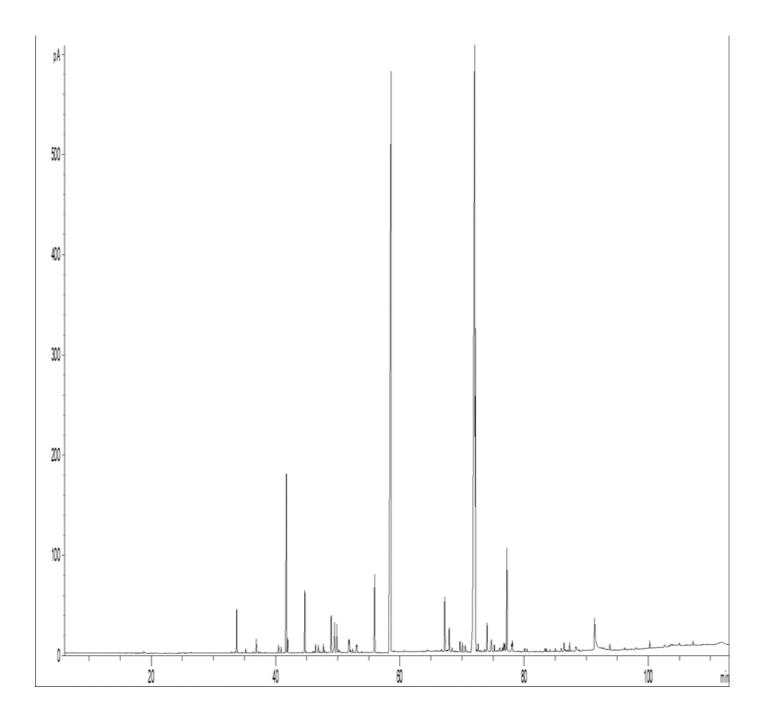


# **GCMS ANALYSIS**

PRODUCT NAME: MYRRH ESSENTIAL OIL (EGYPT) - 11095

DATE: February 26, 2021



Due to volume turnover, this report is not lot specific, It is representative of the quality of this oil produced by the manufacturer of this product, Specific lots may vary slightly as is the case in natural products.



PRODUCT NAME: MYRRH ESSENTIAL OIL (EGYPT) - 11095

Peak	RT (min)	Compound name	%
1	18,78	trans-beta-OCIMENE	0,03
2	32,94	alpha-CUBEBENE	0,03
3	33,40	ELEMENE ISOMER	0,03
4	33,74	delta-ELEMENE	0,90
5	33,91	BICYCLOELEMENE	0,03
6	35,21	alpha-COPAENE	0,09
7	36,41	alpha-BOURBONENE	0,03
8	36,91	beta-BOURBONENE	0,29
9	37,30	alpha-GURJUNENE	0,03
10	40,48	BORNYL ACETATE	0,19
11	40,91	ELEMENE ISOMER	0,13
12	41,75	beta-ELEMENE	4,88
13	41,95	beta-CUBEBENE	0,35
14	43,58	SESQUITERPENE	0,03
15	44,15	CADINA-3,5-DIENE	0,03
16	44,72	GERMACRENE A	1,30
17	44,98	SESQUITERPENE	0,04
18	45,95	ZONARENE	0,03
19	46,21	SESQUITERPENE	0,06
20	46,46	alpha-HUMULENE	0,20
21	46,89	gamma-SELINENE	0,20
22	47,16	4,5-di-epi-ARISTOLOCHENE	0,05
23	47,69	gamma-MUUROLENE	0,19
24	47,89	SESQUITERPENE	0,08
25	48,17	SESQUITERPENE	0,02
26	48,96	GERMACRENE D	0,89
27	49,50	beta-SELINENE	0,82
28	49,86	alpha-SELINENE	0,73
29	50,21	alpha-MUUROLENE	0,10
30	50,39	beta-BISABOLENE	0,04

#### **Disclaimer & Caution**



PRODUCT NAME: MYRRH ESSENTIAL OIL (EGYPT) - 11095

Peak	RT (min)	Compound name	%
31	51,80	delta-CADINENE	0,31
32	51,90	gamma-CADINENE	0,27
33	52,08	7-epi-alpha-SELINENE	0,06
34	52,41	delta-SELINENE	0,08
35	53,00	SELINADIENE ISOMER	0,15
36	53,09	SELINA-3,7(11)-DIENE	0,18
37	53,90	alpha-AMORPHENE	0,03
38	55,96	GERMACRENE B	1,92
39	56,44	CALAMENENE	0,02
40	58,58	CURZERENE Mw=216	27,84
41	59,04	COMPOUND Mw=216	0,03
42	60,53	alpha-CALACORENE	0,03
43	60,77	CARYOPHYLLENE EPOXIDE	0,04
44	64,49	AROMATIC COMPOUND	0,05
45	66,26	SESQUITERPENOL	0,02
46	66,69	COMPOUND Mw=216	0,06
47	67,24	GUAIOL	1,33
48	67,51	SESQUITERPENOL	0,05
49	67,67	SESQUITERPENOL	0,05
50	67,83	SESQUITERPENOL	0,03
51	67,97	FURANOGERMACRENE ISOMER Mw=214	0,55
52	68,42	Epi-CUBENOL	0,11
53	68,82	CUBENOL	0,05
54	69,39	AROMATIC COMPOUND	0,04
55	69,71	ELEMOL	0,25
56	70,11	Trans-beta-ELEMENONE	0,27
57	70,53	FURANODIENE Mw=216	0,24
58	70,79	COMPOUND Mw=214	0,06
59	72,07	FURANOEUDESMA-1,3-DIENE	36,39
60	72,20	LINDESTRENE Mw = 214	6,55

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PRODUCT NAME: MYRRH ESSENTIAL OIL (EGYPT) - 11095

Peak	RT (min)	Compound name	%
61	72,41	COMPOSÉ ISOMERE Mw=216	0,07
62	72,61	FURANOEUDESMADIENE ISOMER	0,20
63	72,80	COMPOUND Mw=216	0,05
64	73,09	SESQUITERPENOL	0,06
65	73,64	gamma-EUDESMOL	0,06
66	73,73	SESQUITERPENOL	0,04
67	74,05	T-CADINOL	0,72
68	74,37	SESQUITERPENOL	0,03
69	74,65	SESQUITERPENOL	0,09
70	74,74	METHYL-8,12-EPOXYGERMACRA-1,4-7-11-TETRAENE ISOMER	0,41
71	75,23	CEMBRENE Mw=272	0,15
72	75,89	SESQUITERPENOL	0,02
73	76,08	SESQUITERPENOL	0,13
74	76,55	DITERPENE	0,09
75	76,73	SESQUITERPENOL	0,19
76	76,92	SESQUITERPENONE Mw=218	0,21
77	77,00	beta-EUDESMOL	0,04
78	77,25	2-METHYL-8,12-EPOXYGERMACRA-1,4-7-11-TETRAENE	2,24
79	78,00	EUDESMA-7(11)-EN-4-OL	0,19
80	78,12	beta-NOOTKATOL	0,27
81	78,54	FARNESYL ACETATE	0,03
82	79,06	SESQUITERPENIC EPOXIDE	0,05
83	80,08	JUNIPER CAMPHOR	0,11
84	80,48	SESQUITERPENOL	0,07
85	81,94	AROMATIC COMPOUND	0,02
86	82,33	AROMATIC COMPOUND	0,03
87	83,37	COMPOUND Mw=220	0,07
88	83,60	COMPOUND Mw=220	0,07
89	84,15	AROMATIC COMPOUND Mw=188	0,06
90	84,65	COMPOUND Mw=232	0,04

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PRODUCT NAME: MYRRH ESSENTIAL OIL (EGYPT) - 11095

Peak	RT (min)	Compound name	%
91	85,03	AROMATIC COMPOUND Mw=246	0,08
92	85,33	COMPOUND Mw=232	0,05
93	85,93	AROMATIC COMPOUND Mw=246	0,06
94	86,01	SESQUITERPENIC EPOXIDE	0,09
95	86,42	2-METHOXYFURANOGUAIA-9-EN-8-ONE	0,20
96	86,56	AROMATIC COMPOUND	0,04
97	86,71	AROMATIC COMPOUND	0,05
98	86,99	AROMATIC COMPOUND	0,04
99	87,33	CURZERENIC ESTER Mw=274	0,21
100	87,61	AROMATIC COMPOUND	0,02
101	88,32	CURZERENIC ESTER Mw=274	0,11
102	88,43	CURZERENIC ESTER Mw=274	0,11
103	88,56	CURZERENIC ESTER Mw=274	0,03
104	88,84	AROMATIC COMPOUND Mw=246	0,04
105	91,35	ACETYL-8,12-EPOXYGERMACRA-1,4-7-11-TETRAENE	3,18
106	92,81	AROMATIC COMPOUND Mw=230	0,03
107	93,30	CURZERENIC ESTER Mw=274	0,02
108	93,81	CURZERENIC ESTER Mw=274	0,13
109	95,72	AROMATIC COMPOUND Mw=230	0,03
110	96,17	AROMATIC COMPOUND Mw=232	0,05
111	97,26	AROMATIC COMPOUND Mw=234	0,03
112	98,08	AROMATIC COMPOUND Mw=230	0,06
113	100,22	NAPHTALENIC COMPOUND	0,17
114	102,60	AROMATIC COMPOUND Mw=232	0,08
115	103,29	AROMATIC COMPOUND Mw=232	0,04
116	103,67	AROMATIC COMPOUND Mw=232	0,11
117	103,88	AROMATIC COMPOUND Mw=232	0,06
118	104,99	AROMATIC COMPOUND Mw=232	0,06
119	107,20	AROMATIC COMPOUND Mw=230	0,12
120	108,84	AROMATIC COMPOUND Mw=230	0,02
121	109,47	AROMATIC COMPOUND Mw=228	0,02
		TOTAL	100,00

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