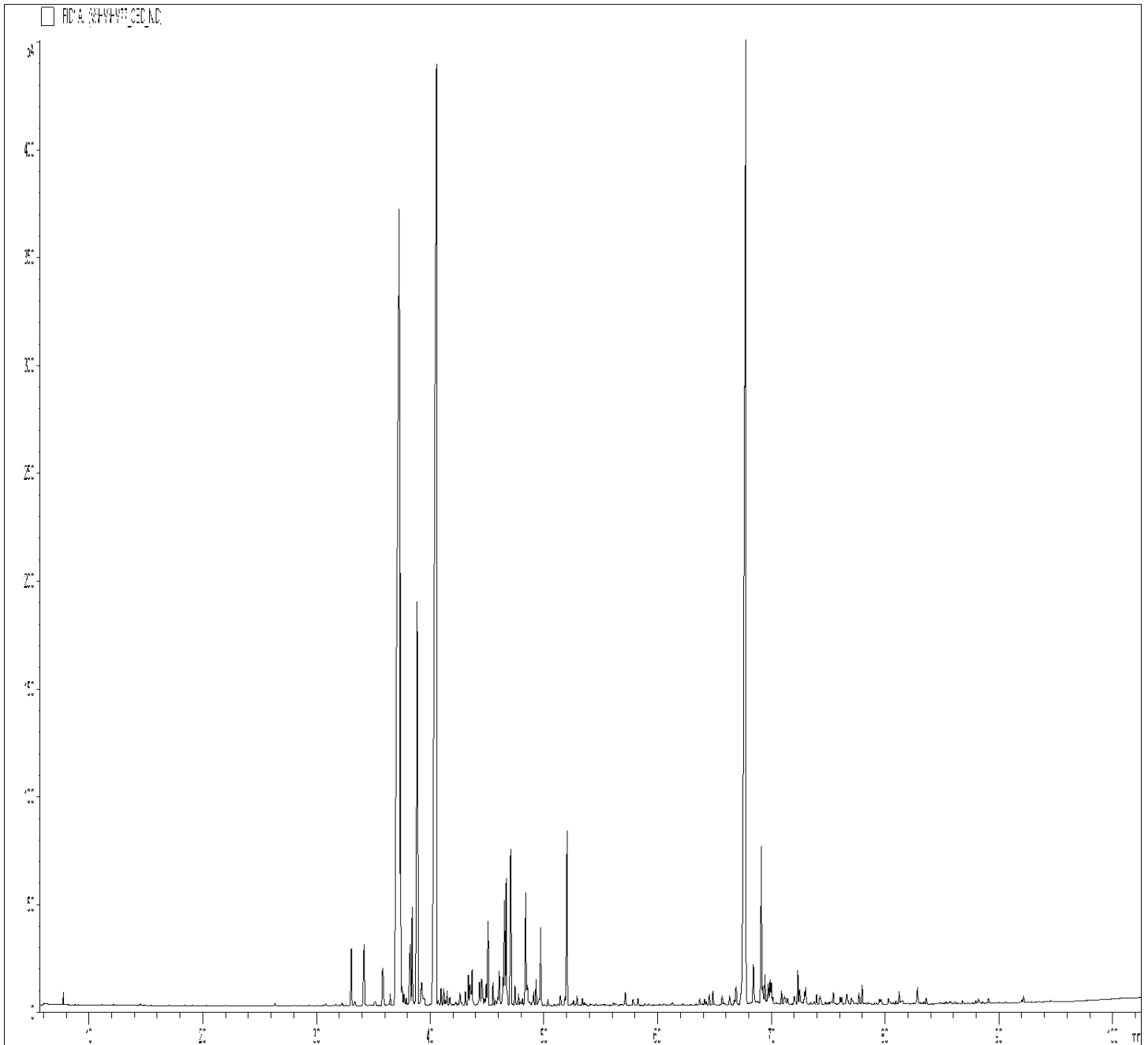


## GCMS ANALYSIS

PRODUCT NAME: CEDARWOOD ESSENTIAL OIL (Virginian) - 11025  
DATE: May 24, 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 ESSENTIAL OIL (Virginian) - 11025

Peak	RT (min)	Compound name	%
1	7,74	alpha-PINENE	0,05
2	8,77	alpha-FENCHENE	0,01
3	14,52	LIMONENE	0,01
4	26,35	SESQUITERPENE	0,02
5	30,83	SESQUITERPENE	0,02
6	31,69	YLANGENE	0,02
7	32,27	alpha-COPAENE	0,03
8	33,07	CEDRENE ISOMER	0,59
9	33,37	CEDRENE ISOMER	0,05
10	34,00	CADINADIENE ISOMER	0,16
11	34,19	CEDRENE ISOMER	0,62
12	35,17	BERGAMOTENE ISOMER	0,08
13	35,83	HIMACHALENE ISOMER	0,53
14	36,50	alpha-cis-BERGAMOTENE	0,09
15	37,28	<b>alpha-CEDRENE</b>	<b>20,74</b>
16	37,40	<b>beta-FUNEBRENE</b>	<b>3,78</b>
17	37,49	SESQUITERPENE	0,11
18	37,53	SESQUITERPENE	0,12
19	37,70	SESQUITERPENE	0,13
20	37,90	SESQUITERPENE	0,07
21	38,24	CEDRENE ISOMER	0,75
22	38,43	beta-ELEMENE	0,95
23	38,85	<b>beta-CEDRENE</b>	<b>4,23</b>
24	38,90	<b>beta-CARYOPHYLLENE</b>	<b>1,92</b>
25	39,24	SESQUITERPENE	0,42
26	39,48	HIMACHALADIENE ISOMER	0,10
27	40,56	<b>THUYOPSENE</b>	<b>22,12</b>
28	40,72	SESQUITERPENE	0,05
29	40,96	PREZIZA-7-ENE	0,14
30	41,18	SESQUITERPENE Mw=202	0,14

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CEDARWOOD ESSENTIAL OIL (Virginian) - 11025

Peak	RT (min)	Compound name	%
31	41,33	SESQUITERPENE	0,05
32	41,50	alpha-HIMACHALENE	0,14
33	41,75	SESQUITERPENE	0,09
34	42,25	SESQUITERPENE	0,05
35	42,63	HIMACHALENE ISOMER	0,13
36	42,77	ZONARENE	0,02
37	43,10	alpha-HUMULENE	0,12
38	43,36	CURCUMENE ISOMER	0,28
39	43,51	gamma-SELINENE	0,29
40	43,69	CURCUMENE ISOMER	0,33
41	44,34	gamma-MUUROLENE	0,26
42	44,53	gamma-CURCUMENE	0,41
43	44,78	TERPENYL ACETATE	0,07
44	44,93	TERPENIC COMPOUND	0,21
45	45,09	beta-CHAMIGRENE	0,78
46	45,53	beta-HIMACHALENE	0,22
47	45,74	SESQUITERPENE	0,07
48	45,95	SESQUITERPENE	0,08
49	46,08	beta-SELINENE	0,37
50	46,40	alpha-MUUROLENE	0,28
51	46,53	CHAMIGRENE ISOMER	1,08
52	46,69	TERPENIC COMPOUND	1,30
53	46,79	beta-BISABOLENE	0,10
54	47,09	HIMACHALENE ISOMER	1,72
55		alpha-CHAMIGRENE	
56	47,45	beta-CURCUMENE	0,19
57	47,77	SESQUITERPENE	0,11
58	47,94	SESQUITERPENE	0,06
59	48,13	E,E-alpha-FARNESENE	0,06
60	48,40	delta-CADINENE	1,26

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CEDARWOOD ESSENTIAL OIL (Virginian) - 11025

Peak	RT (min)	Compound name	%
61	48,55	HIMACHALADIENE ISOMER	0,21
62	48,71	gamma-CADINENE	0,02
63	48,80	SELINADIENE ISOMER	0,03
64	48,96	CURCUMENE ISOMER	0,03
65	49,11	beta-SESQUIPELLANDRENE	0,14
66	49,31	alpha-CURCUMENE	0,24
67	49,48	trans-alpha-BISABOLENE	0,02
68	49,58	CADINA-1,4-DIENE	0,06
69	49,72	HIMACHALENE ISOMER	0,73
70	50,36	alpha-AMORPHENE	0,06
71	51,46	KETONIC COMPOUND	0,10
72	51,86	KETONIC COMPOUND	0,08
73	52,04	<b>CUPARENE</b>	<b>1,68</b>
74	52,49	cis-CALAMENENE	0,03
75	52,60	trans-CALAMENENE	0,04
76	52,92	AROMATIC COMPOUND	0,09
77	53,39	AROMATIC COMPOUND	0,06
78	53,54	COMPOUND Mw=220	0,04
79	54,07	AROMATIC COMPOUND	0,02
80	56,13	SESQUITERPENIC OXIDE	0,04
81	56,36	SESQUITERPENE Mw=202	0,03
82	57,15	alpha-CALACORENE	0,15
83	57,85	AROMATIC COMPOUND Mw=222	0,07
84	58,28	SESQUITERPENIC OXIDE	0,06
85	58,87	AROMATIC COMPOUND Mw=222	0,02
86	59,20	SESQUITERPENIC OXIDE	0,02
87	61,31	SESQUITERPENOL	0,03
88	63,40	SESQUITERPENIC OXIDE	0,03
89	63,72	NEROLIDOL	0,07
90	63,84	GLEENOL	0,02

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CEDARWOOD ESSENTIAL OIL (Virginian) - 11025

Peak	RT (min)	Compound name	%
91	64,15	CARYOPHYLLENOL	0,06
92	64,29	WIDDROL ISOMER	0,04
93	64,56	JUNEOL	0,08
94	64,60	Epi-CUBENOL	0,04
95	64,88	CUBENOL	0,08
96	64,90	SESQUITERPENOL	0,08
97	65,67	ELEMOL	0,10
98	65,83	SESQUITERPENONE	0,03
99	66,32	CEDROL ISOMER	0,13
100	66,73	SESQUITERPENIC OXIDE	0,05
101	66,89	SESQUITERPENOL Mw=222	0,23
102	67,00	SESQUITERPENIC OXIDE	0,02
103	67,34	SESQUITERPENOL Mw=222	0,12
104	67,74	<b>CEDROL</b>	<b>18,69</b>
105	67,84	SESQUITERPENOL	0,04
106	67,97	SESQUITERPENOL	0,02
107	68,14	AROMATIC COMPOUND	0,03
108	68,22	SESQUITERPENOL	0,02
109	68,41	HIMACHALOL ISOMER	0,48
110	68,49	EUDESMOL ISOMER	0,08
111	68,71	SESQUITERPENONE	0,07
112	68,86	SESQUITERPENIC OXIDE	0,04
113	69,10	<b>WIDDROL</b>	<b>1,57</b>
114	69,22	SESQUITERPENIC OXIDE	0,23
115	69,43	CEDROL ISOMER	0,30
116	69,57	SESQUITERPENOL	0,05
117	69,70	CEDRYL ACETATE	0,22
118	69,87	gamma-EUDESMOL	0,31
119	69,99	T-CADINOL	0,20
120	70,11	SESQUITERPENOL	0,09

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CEDARWOOD ESSENTIAL OIL (Virginian) - 11025

Peak	RT (min)	Compound name	%
121	70,40	SESQUITERPENONE	0,04
122	70,87	alpha-MUUROLOL	0,15
123	71,12	delta-CADINOL	0,10
124	71,22	SESQUITERPENONE	0,08
125	71,43	CARVACROL	0,09
126	72,00	HIMACHALOL	0,09
127	72,05	Epi-alpha-BISABOLOL	0,04
128	72,31	alpha-BISABOLOL	0,31
129	72,48	alpha-EUDESOL	0,18
130	72,64	AROMATIC COMPOUND	0,03
131	72,90	beta-EUDESOL	0,11
132	72,99	alpha-CADINOL	0,20
133	73,45	AROMATIC COMPOUND	0,04
134	73,78	SESQUITERPENOL	0,05
135	73,96	EUDESMA-7(11)-EN-4-OL	0,10
136	74,25	SESQUITERPENIC OXIDE	0,10
137	74,31	AROMATIC COMPOUND	0,06
138	74,74	SESQUITERPENIC OXIDE	0,03
139	75,22	SESQUITERPENIC OXIDE	0,05
140	75,44	CURCUMENOL ISOMER	0,12
141	76,04	DITERPENE	0,08
142	76,18	SESQUITERPENOL	0,07
143	76,63	BICYCLOVETIVENOL	0,15
144	76,75	SESQUITERPENOL	0,04
145	77,03	DITERPENE	0,12
146	77,69	SESQUITERPENIC OXIDE	0,13
147	77,97	alpha-CEDRENOL	0,20
148	79,50	BERGAMOTOL ISOMER	0,06
149	79,63	SESQUITERPENIC OXIDE	0,06
150	80,29	SESQUITERPENOL	0,06

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CEDARWOOD ESSENTIAL OIL (Virginian) - 11025

Peak	RT (min)	Compound name	%
151	80,42	SESQUITERPENIC OXIDE	0,04
152	80,92	SESQUITERPENIC OXIDE	0,04
153	81,23	CEDRENOL ISOMER	0,12
154	81,39	SESQUITERPENIC OXIDE	0,04
155	81,52	SESQUITERPENIC OXIDE	0,05
156	82,76	SESQUITERPENONE	0,03
157	82,84	SESQUITERPENIC OXIDE	0,18
158	83,62	BIFORMENE	0,07
159	85,38	AROMATIC COMPOUND	0,04
160	85,63	SESQUITERPENIC OXIDE	0,03
161	85,77	AROMATIC COMPOUND	0,02
162	86,17	NOOTKATONE	0,02
163	86,81	SESQUITERPENIC OXIDE	0,04
164	87,95	SESQUITERPENONE	0,03
165	88,20	SESQUITERPENIC OXIDE	0,07
166	89,09	AROMATIC COMPOUND	0,05
167	91,99	cis-ABIENOL	0,03
168	92,16	Epi-MANOOL	0,07
		<b>TOTAL</b>	<b>99,81</b>

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