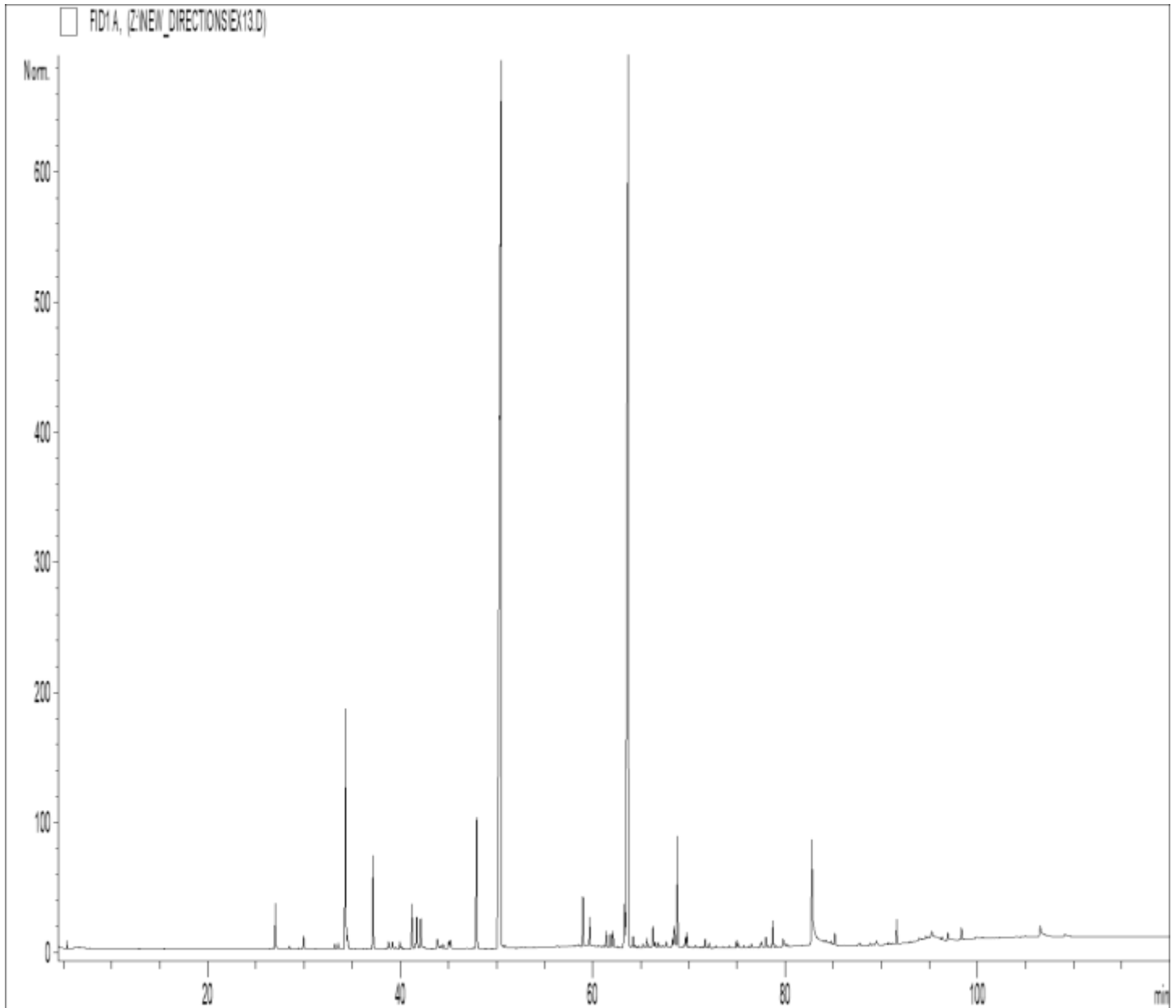


GCMS ANALYSIS

PRODUCT NAME: MYRRH ESSENTIAL OIL (EGYPT) - 11095  
DATE: June 24, 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,*

GCMS ANALYSIS (cont'd.)

PRODUCT NAME: MYRRH ESSENTIAL OIL (EGYPT) - 11095

Peak	RT (min)	Compound name	%
1	5,35	ETHANOL	0,06
2	26,38	alpha-CUBEBENE	0,02
3	26,71	ELEMENE ISOMER	0,02
4	27,01	delta-ELEMENE	0,70
5	27,11	BICYCLOELEMENE	0,04
6	28,47	alpha-COPAENE	0,05
7	29,42	alpha-BOURBONENE	0,02
8	29,94	beta-BOURBONENE	0,23
9	33,19	epsilon-CADINENE	0,09
10	33,55	ELEMENE ISOMER	0,12
11	34,35	<b>beta-ELEMENE</b>	<b>4,52</b>
12	34,49	beta-CARYOPHYLLENE	0,28
13	34,57	SESQUITERPENE	0,05
14	37,16	GERMACRENE A	1,56
15	38,60	ZONARENE	0,02
16	38,78	alpha-HUMULENE	0,13
17	39,19	gamma-SELINENE	0,15
18	39,48	4,5-di-epi-ARISTOLOCHENE	0,02
19	39,94	gamma-MUUROLENE	0,14
20	40,14	CALARENE	0,05
21	41,21	GERMACRENE D	0,84
22	41,58	EREMOPHILENE	0,10
23	41,71	beta-SELINENE	0,61
24	42,12	alpha-SELINENE	0,66
25	42,43	alpha-MUUROLENE	0,06
26	42,55	BICYCLOGERMACRENE	0,03
27	43,86	delta-CADINENE	0,20
28	43,94	gamma-CADINENE	0,07
29	44,21	7-epi-alpha-SELINENE	0,08
30	44,46	delta-SELINENE	0,09

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: MYRRH ESSENTIAL OIL (EGYPT) - 11095

Peak	RT (min)	Compound name	%
31	45,05	SESQUITERPENE	0,16
32	45,21	SELINA-3,7(11)-DIENE	0,19
33	47,96	<b>GERMACRENE B</b>	<b>2,98</b>
34	50,49	<b>CURZERENE Mw=216</b>	<b>39,63</b>
35	50,88	COMPOUND Mw=216	0,05
36	56,31	SESQUITERPENIC EPOXIDE	0,04
37	58,49	SESQUITERPENIC EPOXIDE	0,03
38	58,98	GUAIOL ISOMER	0,83
39	59,68	FURANOGERMACRENE ISOMER Mw=214	0,49
40	60,14	COMPOUND Mw=200	0,02
41	60,56	Epi-CUBENOL	0,03
42	60,78	CUBENOL	0,02
43	61,01	AROMATIC COMPOUND Mw=200	0,02
44	61,41	ELEMOL	0,27
45	61,83	trans-beta-ELEMENONE	0,22
46	62,10	FURANODIENE ISOMER Mw=216	0,31
47	62,50	AROMATIC COMPOUND	0,03
48	62,79	AROMATIC COMPOUND Mw=214	0,03
49	63,29	COMPOUND Mw=216	1,09
50	63,69	<b>FURANOEDESMA-1,3-DIENE</b>	<b>21,34</b>
51	63,75	<b>LINDESTRENE Mw=214</b>	<b>6,55</b>
52	63,96	SESQUITERPENOL	0,03
53	64,12	AROMATIC COMPOUND	0,05
54	64,19	FURANOEDESMADIENE ISOMER Mw=214	0,19
55	64,37	SESQUITERPENOL	0,05
56	64,72	EUDESMOL ISOMER	0,04
57	65,23	SESQUITERPENONE	0,07
58	65,31	T-CADINOL	0,02
59	65,65	gamma-EUDESMOL	0,18
60	66,26	CEMBRENE	0,41

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: MYRRH ESSENTIAL OIL (EGYPT) - 11095

Peak	RT (min)	Compound name	%
61	66,47	GERMACRA-1,4-7-11-TETRAENE, 2-METHYL-8,12-EPOXY- ISOMER	0,12
62	66,81	SESQUITERPENOL	0,08
63	66,88	AROMATIC COMPOUND Mw=212	0,03
64	67,64	DITERPENE Mw=272	0,10
65	68,27	alpha-EUDESOL	0,15
66	68,49	COMPOUND Mw=214	0,52
67	68,60	beta-EUDESOL	0,04
68	68,81	GERMACRA-1,4-7-11-TETRAENE, 2-METHYL-8,12-EPOXY-	2,29
69	69,12	AROMATIC COMPOUND	0,02
70	69,36	AROMATIC COMPOUND	0,02
71	69,49	AROMATIC COMPOUND Mw=230	0,04
72	69,61	EUDESMA-7(11)-EN-4-OL	0,20
73	69,77	beta-NOOTKATOL	0,24
74	69,99	COMPOUND Mw=232	0,03
75	70,19	COMPOUND Mw=216	0,02
76	70,67	CURCUMENIC COMPOUND Mw=214	0,03
77	70,70	COMPOUND Mw=232	0,03
78	71,44	SESQUITERPENIC EPOXIDE	0,03
79	71,70	JUNIPER CAMPHOR	0,15
80	72,11	SESQUITERPENIC EPOXIDE	0,08
81	72,81	DITERPENE Mw=272	0,04
82	73,53	AROMATIC COMPOUND	0,03
83	74,18	AROMATIC COMPOUND	0,05
84	74,94	SESQUITERPENIC EPOXIDE	0,12
85	75,12	SESQUITERPENIC EPOXIDE	0,08
86	75,24	SESQUITERPENIC EPOXIDE	0,02
87	75,70	AROMATIC COMPOUND	0,05
88	76,20	COMPOUND Mw=232	0,04
89	76,50	COMPOUND Mw=246	0,07
90	77,45	2-METHOXY-FURANOQUAIA-9-EN-8-ONE ISOMER	0,06

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: MYRRH ESSENTIAL OIL (EGYPT) - 11095

Peak	RT (min)	Compound name	%
91	77,55	SESQUITERPENIC EPOXIDE	0,11
92	78,00	2-METHOXY-FURANOQUAIA-9-EN-8-ONE	0,22
93	78,24	SESQUITERPENONE	0,04
94	78,66	COMPOUND Mw=246	0,05
95	78,74	CURZENIC ESTER Mw=274	0,40
96	79,79	AROMATIC COMPOUND	0,21
97	80,04	SESQUITERPENIC EPOXIDE	0,05
98	80,27	AROMATIC COMPOUND	0,04
99	80,82	CURZENIC ESTER Mw=274	0,04
100	82,78	<b>ACETYL-8,12-EPOXYGERMACRA-1,4-7-11-TETRAENE</b>	<b>5,75</b>
101	84,26	CURZENIC ESTER Mw=274	0,04
102	84,73	CURZENIC ESTER Mw=274	0,06
103	85,16	CURZENIC ESTER Mw=274	0,19
104	86,06	AROMATIC COMPOUND	0,02
105	87,59	AROMATIC COMPOUND	0,03
106	87,76	AROMATIC COMPOUND	0,06
107	88,85	COMPOUND Mw=232	0,06
108	89,18	CURZENIC ESTER Mw=274	0,03
109	89,46	CURZENIC ESTER Mw=274	0,05
110	89,51	CURZENIC ESTER Mw=274	0,09
111	90,69	CURZENIC ESTER Mw=274	0,03
112	90,91	AROMATIC COMPOUND	0,03
113	91,20	AROMATIC COMPOUND Mw=272	0,03
114	91,60	AROMATIC COMPOUND Mw=272	0,40
115	93,00	AROMATIC COMPOUND	0,02
116	93,95	AROMATIC COMPOUND	0,05
117	94,62	DITERPENIC COMPOUND Mw=280	0,05
118	95,23	AROMATIC COMPOUND	0,15
119	96,34	AROMATIC COMPOUND	0,06
120	96,91	AROMATIC COMPOUND	0,16

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: MYRRH ESSENTIAL OIL (EGYPT) - 11095

Peak	RT (min)	Compound name	%
121	97,20	AROMATIC COMPOUND	0,04
122	97,40	PALMITIC ACID	0,02
123	98,32	AROMATIC COMPOUND	0,24
124	99,89	AROMATIC COMPOUND	0,04
125	100,17	AROMATIC COMPOUND	0,02
		<b>TOTAL</b>	<b>100,00</b>

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