy-11-Eremophilen-9-one (Santalcamphor)	1740	15.24%
64.250	8-hydroxy-1,11-Eremophiladien-9-one	1742	1.52%
64.788	Eremophilol derivative	1752	1.19%
65.140	Eremophilol derivative	1759	0.19%
65.371	Unidentified	1763	0.04%
65.568	Unidentified	1767	0.02%
65.827	Unidentified	1772	0.07%
66.111	Unidentified	1777	0.72%
66.432	Unidentified	1783	0.02%
66.636	Eremophila-7(11),9-dien-8-one	1787	0.54%
66.907	Unidentified	1792	0.04%
67.117	Unidentified	1796	0.1%
67.263	Unidentified	1798	0.13%
67.648	Unidentified	1806	0.03%
67.896	Unidentified	1811	0.02%
68.249	Unidentified	1818	0.02%
68.366	Unidentified	1820	0.01%
68.851	2-Hydroxyeremophilone	1829	29.92%
69.165	Eudesma-5,11(13)-dien-8,12-olide A	1835	0.32%
70.683	9-Hydroxy-1,7(11),9-eremophilatrien-8-one	1865	5.78%
71.825	Unidentified	1887	0.09%
72.117	Unidentified	1893	0.11%
72.569	Unidentified	1902	0.04%
72.865	Unidentified	1908	0.03%
73.427	Unidentified	1919	0.03%
75.039	Furanoeremophilene analogue	1952	0.08%
76.086	Furanoeremophilene	1974	0.12%
79.911	Unidentified	2055	0.02%
94.643	Unidentified	2393	0.01%

Total Identified Compounds **96.09 %**



TIC
9,740,585

