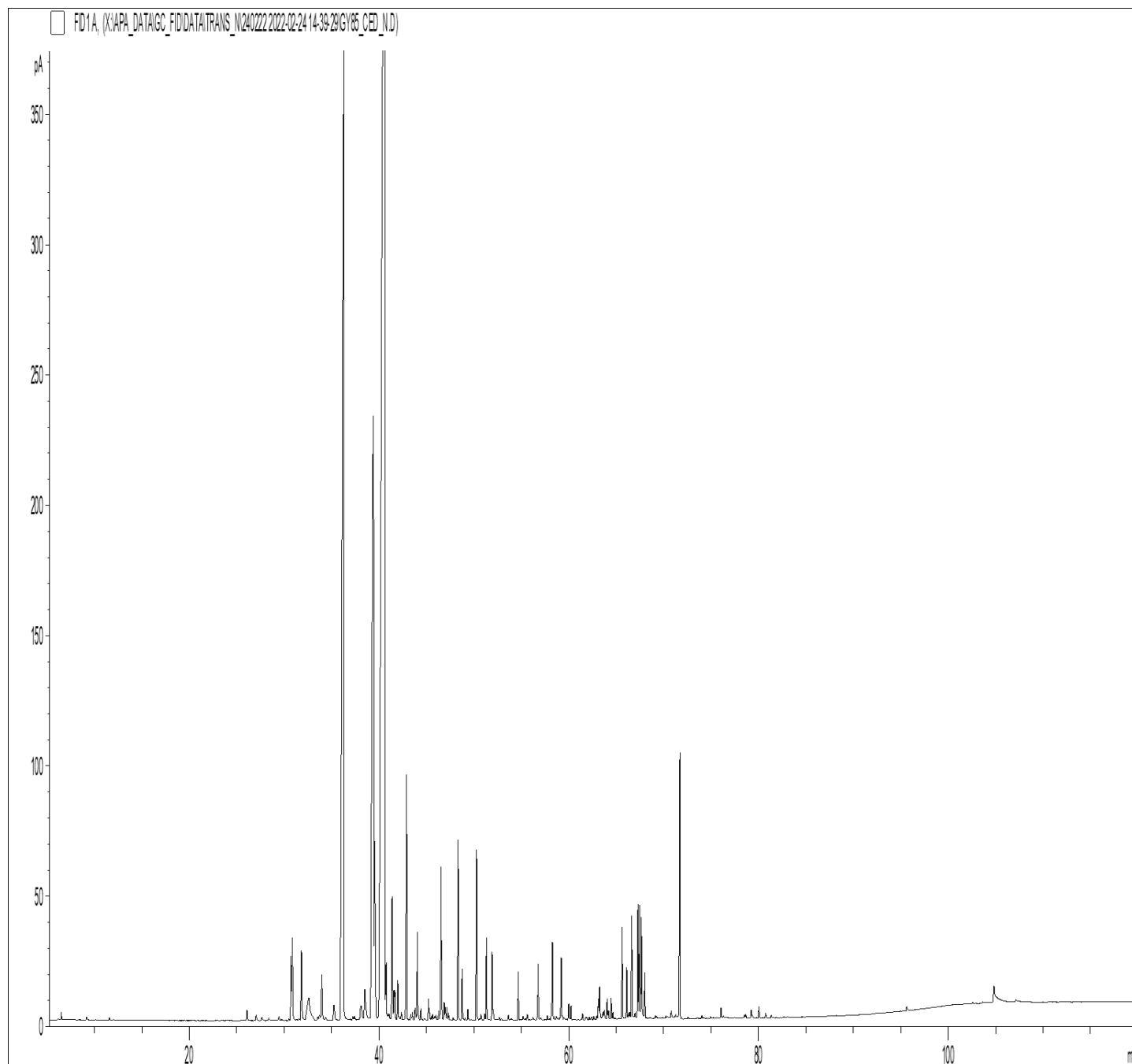


GCMS ANALYSIS

PRODUCT NAME: CEDARWOOD ORGANIC ESSENTIAL OIL (ATLAS) – 50045

DATE: March 9, 2022



*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: CEDARWOOD ORGANIC ESSENTIAL OIL (ATLAS) – 50045

Peak	RT (min)	Compound	%
1	6,52	alpha-PINENE	0,02
2	9,16	3-PENTEN-2-ONE, 4-METHYL-	0,02
3	11,58	LIMONENE	0,01
4	26,07	alpha-LONGIPINENE	0,08
5	27,04	YLANGENE	0,04
6	27,66	alpha-COPAENE	0,03
7	28,37	alpha-GURJUNENE	0,02
8	29,46	SATIVENE	0,04
9	30,47	SESQUITERPENE	0,01
10	30,72	4-ACETYLCYCLOHEX-1-ENE, 1-METHYL-	0,42
11	30,86	CADINADIENE ISOMER	0,68
12	31,33	SESQUITERPENE	0,02
13	31,58	SESQUITERPENE	0,02
14	31,81	LONGIFOLENE	0,60
15	32,59	EUDESMATRIENE ISOMER	0,73
16	33,54	SESQUITERPENE	0,04
17	33,72	SESQUITERPENE Mw=202	0,06
18	33,96	CEDRENE ISOMER	0,45
19	34,36	SESQUITERPENE	0,03
20	35,24	HIMACHALENE ISOMER	0,21
21	35,54	SESQUITERPENE	0,01
22	36,30	<b>alpha-HIMACHALENE</b>	<b>17,09</b>
23	36,96	SESQUITERPENE Mw=202	0,03
24	37,23	SESQUITERPENE Mw=202	0,03
25	37,41	HIMACHALENE ISOMER	0,04
26	38,11	E-beta-FARNESENE	0,28
27	38,51	HIMACHALENE ISOMER	0,50
28	38,94	SESQUITERPENE	0,02
29	39,40	<b>gamma-HIMACHALENE</b>	<b>9,85</b>
30	39,56	<b>11-alpha-HIMACHALA-1,4-DIENE</b>	<b>1,82</b>

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CEDARWOOD ORGANIC ESSENTIAL OIL (ATLAS) – 50045

Peak	RT (min)	Compound	%
31	40,65	<b>beta-HIMACHALENE</b>	<b>44,71</b>
32	40,71	CADINENE ISOMER	0,11
33	40,78	EUDESMA-2,4,11-TRIENE ISOMER	0,34
34	40,90	SESQUITERPENE	0,04
35	40,98	SESQUITERPENE	0,03
36	41,06	SESQUITERPENE	0,05
37	41,17	SESQUITERPENE	0,01
38	41,39	HIMACHALENE ISOMER	1,01
39	41,60	ISOTHUYOPSENE	0,20
40	41,68	COMPOUND Mw=222	0,20
41	41,99	SESQUITERPENE Mw=202	0,27
42	42,11	SESQUITERPENE Mw=202	0,03
43	42,37	SESQUITERPENE Mw=202	0,08
44	42,91	<b>delta-CADINENE</b>	<b>1,75</b>
45	43,36	p-METHYLACETOPHENONE	0,05
46	43,52	alpha-CURCUMENE	0,05
47	43,81	SESQUITERPENE Mw=202	0,11
48	44,05	trans-alpha-BISABOLENE	0,53
49	44,15	SESQUITERPENE Mw=202	0,04
50	44,43	CADINA-1,4-DIENE	0,08
51	44,81	SESQUITERPENE Mw=202	0,02
52	45,23	CYPERADIENE ISOMER	0,19
53	45,52	SESQUITERPENE Mw=202	0,02
54	45,67	GERMACRENE B	0,04
55	45,79	IONONE ISOMER	0,01
56	45,88	AROMATIC COMPOUND	0,03
57	46,00	TETRAMETHYL DIHYDRO NAPHTALENE Mw=186	0,04
58	46,31	SESQUITERPENE Mw=202	0,06
59	46,55	EUDESMA-2,4,11-TRIENE ISOMER	1,03
60	46,63	CUPARENE	0,06

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CEDARWOOD ORGANIC ESSENTIAL OIL (ATLAS) – 50045

Peak	RT (min)	Compound	%
61	46,88	cis-CALAMENENE	0,12
62	47,01	trans-CALAMENENE	0,08
63	47,16	AROMATIC COMPOUND	0,08
64	47,33	SESQUITERPENE Mw=202	0,05
65	47,83	COMPOUND Mw=200	0,02
66	48,35	OCTAHYDRO METHYLPHENANTHRENE ISOMER Mw=200	1,14
67	48,77	CADINA-1,6,8-TRIENE	0,34
68	49,11	SESQUITERPENE Mw=202	0,01
69	49,37	VESTITENONE ISOMER	0,08
70	50,29	OCTAHYDRO METHYLPHENANTHRENE ISOMER Mw=200	1,09
71	50,61	CALACORENE ISOMER	0,01
72	50,75	SESQUITERPENONE	0,04
73	51,15	AROMATIC COMPOUND	0,05
74	51,34	alpha-CALACORENE	0,52
75	51,59	CALACORENE ISOMER	0,01
76	51,93	VESTITENONE	0,45
77	52,04	AROMATIC COMPOUND	0,07
78	52,40	SESQUITERPENIC EPOXIDE	0,01
79	52,69	AROMATIC COMPOUND Mw=208	0,02
80	52,89	SESQUITERPENIC EPOXIDE	0,01
81	53,65	beta-CALACORENE	0,05
82	53,94	AROMATIC COMPOUND	0,02
83	54,69	AROMATIC KETONE Mw=218	0,31
84	55,20	AROMATIC COMPOUND	0,03
85	55,64	IONONE ISOMER	0,05
86	56,25	COMPOUND Mw=216	0,02
87	56,78	beta-HIMACHALENE OXIDE	0,39
88	57,03	OXYGENED COMPOUND Mw=220	0,03
89	57,55	COMPOUND Mw=280	0,01
90	57,75	COMPOUND Mw=234	0,04

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CEDARWOOD ORGANIC ESSENTIAL OIL (ATLAS) – 50045

Peak	RT (min)	Compound	%
91	58,00	COMPOUND Mw=218	0,02
92	58,19	NEROLIDOL	0,04
93	58,29	METHOXYBENZYL ALCOHOL	0,57
94	58,58	CADALENE ISOMER	0,03
95	58,73	AROMATIC COMPOUND Mw=200	0,03
96	58,97	AROMATIC COMPOUND	0,02
97	59,22	CUBENOL	0,44
98	59,34	p-CRESOL	0,03
99	59,50	COMPOUND Mw=234	0,03
100	59,75	COMPOUND Mw=218	0,01
101	60,01	OXYGENED COMPOUND Mw=220	0,12
102	60,24	OXYGENED COMPOUND Mw=220	0,09
103	60,69	SESQUITERPENIC EPOXIDE	0,01
104	61,45	COMPOUND Mw=202	0,05
105	61,81	OXYGENED COMPOUND Mw=220	0,02
106	61,92	COMPOUND Mw=250	0,02
107	62,18	AROMATIC COMPOUND	0,02
108	62,41	AROMATIC COMPOUND	0,03
109	62,64	COMPOUND Mw=236	0,03
110	62,97	EUDESMOL ISOMER	0,02
111	63,14	SESQUITERPENIC EPOXIDE	0,15
112	63,27	LONGIBORNEOL	0,26
113	63,60	HIMACHALOL ISOMER	0,07
114	63,75	AROMATIC COMPOUND	0,08
115	64,06	TURMERONE ISOMER	0,14
116	64,19	HIMACHALOL ISOMER	0,06
117	64,48	OXYGENED COMPOUND Mw=220	0,17
118	64,67	OXYGENED COMPOUND Mw=220	0,05
119	64,89	TURMERONE ISOMER	0,01
120	65,64	TURMERONE ISOMER	0,58

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CEDARWOOD ORGANIC ESSENTIAL OIL (ATLAS) – 50045

Peak	RT (min)	Compound	%
121	66,12	HIMACHALOL	0,34
122	66,31	AROMATIC COMPOUND Mw=190	0,04
123	66,44	CADALENE ISOMER	0,03
124	66,65	ATLANTONE ISOMER	0,66
125	66,99	CURCUMENIC COMPOUND	0,03
126	67,31	Z-alpha-ATLANTONE	0,78
127	67,49	beta-ATLANTONE	0,72
128	67,67	ALLO-HIMACHALOL	0,74
129	68,02	ATLANTONE ISOMER	0,29
130	69,15	COMPOUND Mw=238	0,02
131	69,28	COMPOUND Mw=280	0,02
132	70,26	AROMATIC COMPOUND	0,01
133	70,44	AROMATIC COMPOUND	0,01
134	70,81	AROMATIC COMPOUND	0,05
135	71,29	COMPOUND Mw=220	0,02
136	71,73	E-alpha-ATLANTONE	2,55
137	72,58	AROMATIC COMPOUND	0,02
138	73,54	COMPOUND Mw=275	0,01
139	74,03	AROMATIC COMPOUND Mw=202	0,03
140	74,24	SESQUITERPENIC OXIDE	0,02
141	74,97	AROMATIC COMPOUND	0,02
142	76,06	HIMACHALENOL ISOMER	0,08
143	76,33	AROMATIC COMPOUND	0,03
144	76,50	COMPOUND Mw=216	0,02
145	76,77	AROMATIC COMPOUND	0,01
146	77,53	AROMATIC COMPOUND	0,01
147	78,54	OXYGENED COMPOUND Mw=220	0,03
148	78,68	AROMATIC COMPOUND	0,03
149	79,24	OXYGENED COMPOUND Mw=220	0,09
150	80,05	OXYGENED COMPOUND Mw=220	0,09

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CEDARWOOD ORGANIC ESSENTIAL OIL (ATLAS) – 50045

Peak	RT (min)	Compound	%
151	80,76	OXYGENED COMPOUND Mw=220	0,04
152	81,36	OXYGENED COMPOUND Mw=220	0,02
153	95,64	PALMITIC ACID	0,04
154	104,83	OLEIC ACID	0,35
155	107,15	LINOLEIC ACID	0,03
		<b>TOTAL</b>	<b>99,97</b>

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