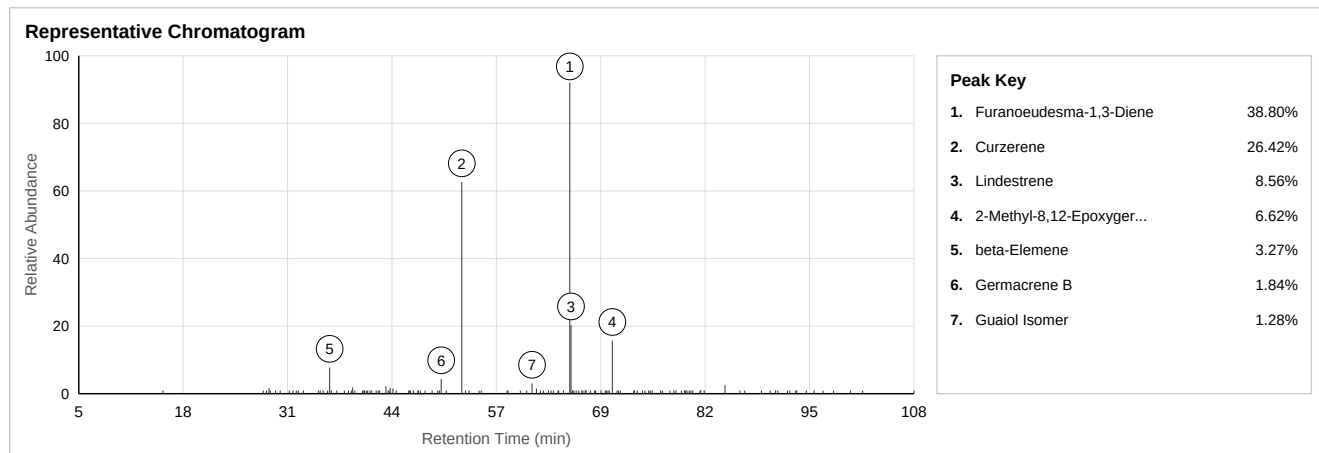


GC-MS Composition Profile

Product Name	Myrrh
Botanical Name	Commiphora myrrha
INCI Name	Commiphora Myrrha Oil
Country of Origin	Somalia
CAS Number	84929-26-0
Analysis Date	September 08, 2025
Profile Type	Typical / representative composition profile; natural lots may vary.

Representative Chromatogram



Peak Composition Table

Peak	RT (min)	Compound	Typical %
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	0.69
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	0.26
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
17	35.26	Elemene Isomer	0.07
18	35.81	alpha-Trans-Bergamotene	0.04
19	36.06	beta-Elemene	3.27
20	36.27	beta-Caryophyllene	0.34
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	0.80
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

Peak	RT (min)	Compound	Typical %
32	41.02	E-beta-Farnesene	0.17
34	41.25	4,5-Di-Epi-Aristolochene	0.05
35	41.79	gamma-Murolene	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	0.66
44	44.27	beta-Bisabolene	0.21
46	45.81	gamma-Cadinene	0.19
47	45.87	Delta-Cadinene	0.21
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	1.84
58	50.42	Sesquiterpene Mw=202	0.01
59	52.34	Curzerene	26.42
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	1.28
69	61.53	Benzofuranic Compound	0.63
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-Elementone	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	38.80
79	65.79	Lindestrene	8.56
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	0.48
88	68.20	Compound Mw=214	0.03
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

Peak	RT (min)	Compound	Typical %
96	70.51	beta-Eudesmol	0.02
97	70.88	2-Methyl-8,12-Epoxygermacra-1,4-7-11-Tetraene	6.62
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 Mw=220	0.02
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

Percentages are presented as a typical composition profile prepared from current reliable source data. Small analytical and natural lot-to-lot variation is expected.