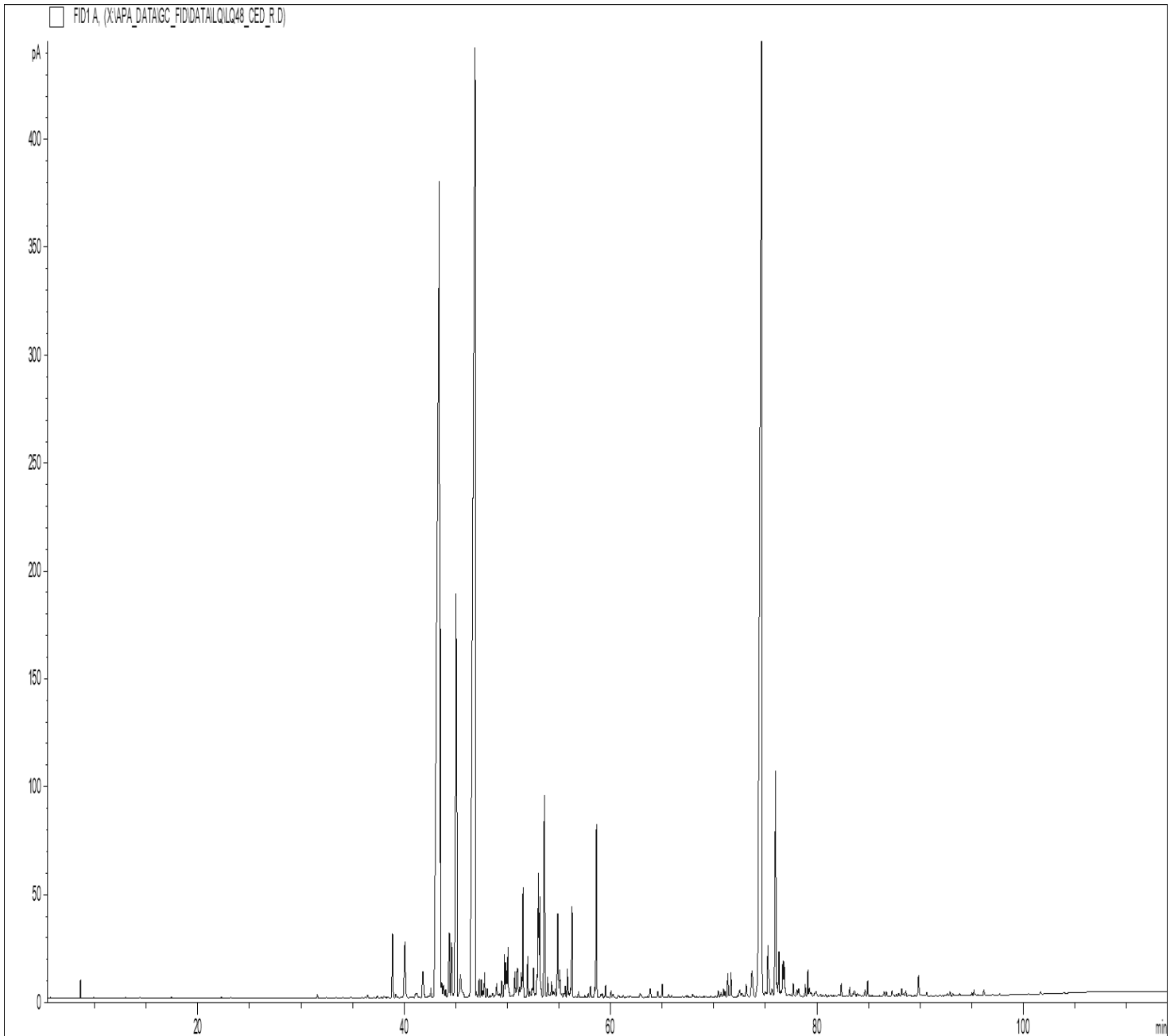


GCMS ANALYSIS

PRODUCT NAME: CEDARWOOD ESSENTIAL OIL (VIRGINIAN) – 11025

DATE: May 09, 2024



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 ESSENTIAL OIL (VIRGINIAN) – 11025

Peak	RT (min)	Compound	%
1	8,65	alpha-PINENE	0,08
2	31,58	SESQUITERPENE	0,03
3	36,47	SESQUITERPENE	0,03
4	37,39	SESQUITERPENE	0,02
5	38,02	alpha-COPAENE	0,02
6	38,87	CEDRENE ISOMER	0,61
7	39,19	CADINADIENE ISOMER	0,04
8	40,07	CEDRENE ISOMER	0,74
9	41,19	BERGAMOTENE ISOMER	0,10
10	41,81	alpha-LONGIPINENE	0,37
11	42,58	alpha-cis-BERGAMOTENE	0,07
12	43,42	alpha-CEDRENE	20,66
13	43,52	beta-FUNEBRENE	2,39
14	43,60	SESQUITERPENE	0,07
15	43,66	SESQUITERPENE	0,09
16	43,82	SESQUITERPENE	0,13
17	44,03	SESQUITERPENE	0,06
18	44,38	CEDRENE ISOMER	0,70
19	44,58	beta-ELEMENE	0,52
20	45,03	beta-CEDRENE	5,62
21		beta-CARYOPHYLLENE	
22	45,45	SESQUITERPENE	0,22
23	45,46	METHYL THYMOL ETHER	0,19
24	45,71	SESQUITERPENE	0,06
25	46,27	SESQUITERPENE	0,02
26	46,87	THUYOPSENE	21,75
27	46,99	SESQUITERPENE	0,05
28	47,26	PREZIZA-7-ENE	0,13
29	47,47	AROMATIC COMPOUND	0,14
30	47,63	GURJUNENE ISOMER	0,05

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GCMS ANALYSIS (cont'd,)
PRODUCT NAME: CEDARWOOD ESSENTIAL OIL (VIRGINIAN) – 11025

Peak	RT (min)	Compound	%
31	47,79	alpha-HIMACHALENE	0,19
32	48,05	SANTALENE ISOMER	0,07
33	48,57	SESQUITERPENE	0,05
34	48,79	SESQUITERPENE	0,02
35	48,96	SESQUITERPENE	0,14
36	49,10	SESQUITERPENE	0,02
37	49,25	SESQUITERPENE	0,04
38	49,44	alpha-HUMULENE	0,14
39	49,73	CURCUMENE ISOMER	0,34
40	49,87	SESQUITERPENE	0,35
41	50,06	HIMACHALENE ISOMER	0,41
42		gamma-SELINENE	
43	50,17	SESQUITERPENE	0,04
44	50,45	SESQUITERPENE	0,02
45	50,60	SESQUITERPENE	0,02
46	50,72	gamma-MUUROLENE	0,23
47	50,98	gamma-CURCUMENE	0,45
48		gamma-HIMACHALENE	
49	51,19	11-alpha-HIMACHALA-1,4-DIENE	0,10
50	51,34	SESQUITERPENE	0,20
51	51,52	beta-CHAMIGRENE	0,92
52	51,97	beta-HIMACHALENE	0,34
53	52,17	SESQUITERPENE	0,07
54	52,40	SESQUITERPENE	0,09
55	52,53	beta-SELINENE	0,27
56	52,71	alpha-ZINGIBERENE	0,03
57	52,85	alpha-SELINENE	0,18
58	53,01	CHAMIGRENE ISOMER	1,21
59	53,15	TERPENIC ESTER	0,85
60	53,25	SESQUITERPENE	0,07

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GCMS ANALYSIS (cont'd,)
PRODUCT NAME: CEDARWOOD ESSENTIAL OIL (VIRGINIAN) – 11025

Peak	RT (min)	Compound	%
61	53,59	HIMACHALENE ISOMER	1,95
62	53,91	beta-CURCUMENE	0,16
63	54,02	SESQUITERPENE	0,03
64	54,28	SESQUITERPENE Mw=202	0,15
65	54,43	SESQUITERPENE	0,05
66	54,63	E,E-alpha-FARNESENE	0,07
67	54,88	delta-CADINENE	0,79
68		gamma-CADINENE	
69	55,07	SELINADIENE ISOMER	0,25
70	55,28	CURCUMENE ISOMER	0,04
71	55,46	SESQUITERPENE	0,05
72	55,61	beta-SESQUIPHELLANDRENE	0,09
73	55,82	alpha-CURCUMENE	0,22
74	55,96	trans-alpha-BISABOLENE	0,04
75	56,11	CADINA-1,4-DIENE	0,07
76	56,26	HIMACHALENE ISOMER	0,74
77	56,90	alpha-AMORPHENE	0,04
78	57,51	SESQUITERPENIC COMPOUND	0,02
79	57,83	AROMATIC COMPOUND	0,03
80	58,05	TERPENIC COMPOUND	0,10
81	58,45	ALIPHATIC ESTER	0,08
82	58,64	CUPARENE	1,47
83	59,07	cis-CALAMENENE	0,03
84	59,19	trans-CALAMENENE	0,03
85	59,52	AROMATIC COMPOUND	0,10
86	60,05	AROMATIC COMPOUND	0,06
87	60,23	AROMATIC COMPOUND	0,04
88	60,73	CALAMENENE ISOMER	0,02
89	61,22	alpha-DEHYDRO-ar-HIMACHALENE	0,02
90	61,68	AROMATIC COMPOUND	0,02

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GCMS ANALYSIS (cont'd,)
PRODUCT NAME: CEDARWOOD ESSENTIAL OIL (VIRGINIAN) – 11025

Peak	RT (min)	Compound	%
91	62,86	gamma-DEHYDRO-ar-HIMACHALENE	0,05
92	63,83	alpha-CALACORENE	0,12
93		COMPOUND Mw=202	
94	64,58	COMPOUND Mw=220	0,06
95	65,01	COMPOUND Mw=222	0,11
96	65,64	COMPOUND Mw=222	0,03
97	65,92	beta-CALACORENE	0,02
98	66,95	SESQUITERPENIC OXIDE	0,02
99	67,37	SESQUITERPENIC OXIDE	0,02
100	67,93	AROMATIC COMPOUND	0,03
101	68,07	SESQUITERPENIC OXIDE	0,02
102	69,05	AROMATIC COMPOUND	0,02
103	70,16	GLEENOL	0,02
104	70,42	NEROLIDOL	0,06
105	70,71	CARYOPHYLLENOL	0,04
106	70,95	WIDDROL ISOMER	0,08
107	71,37	JUNEOL	0,13
108	71,38	Epi-CUBENOL	0,09
109	71,68	CUBENOL	0,23
110	72,53	ELEMOL	0,11
111	72,70	SESQUITERPENIC COMPOUND	0,05
112	72,93	SESQUITERPENIC COMPOUND	0,02
113	73,16	CEDROL ISOMER	0,15
114	73,71	SESQUITERPENIC OXIDE	0,44
115	74,67	CEDROL	22,07
116	74,97	SESQUITERPENOL	0,05
117	75,08	SESQUITERPENOL	0,04
118	75,25	SESQUITERPENIC COMPOUND	0,15
119	75,26	SESQUITERPENOL	0,31
120	75,35	EUDESMOL ISOMER	0,19

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GCMS ANALYSIS (cont'd,)
PRODUCT NAME: CEDARWOOD ESSENTIAL OIL (VIRGINIAN) – 11025

Peak	RT (min)	Compound	%
121	75,65	SESQUITERPENOL	0,13
122	76,00	WIDDROL	2,08
123	76,13	SESQUITERPENOL	0,13
124	76,33	CEDROL ISOMER	0,39
125	76,49	SESQUITERPENOL	0,05
126	76,71	SESQUITERPENOL	0,35
127	76,82	gamma-EUDESOL	0,30
128	76,94	T-CADINOL	0,08
129	77,28	SESQUITERPENOL	0,07
130	77,51	SESQUITERPENOL	0,02
131	77,71	alpha-MUUROLOL	0,13
132	78,07	SESQUITERPENIC COMPOUND	0,09
133	78,23	delta-CADINOL	0,10
134	78,88	HIMACHALOL	0,10
135	79,13	alpha-BISABOLOL	0,21
136	79,28	SESQUITERPENIC COMPOUND	0,10
137	79,47	AROMATIC COMPOUND	0,05
138	79,78	AROMATIC COMPOUND	0,04
139	79,95	SESQUITERPENIC COMPOUND	0,09
140	80,34	AROMATIC COMPOUND	0,04
141	80,58	SESQUITERPENOL	0,03
142	80,86	EUDESMA-7(11)-EN-4-OL	0,02
143	81,29	SESQUITERPENIC COMPOUND	0,03
144	81,62	SESQUITERPENIC COMPOUND	0,02
145	82,12	COMPOUND Mw=222	0,05
146	82,37	COMPOUND Mw=220	0,12
147	83,18	COMPOUND Mw=218	0,09
148	83,49	SESQUITERPENIC COMPOUND	0,03
149	83,62	COMPOUND Mw=222	0,09
150	83,92	SESQUITERPENIC COMPOUND	0,03

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GCMS ANALYSIS (cont'd,)
PRODUCT NAME: CEDARWOOD ESSENTIAL OIL (VIRGINIAN) – 11025

Peak	RT (min)	Compound	%
151	84,06	SESQUITERPENIC COMPOUND	0,02
152	84,21	SESQUITERPENIC COMPOUND	0,02
153	84,67	AROMATIC COMPOUND	0,07
154	84,93	alpha-CEDRENOL	0,14
155	86,51	COMPOUND Mw=218	0,06
156	86,74	COMPOUND Mw=206	0,04
157	87,27	CEDRENOL ISOMER	0,08
158	87,70	SESQUITERPENIC COMPOUND	0,02
159	87,92	SESQUITERPENIC COMPOUND	0,04
160	88,23	CEDRENOL ISOMER	0,08
161	88,38	AROMATIC COMPOUND	0,03
162	88,62	SESQUITERPENIC COMPOUND	0,06
163	89,05	COMPOUND Mw=218	0,02
164	89,86	COMPOUND Mw=220	0,22
165	90,07	AROMATIC COMPOUND	0,02
166	90,64	BIFORMENE	0,04
167	92,64	AROMATIC COMPOUND	0,03
168	92,89	NOOTKATONE	0,04
169	93,20	CEDRENOL ISOMER	0,02
170	93,83	SESQUITERPENIC COMPOUND	0,03
171	95,03	AROMATIC COMPOUND	0,03
172	95,23	SESQUITERPENIC COMPOUND	0,06
173	96,18	AROMATIC COMPOUND	0,06
174	97,70	AROMATIC COMPOUND	0,02
175	101,67	COMPOUND Mw=218	0,02
		TOTAL	99,58

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