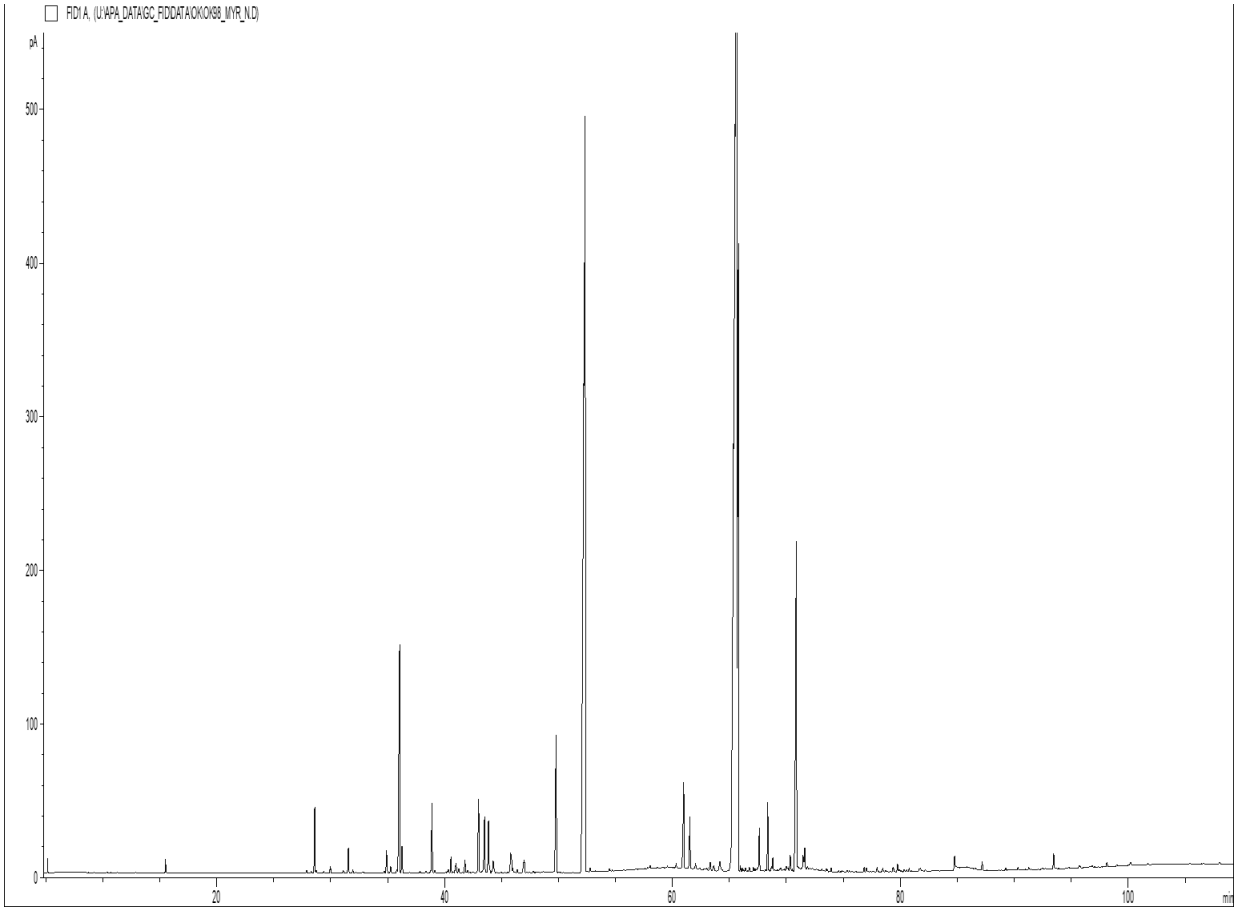
MALIKA ESSENTIALS

GC/MS ANALYSIS REPORT

Product Name	Myrrh Essential Oil
Botanical Name	Commiphora myrrha
Analysis Date	October 6, 2025

Note: This GC/MS report is a representative analysis of this product. Due to volume turnover, it is not specific to an individual lot; specific lots may vary slightly, as is the case with natural products. The lot-specific quality document for each batch is its Certificate of Analysis.

Chromatogram



Identified Compounds

Peak	RT (min)	Compound name	%
1	5.16	ETHANOL	0.06
2	15.52	trans-beta-OCIMENE	0.11
3	27.88	alpha-CUBEBENE	0.03
4	28.29	ELEMENE ISOMER	0.02
5	28.60	delta-ELEMENE	0.68
6	28.74	ELEMENE ISOMER	0.03
7	29.40	YLANGENE	0.02
8	29.97	alpha-COPAENE	0.07
9	31.10	alpha-BOURBONENE	0.03
10	31.55	beta-BOURBONENE	0.27
11	31.95	CYPERENE	0.04
12	32.20	SESQUITERPENE	0.01
13	32.82	SESQUITERPENE	0.02
14	34.70	alpha-cis-BERGAMOTENE	0.02
15	34.90	alpha-SANTALENE	0.27
16		epsilon-CADINENE	
17	35.26	ELEMENE ISOMER	0.07
18	35.81	alpha-trans-BERGAMOTENE	0.04
19	36.06	beta-ELEMENE	3.29
20	36.27	beta-CARYOPHYLLENE	0.33
21	36.94	6,9-GUAIADIENE	0.01
22	37.87	SESQUITERPENE	0.02
23	38.38	SESQUITERPENE	0.03
24	38.74	SESQUITERPENE	0.02
25	38.90	GERMACRENE A	0.79
26	39.17	ALLO-AROMADENDRENE	0.03
27	40.12	ZONARENE	0.02
28	40.27	SESQUITERPENE	0.03
29	40.36	SESQUITERPENE	0.04
30	40.57	alpha-HUMULENE	0.18
31	40.74	SESQUITERPENE	0.02
32	41.02	E-beta-FARNESENE	0.17
33		gamma-SELINENE	
34	41.25	4,5-di-epi-ARISTOLOCHENE	0.05
35	41.79	gamma-MUUROLENE	0.15
36	42.04	SESQUITERPENE	0.03
37	42.21	LEDENE	0.01
38	42.99	GERMACRENE D	0.94
39	43.27	EREMOPHILENE	0.02
40	43.37	CADINADIENE ISOMER	0.03
41	43.52	beta-SELINENE	0.70
42	43.86	alpha-SELINENE	0.67
43		alpha-MUUROLENE	
44	44.27	beta-BISABOLENE	0.22
45		BICYCLOGERMACRENE	
46	45.81	gamma-CADINENE	0.19
47	45.87	delta-CADINENE	0.22
48	46.00	7-epi-alpha-SELINENE	0.05
49	46.38	delta-SELINENE	0.04
50	46.93	SELINA-3,7-DIENE	0.10
51	47.00	SELINADIENE ISOMER	0.15
52	47.23	CADINA-1,4-DIENE	0.01
53	47.81	alpha-AMORPHENE	0.02
54	48.68	TERPENIC COMPOUND	0.02
55	49.37	SESQUITERPENE	0.01
56	49.58	SESQUITERPENE	0.01

57	49.80	GERMACRENE B	1.89
58	50.42	SESQUITERPENE Mw=202	0.01
59	52.34	CURZERENE	25.88
60	52.79	COMPOUND Mw=216	0.05
61	53.23	COMPOUND Mw=216	0.02
62	54.47	alpha-CALACORENE	0.03
63	54.73	COMPOUND Mw=216	0.01
64	57.92	AROMATIC COMPOUND	0.03
65	58.03	CARYOPHYLLENE OXIDE	0.04
66	59.55	alpha-PHOTOSANTALOL A	0.02
67	60.33	COMPOUND Mw=220	0.06
68	60.99	GUAIOL ISOMER	1.27
69	61.53	BENZOFURANIC COMPOUND	0.61
70	62.03	Epi-CUBENOL	0.08
71	62.39	CUBENOL	0.02
72	63.02	COMPOUND Mw=216	0.04
73	63.33	ELEMOL	0.15
74	63.62	trans-beta-ELEMENONE	0.10
75	64.18	FURANODIENE ISOMER Mw=216	0.20
76	64.28	AROMATIC COMPOUND Mw=214	0.04
77	64.87	FURANODIENE ISOMER Mw=216	0.04
78	65.64	FURANOEUDESMA-1,3-DIENE	38.39
79	65.79	LINDESTRENE	8.39
80	65.97	COMPOUND Mw=214	0.07
81	66.15	COMPOUND Mw=214	0.04
82	66.43	EUDESMOL ISOMER	0.05
83	66.74	SESQUITERPENOL	0.05
84	67.12	SESQUITERPENIC OXIDE	0.06
85	67.25	COMPOUND Mw=214	0.04
86	67.52	gamma-EUDESMOL	0.07
87	67.64	T-CADINOL	0.49
88	68.20	COMPOUND Mw=214	0.03
89	68.38	2-METHYL-8,12-EPOXYGERMACRA-1,4-7-11-TETRAENE ISOM	0.79
90	68.69	COMPOUND Mw=216	0.06
91	68.82	SESQUITERPENOL	0.19
92	69.49	SESQUITERPENONE	0.04
93	70.01	AROMATIC COMPOUND	0.05
94	70.13	alpha-EUDESMOL	0.03
95	70.34	COMPOUND Mw=218	0.20
96	70.51	beta-EUDESMOL	0.02
97	70.88	2-METHYL-8,12-EPOXYGERMACRA-1,4-7-11-TETRAENE	6.69
98	71.47	EUDESMA-7(11)-EN-4-OL	0.19
99	71.62	beta-NOOTKATOL	0.24
100	71.86	AROMATIC COMPOUND	0.03
101	73.52	COMPOUND Mw=246	0.04
102	73.61	AROMATIC COMPOUND	0.03
103	73.95	COMPOUND Mw=246	0.05
104	74.59	COMPOUND Mw=246	0.02
105	74.89	AROMATIC COMPOUND	0.02
106	75.35	JUNIPER CAMPHOR	0.02
107	75.55	TERPENIC COMPOUND	0.02

		Mw=220	
108	75.78	TERPENIC COMPOUND	0.02
109	76.83	AROMATIC COMPOUND	0.05
110	77.04	TERPENIC COMPOUND Mw=220	0.05
111	77.97	AROMATIC COMPOUND	0.06
112	78.46	AROMATIC COMPOUND	0.06
113	78.72	AROMATIC COMPOUND	0.02
114	79.39	COMPOUND Mw=220	0.07
115	79.76	2-METHOXY-FURANOGUAIA-9-EN-8-ONE	0.09
116	79.91	COMPOUND Mw=246	0.03
117	80.07	COMPOUND Mw=246	0.02
118	80.35	AROMATIC COMPOUND	0.03
119	80.56	COMPOUND Mw=220	0.02
120	80.77	CURZERENIC ESTER Mw=274	0.04
121	81.68	COMPOUND Mw=246	0.03
122	81.76	CURZERENIC ESTER Mw=274	0.04
123	82.19	COMPOUND Mw=220	0.02
124	84.76	ACETYL-8,12-EPOXYGERMACRA-1,4-7-11-TETRAENE	1.05
125	86.58	AROMATIC COMPOUND	0.02
126	87.19	CURZERENIC ESTER Mw=274	0.12
127	89.25	AROMATIC COMPOUND Mw=232	0.03
128	90.32	AROMATIC COMPOUND Mw=232	0.03
129	90.99	AROMATIC COMPOUND Mw=232	0.01
130	91.27	CURZERENIC ESTER Mw=274	0.03
131	92.46	CURZERENIC ESTER Mw=274	0.02
132	92.74	AROMATIC COMPOUND Mw=228	0.01
133	93.46	AROMATIC COMPOUND Mw=272	0.18
134	93.61	AROMATIC COMPOUND Mw=232	0.02
135	94.77	AROMATIC COMPOUND Mw=232	0.02
136	95.73	AROMATIC COMPOUND Mw=232	0.05
137	96.83	AROMATIC COMPOUND Mw=232	0.03
138	98.13	AROMATIC COMPOUND Mw=232	0.06
139	100.20	ALIPHATIC ALCOHOL	0.04
140	101.71	AROMATIC COMPOUND Mw=232	0.02
141	108.03	AROMATIC COMPOUND Mw=276	0.03
		TOTAL	**99.80**

Faithful copy of the GC/MS analysis report. The original document is kept in the MALIKA Essentials archives.