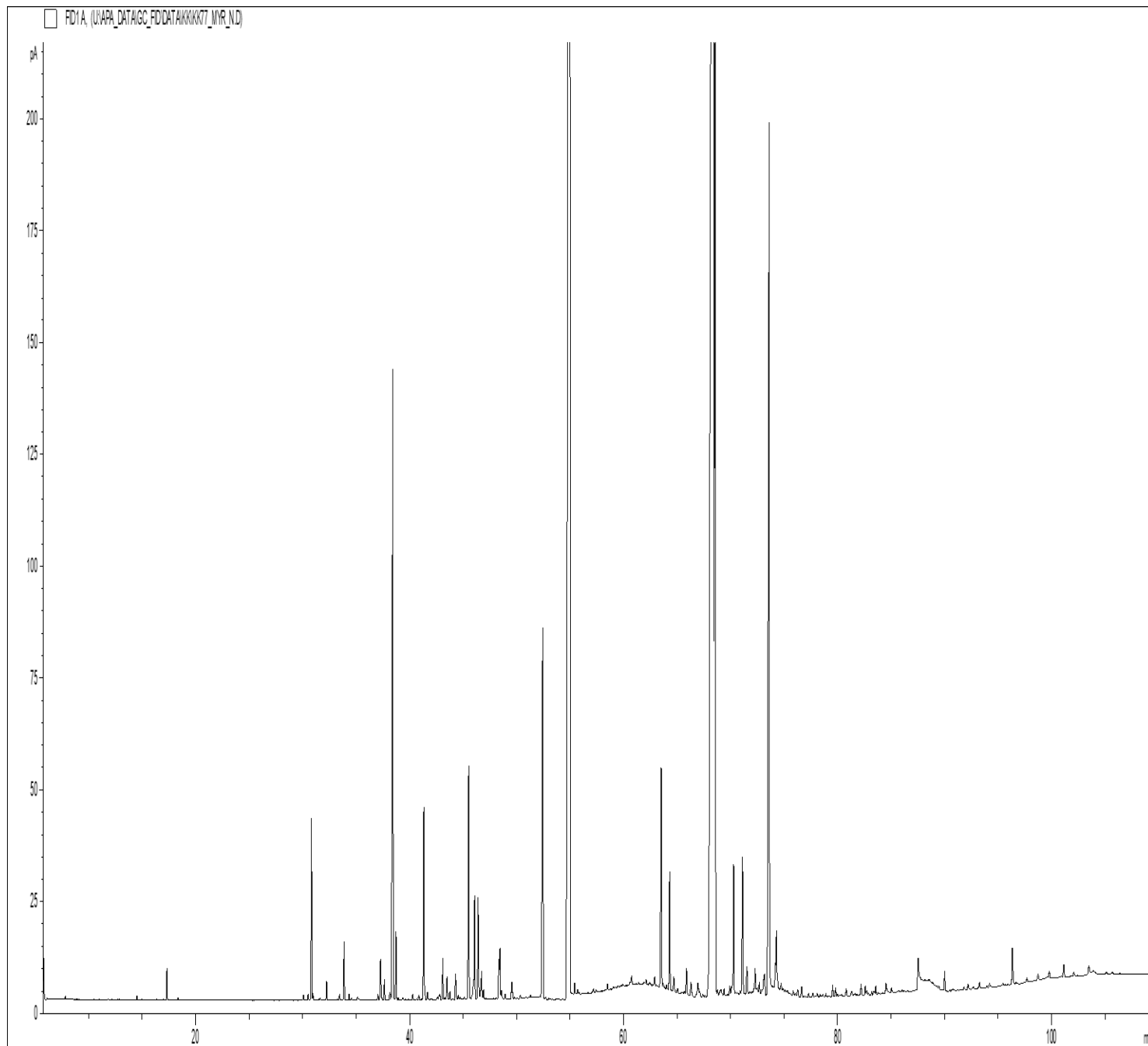


GCMS ANALYSIS

PRODUCT NAME: MYRRH ESSENTIAL OIL – 11095

DATE: August 30, 2023



*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 – 11095**

Peak	RT (min)	Compound name	%
1	5,80	ETHANOL	0,09
2	7,85	alpha-THUYENE	0,01
3	14,52	LIMONENE	0,01
4	17,33	trans-beta-OCIMENE	0,10
5	18,37	p-CYMENE	0,01
6	30,06	alpha-CUBEBENE	0,02
7	30,50	ELEMENE ISOMER	0,02
8	30,82	delta-ELEMENE	0,73
9	30,96	ELEMENE ISOMERE	0,03
10	31,65	YLANGENE	0,01
11	32,23	alpha-COPAENE	0,08
12	33,44	alpha-BOURBONENE	0,03
13	33,87	beta-BOURBONENE	0,24
14	34,34	CYPERENE	0,03
15	34,56	alpha-GURJUNENE	0,01
16	35,13	beta1-CUBEBENE	0,02
17	37,04	alpha-cis-BERGAMOTENE	0,02
18	37,27	alpha-SANTALENE	0,15
19	37,30	epsilon-CADINENE	0,08
20	37,64	ELEMENE ISOMER	0,09
21	38,15	alpha-trans-BERGAMOTENE	0,04
22	38,43	beta-ELEMENE	3,42
23	38,72	<b>beta-CARYOPHYLLENE</b>	<b>0,31</b>
24	39,34	6,9-GUAIADIENE	0,01
25	40,28	GURJUNENE ISOMER	0,03
26	40,86	CADINA-3,5-DIENE	0,02
27	41,32	GERMACRENE A	0,84
28	41,37	SESQUITERPENE	0,06
29	41,65	ALLO-AROMADENDRENE	0,04
30	42,59	SESQUITERPENE	0,01

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**GCMS ANALYSIS (cont'd.)**

**PRODUCT NAME: MYRRH ESSENTIAL OIL – 11095**

Peak	RT (min)	Compound name	%
31	42,74	ZONARENE	0,02
32	42,83	SESQUITERPENE	0,02
33	43,09	alpha-HUMULENE	0,18
34	43,50	gamma-SELINENE	0,13
35	43,77	4,5-di-epi-ARISTOLOCHENE	0,04
36	44,29	gamma-MUUROLENE	0,12
37	44,54	SESQUITERPENE	0,02
38	44,72	LEDENE	0,02
39	45,10	BENZOFURAN, 4,7-DIMETHYL-	0,02
40	45,52	GERMACRENE D	1,16
41	45,96	CADINADIENE ISOMER	0,10
42	46,07	beta-SELINENE	0,47
43	46,39	alpha-SELINENE	0,51
44	46,66	alpha-MUUROLENE	0,04
45	46,71	beta-BISABOLENE	0,12
46	46,91	BICYCLOGERMACRENE	0,05
47	48,34	delta-CADINENE	0,18
48	48,43	gamma-CADINENE	0,23
49	48,58	alpha-PANASINSEN	0,05
50	48,93	delta-SELINENE	0,02
51	49,57	SELINA-3,7-DIENE	0,12
52	50,35	alpha-AMORPHENE	0,02
53	51,30	TERPENIC COMPOUND	0,02
54	52,44	GERMACRENE B	1,99
55	54,98	<b>CURZERENE</b>	<b>27,62</b>
56	55,44	COMPOUND Mw=216	0,05
57	55,71	Epi-CUBEBOL	0,03
58	57,18	alpha-CALACORENE	0,02
59	58,50	CUBEBOL	0,03
60	60,59	AROMATIC COMPOUND	0,02

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**GCMS ANALYSIS (cont'd.)**

**PRODUCT NAME: MYRRH ESSENTIAL OIL – 11095**

Peak	RT (min)	Compound name	%
61	60,74	CARYOPHYLLENE OXIDE	0,06
62	62,10	alpha-PHOTOSANTALOL A	0,03
63	62,91	COMPOUND Mw=220	0,06
64	63,52	GUAJOL ISOMER	1,22
65	63,69	COMPOUND Mw=216	0,03
66	64,30	BENZOFURANIC COMPOUND	0,55
67	64,70	Epi-CUBENOL	0,09
68	65,04	CUBENOL	0,03
69	65,42	COMPOUND Mw=216	0,02
70	65,69	COMPOUND Mw=246	0,02
71	65,87	ELEMOL	0,13
72	66,30	trans-beta-ELEMENONE	0,13
73	66,95	FURANODIENE ISOMER Mw=216	0,15
74	67,10	AROMATIC COMPOUND Mw=214	0,03
75	68,40	<b>FURANOEDESMA-1,3-DIENE</b>	<b>35,62</b>
76	68,58	<b>LINDESTRENE</b>	<b>9,16</b>
77	68,78	COMPOUND Mw=214	0,04
78	69,11	COMPOUND Mw=214	0,09
79	69,40	EUDESMOL ISOMER	0,05
80	69,91	SESQUITERPENIC OXIDE	0,07
81	70,08	gamma-EUDESMOL	0,06
82	70,28	T-CADINOL	0,67
83	70,89	AROMATIC COMPOUND	0,05
84	71,12	2-METHYL-8,12-EPOXYGERMACRA-1,4-7-11-TETRAENE ISOM	0,78
85	71,52	SESQUITERPENOL	0,20
86	71,79	COMPOUND Mw=216	0,05
87	72,29	COMPOUND Mw=230	0,25
88	72,49	AROMATIC COMPOUND	0,06
89	72,69	alpha-EUDESMOL	0,10
90	72,94	SESQUITERPENONE	0,06

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**GCMS ANALYSIS (cont'd.)**

**PRODUCT NAME: MYRRH ESSENTIAL OIL – 11095**

Peak	RT (min)	Compound name	%
91	73,14	beta-EUDESOL	0,12
92	73,16	alpha-CADINOL	0,09
93	73,59	<b>2-METHYL-8,12-EPOXYGERMACRA-1,4-7-11-TETRAENE</b>	<b>6,00</b>
94	74,18	EUDESMA-7(11)-EN-4-OL	0,09
95	74,27	beta-NOOTKATOL	0,27
96	74,33	AROMATIC COMPOUND	0,06
97	74,72	AROMATIC COMPOUND	0,04
98	75,84	COMPOUND Mw=246	0,05
99	76,04	COMPOUND Mw=246	0,02
100	76,27	JUNIPER CAMPHOR	0,05
101	76,64	TERPENIC COMPOUND Mw=220	0,06
102	77,30	SESQUITERPENOL	0,02
103	77,69	TERPENIC COMPOUND	0,02
104	78,09	AROMATIC COMPOUND	0,02
105	78,37	AROMATIC COMPOUND	0,01
106	78,61	COMPOUND Mw=246	0,02
107	79,54	TERPENIC COMPOUND Mw=220	0,06
108	79,81	AROMATIC COMPOUND	0,04
109	79,99	AROMATIC COMPOUND	0,01
110	80,81	AROMATIC COMPOUND	0,05
111	81,31	AROMATIC COMPOUND	0,04
112	81,63	COMPOUND Mw=220	0,02
113	82,19	COMPOUND Mw=246	0,07
114	82,59	2-METHOXY-FURANOGLAIA-9-EN-8-ONE	0,05
115	82,75	COMPOUND Mw=220	0,03
116	83,36	COMPOUND Mw=246	0,02
117	83,57	AROMATIC COMPOUND	0,04
118	84,52	AROMATIC COMPOUND Mw=274	0,12
119	85,04	AROMATIC COMPOUND	0,05
120	86,04	AROMATIC COMPOUND	0,01

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**GCMS ANALYSIS (cont'd,)**

**PRODUCT NAME: MYRRH ESSENTIAL OIL – 11095**

Peak	RT (min)	Compound name	%
121	87,53	ACETYL-8,12-EPOXYGERMACRA-1,4-7-11-TETRAENE	1,57
122	90,01	CURZERENIC ESTER Mw=274	0,10
123	90,78	AROMATIC COMPOUND Mw=232	0,02
124	91,82	COMPOUND Mw=212	0,02
125	92,19	COMPOUND Mw=230	0,04
126	92,70	AROMATIC COMPOUND Mw=232	0,03
127	93,28	AROMATIC COMPOUND Mw=232	0,05
128	93,96	AROMATIC COMPOUND Mw=274	0,01
129	94,20	AROMATIC COMPOUND Mw=274	0,02
130	95,46	AROMATIC COMPOUND Mw=228	0,02
131	96,34	AROMATIC COMPOUND Mw=272	0,21
132	96,68	DITERPENE	0,02
133	97,70	AROMATIC COMPOUND Mw=232	0,02
134	98,75	AROMATIC COMPOUND Mw=232	0,04
135	99,61	AROMATIC COMPOUND	0,02
136	99,80	AROMATIC COMPOUND Mw=232	0,04
137	101,15	AROMATIC COMPOUND Mw=232	0,07
138	102,10	AROMATIC COMPOUND Mw=232	0,03
139	103,49	COMPOUND Mw=230	0,05
140	105,13	COMPOUND Mw=230	0,01
141	112,23	AROMATIC COMPOUND Mw=276	0,04
		TOTAL	99,77

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