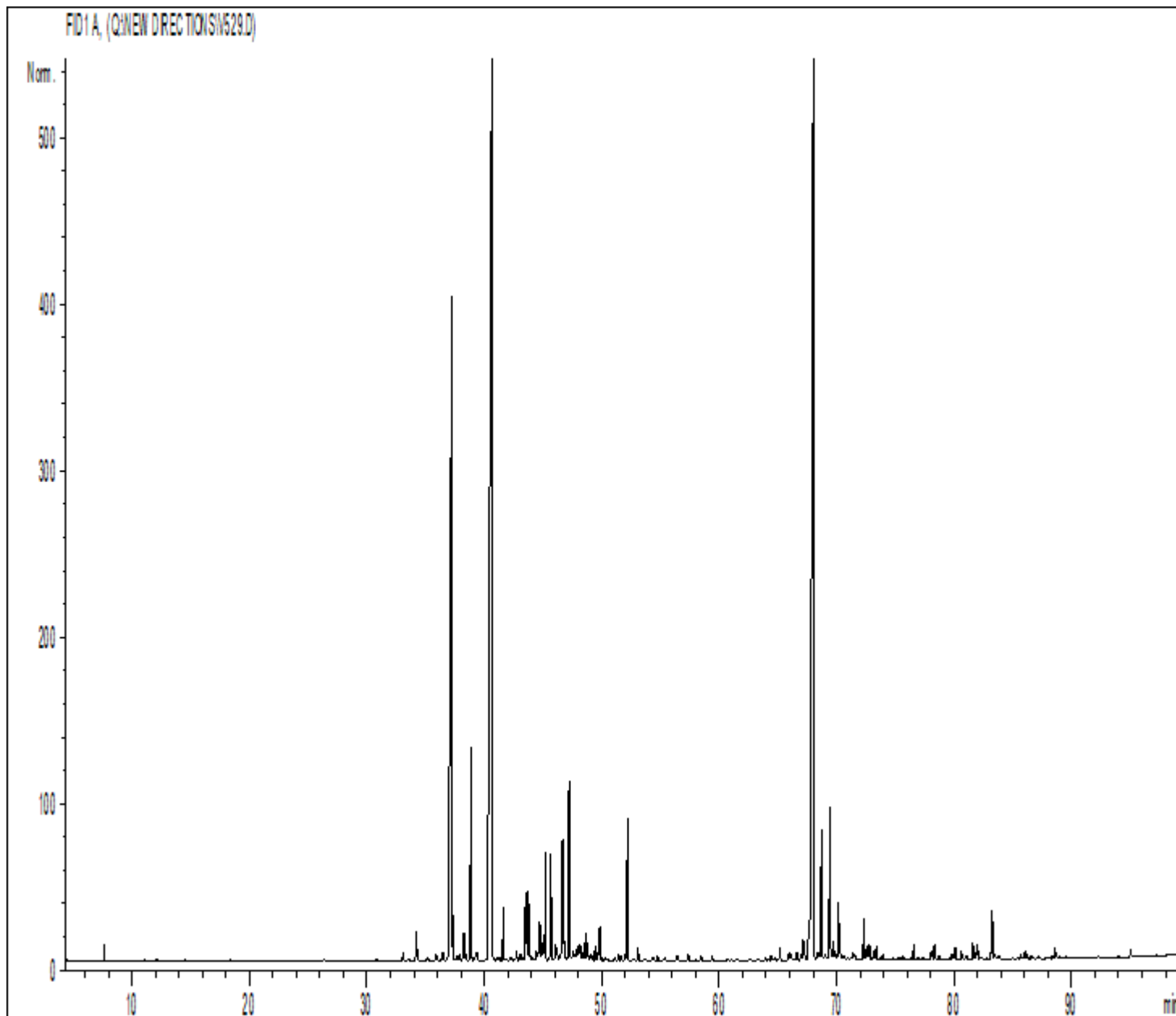


GCMS ANALYSIS

PRODUCT NAME: CEDARWOOD VIRGINIAN ESSENTIAL OIL – 11025

DATE: October 07,2020



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 VIRGINIAN ESSENTIAL OIL – 11025

Peak	RT (min)	Compound name	%
1	4,38	ACETONE	0,07
2	7,45	alpha-PINENE	0,08
3	26,07	SESQUITERPENE	0,05
4	30,55	SESQUITERPENE	0,04
5	32,77	CEDRENE ISOMER	0,59
6	33,80	CADINADIENE ISOMER	0,16
7	33,90	CEDRENE ISOMER	0,62
8	34,88	BERGAMOTENE ISOMER	0,14
9	35,54	CEDRENE ISOMER	0,29
10	36,02	SESQUITERPENE	0,03
11	36,18	SESQUITERPENE	0,08
12	36,92	alpha-CEDRENE	22,90
13	37,04	beta-FUNEBRENE	2,88
14	37,14	SESQUITERPENE	0,06
15	37,22	SESQUITERPENE	0,10
16	37,41	SESQUITERPENE	0,14
17	37,59	SESQUITERPENE	0,06
18	37,93	CEDRENE ISOMER	0,73
19	38,14	beta-CARYOPHYLLENE	0,39
20	38,55	beta-CEDRENE	5,74
21	38,83	METHYL CARVACROL ETHER	0,06
22	38,96	TERPENIC ACETATE	0,25
23	39,14	SESQUITERPENE	0,08
24	39,75	HIMACHALADIENE ISOMER	0,03
25	40,25	THUYOPSENE	22,46
26	40,43	CURCUMENE ISOMER	0,05
27	40,67	PREZIZA-7-ENE	0,14
28	40,91	SESQUITERPENE Mw=202	0,20
29	41,03	SESQUITERPENE	0,04
30	41,25	alpha-HIMACHALENE	0,16

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CEDARWOOD VIRGINIAN ESSENTIAL OIL – 11025

Peak	RT (min)	Compound name	%
31	41,48	SANTALENE ISOMER	0,07
32	41,99	HIMACHALENE ISOMER	0,07
33	42,37	HIMACHALENE ISOMER	0,14
34	42,87	SESQUITERPENE	0,12
35	43,13	CURCUMENE ISOMER	0,25
36	43,26	SESQUITERPENE	0,33
37	43,45	CURCUMENE ISOMER	0,40
38	43,59	CEDRENE ISOMER	0,03
39	43,81	SESQUITERPENE	0,02
40	44,01	SESQUITERPENE	0,03
41	44,13	gamma-MUUROLENE	0,15
42	44,29	gamma-HIMACHALENE	0,17
43	44,36	CALARENE	0,17
44	44,55	SESQUITERPENE	0,11
45	44,71	gamma-CURCUMENE	0,16
46	44,85	beta-CHAMIGRENE	1,11
47	45,31	beta-HIMACHALENE	0,26
48	45,52	SESQUITERPENE	0,06
49	45,78	SESQUITERPENE	0,07
50	45,85	beta-SELINENE	0,23
51	46,16	SESQUITERPENE	0,16
52	46,31	CHAMIGRENE ISOMER	1,59
53	46,44	SESQUITERPENE	0,61
54	46,53	alpha-SELINENE	0,06
55	46,86	CURCUMENE ISOMER	2,12
56	47,24	SESQUITERPENE Mw=202	0,20
57	47,60	beta-CURCUMENE	0,09
58	47,75	HIMACHALENE ISOMER	0,09
59	47,91	gamma-CADINENE	0,10
60	48,19	delta-CADINENE	0,62

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CEDARWOOD VIRGINIAN ESSENTIAL OIL – 11025

Peak	RT (min)	Compound name	%
61	48,33	E,E-alpha-FARNESENE	0,29
62	48,40	SESQUITERPENE	0,06
63	48,61	HIMACHALENE ISOMER	0,02
64	48,90	beta-SESQUIPHELLANDRENE	0,07
65	49,14	alpha-CURCUMENE	0,16
66	49,37	CADINA-1,4-DIENE	0,12
67	49,52	HIMACHALENE ISOMER	1,04
68	50,15	alpha-AMORPHENE	0,05
69	51,26	AROMATIC COMPOUND	0,12
70	51,64	SESQUITERPENE Mw=202	0,09
71	51,87	CUPARENE	1,33
72	52,35	cis-CALAMENENE	0,02
73	52,45	trans-CALAMENENE	0,02
74	52,77	AROMATIC COMPOUND	0,09
75	53,23	AROMATIC COMPOUND	0,07
76	53,37	8,14-CEDRANOXIDE Mw=220	0,03
77	54,95	SESQUITERPENIC EPOXIDE	0,02
78	56,00	OCTAHYDRO METHYLPHENANTHRENE ISOMER Mw=200	0,03
79	57,04	alpha-CALACORENE	0,09
80	57,70	COMPOUND Mw=220	0,03
81	58,09	AROMATIC COMPOUND Mw=222	0,03
82	60,49	SESQUITERPENIC EPOXIDE	0,02
83	61,16	SESQUITERPENOL	0,03
84	63,61	WIDDROL ISOMER	0,05
85	64,09	Epi-CUBENOL	0,04
86	64,23	JUNEOL	0,05
87	64,47	CUBENOL	0,07
88	64,85	SESQUITERPENOL	0,16
89	65,61	SESQUITERPENONE	0,06
90	65,75	ELEMOL	0,04

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CEDARWOOD VIRGINIAN ESSENTIAL OIL – 11025

Peak	RT (min)	Compound name	%
91	66,27	CEDROL ISOMER	0,11
92	66,66	COMPOUND Mw=192	0,07
93	66,83	AROMATIC COMPOUND	0,22
94	67,34	SESQUITERPENOL	0,43
95	67,62	CEDROL	19,61
96	68,36	HIMACHALOL ISOMER	0,43
97	68,44	COMPOUND Mw=218	0,04
98	68,63	SESQUITERPENONE	0,06
99	68,84	SESQUITERPENIC EPOXIDE	0,02
100	69,08	WIDDROL	2,15
101	69,26	SESQUITERPENOL	0,04
102	69,38	CEDROL ISOMER	0,27
103	69,52	SESQUITERPENIC EPOXIDE	0,12
104	69,83	HIMACHALOL ISOMER	0,27
105	69,97	gamma-EUDESOL	0,12
106	70,10	T-CADINOL	0,05
107	70,86	SESQUITERPENIC EPOXIDE	0,08
108	71,04	SESQUITERPENONE	0,08
109	71,15	alpha-MUUROLOL	0,07
110	71,45	delta-CADINOL	0,05
111	71,98	HIMACHALOL	0,08
112	72,29	Epi-alpha-BISABOLOL	0,30
113	72,47	beta-EUDESOL	0,17
114	72,67	alpha-BISABOLOL	0,03
115	72,91	SESQUITERPENIC EPOXIDE	0,08
116	73,02	alpha-CADINOL	0,18
117	73,50	AROMATIC COMPOUND	0,03
118	73,71	SESQUITERPENIC EPOXIDE	0,04
119	73,99	EUDESMA-7(11)-EN-4-OL	0,10
120	74,05	AROMATIC COMPOUND	0,02

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CEDARWOOD VIRGINIAN ESSENTIAL OIL – 11025

Peak	RT (min)	Compound name	%
121	74,39	AROMATIC COMPOUND	0,04
122	74,77	AROMATIC COMPOUND	0,03
123	75,15	SESQUITERPENIC EPOXIDE	0,06
124	75,27	AROMATIC COMPOUND	0,05
125	75,48	BERGAMOTOL ISOMER	0,16
126	75,84	SESQUITERPENOL	0,03
127	76,20	SESQUITERPENONE	0,12
128	76,65	BICYCLOVETIVENOL	0,13
129	76,80	SESQUITERPENIC EPOXIDE	0,08
130	77,06	SESQUITERPENOL	0,08
131	77,77	SESQUITERPENIC EPOXIDE	0,09
132	78,05	alpha-CEDRENOL	0,18
133	79,55	SESQUITERPENIC EPOXIDE	0,05
134	79,76	ALIPHATIC ALCOHOL	0,05
135	80,35	CURCUMENOL ISOMER	0,04
136	80,46	AROMATIC COMPOUND	0,02
137	81,03	SESQUITERPENIC EPOXIDE	0,04
138	81,32	CEDRENOL ISOMER	0,09
139	81,39	SESQUITERPENIC EPOXIDE	0,03
140	81,65	SESQUITERPENOL	0,07
141	82,02	SESQUITERPENONE	0,04
142	82,84	SESQUITERPENONE	0,05
143	82,98	SESQUITERPENIC EPOXIDE	0,20
144	83,09	COMPOUND Mw=218	0,03
145	83,34	AROMATIC COMPOUND	0,03
146	83,42	DITERPENE Mw=272	0,02
147	85,88	SESQUITERPENONE	0,06
148	86,32	CEDRENOL ISOMER	0,02
149	86,95	SESQUITERPENIC EPOXIDE	0,03
150	88,10	SESQUITERPENOL	0,03

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NEW DIRECTIONS

A R O M A T I C S

151	88,36	AROMATIC COMPOUND	0,05
152	89,26	OXYGENED COMPOUND Mw=220	0,08
153	92,12	Epi-MANOOL	0,03
		TOTAL	99.95

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