

Laboratory Test Report

SAMPLE NAME : Buddha Wood
CLIENT NAME : Plant Therapy
CLIENT LOT # : BO0109R
APRC LOT# : PT250729A

Column : ZB5 (60 m length × 0.25 mm inner diameter × 0.25 µm film thickness)
Instrument : Shimadzu GCMS-QP2010 Ultra
Carrier gas : Helium 80 psi
Temperature ramp : 2 degrees Celsius per minute up to 260-degree Celsius
Split ratio : 30:1
Sample preparation : 5% w/v solution with Dichloromethane

Interpretation on this sample

The analysis of Buddhawood sample meets the standard chemical profile of *Eremophila mitchellii* essential oil.

Analyzed by : Dr Prabodh Satyal
Reviewed by : Ambika Poudel

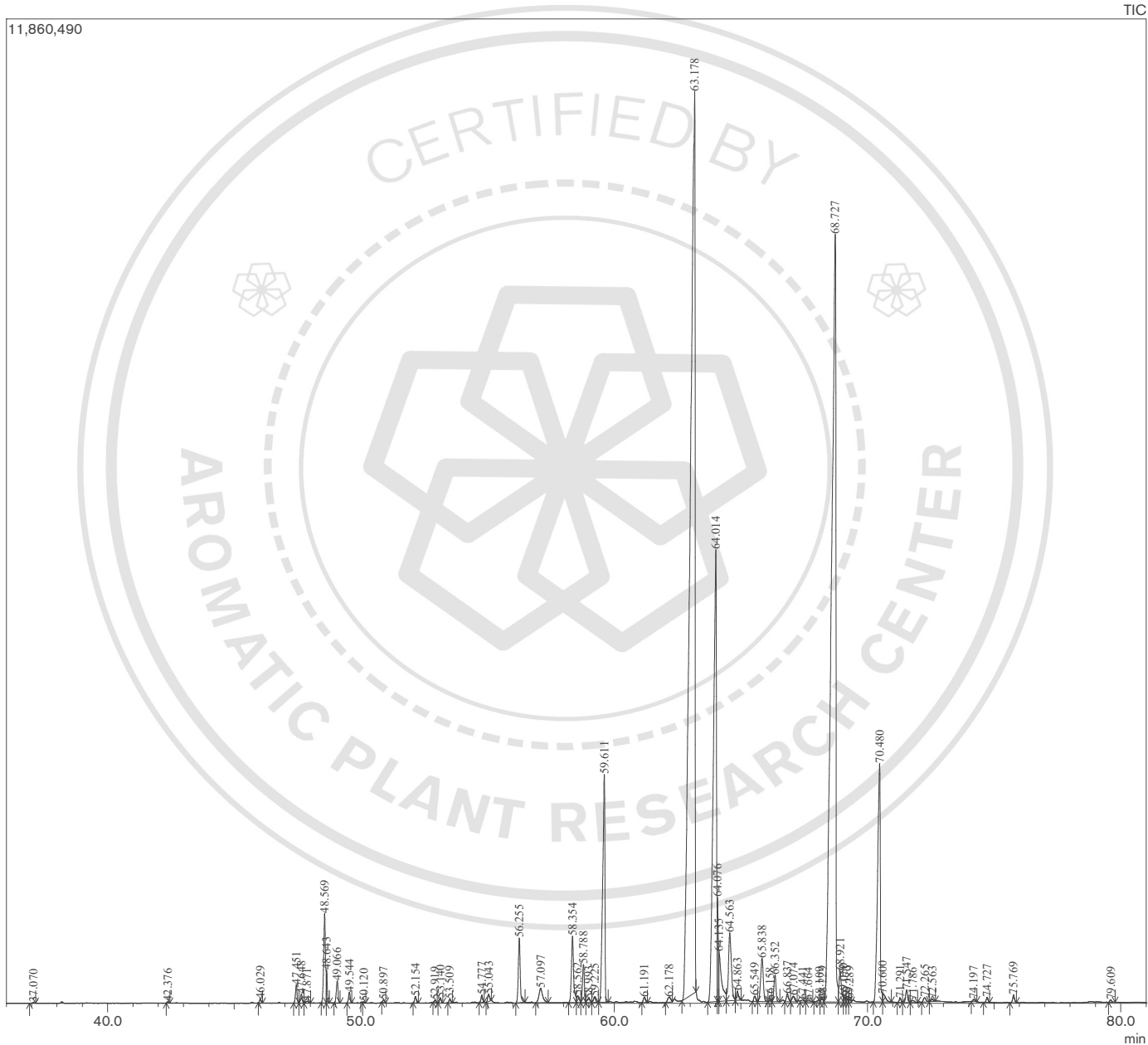
Issued Date : 7/29/2025

GCMS Analysis

Sample Information

Analyzed by : Dr. Prabodh Satyal
Analyzed : 7/29/2025 1:43:53 AM
Sample Type : Essential Oil
Sample Name : Buddha Wood
Client Name : Plant Therapy
Client Lot# : BO0109R
APRC Lot# : PT250729A
Injection Volume : 0.30

Chromatogram



Peak Report

Peak#	R.Time	Name	Area%
1	37.070	para-Vinyl guaiacol	0.01
2	42.376	beta-Elemene	0.02
3	46.029	Unidentified	0.05
4	47.451	4,5-di-epi-Aristolochene	0.24
5	47.648	Unidentified	0.13
6	47.871	Unidentified	0.04
7	48.569	gamma-Gurjunene	1.34
8	48.643	beta-Selinene	0.28
9	49.066	alpha-Selinene	0.31
10	49.544	5-Eremophila-1,9,11-triene	0.14
11	50.120	Nootkatene	0.02
12	50.897	gamma-Vetivenene	0.04
13	52.154	beta-Vetivenene	0.09
14	52.919	alpha-Vetivenene+Eremophila ketone	0.03
15	53.140	Unidentified	0.07
16	53.509	Unidentified	0.05
17	54.777	Unidentified	0.10
18	55.043	Guaiol	0.12
19	56.255	Intermedeol isomer	1.01
20	57.097	gamma-Eudesmol	0.44
21	58.354	Pogostol	1.20
22	58.562	Selin-11-en-4-alpha-ol	0.14
23	58.788	Unidentified	0.56
24	58.993	Bulnesol+Unidentified	0.08
25	59.225	Unidentified	0.10
26	59.611	Eremophila-1,11-dien-9-one	4.24
27	61.191	Unidentified	0.09
28	62.178	Unidentified	0.13
29	63.178	Eremophilone	36.21
30	64.014	8-Hydroxy dihydro eremophilone	11.50
31	64.076	8-alpha-Hydroxy-eremophila-1,11-dien-9-one	0.96
32	64.135	Unidentified	1.11
33	64.563	Unidentified	1.63
34	64.863	Unidentified	0.16
35	65.549	Unidentified	0.08
36	65.838	Unidentified	0.95
37	66.158	Nootkatone	0.02
38	66.352	7(11)-Eremophila-9-dien-8-one	0.45
39	66.837	Unidentified	0.15
40	67.074	Unidentified	0.13
41	67.441	Unidentified	0.05
42	67.664	Unidentified	0.04
43	68.109	Unidentified	0.05
44	68.229	Unidentified	0.07
45	68.727	8-Hydroxy eremophilone	28.35
46	68.921	Unidentified	0.61
47	69.050	Unidentified	0.09
48	69.173	Unidentified	0.06
49	69.289	Callistrin A	0.04
50	70.480	8-Hydroxy dehydro eremophilone	5.28
51	70.600	Unidentified	0.20
52	71.291	Dihydro columellarin	0.06
53	71.547	Unidentified	0.21
54	71.786	Unidentified	0.05
55	72.265	Unidentified	0.10
56	72.563	Unidentified	0.04
57	74.197	Unidentified	0.04
58	74.727	Unidentified	0.07
59	75.769	Furanoeremophilene	0.12
60	79.609	Unidentified	0.04
			100.00