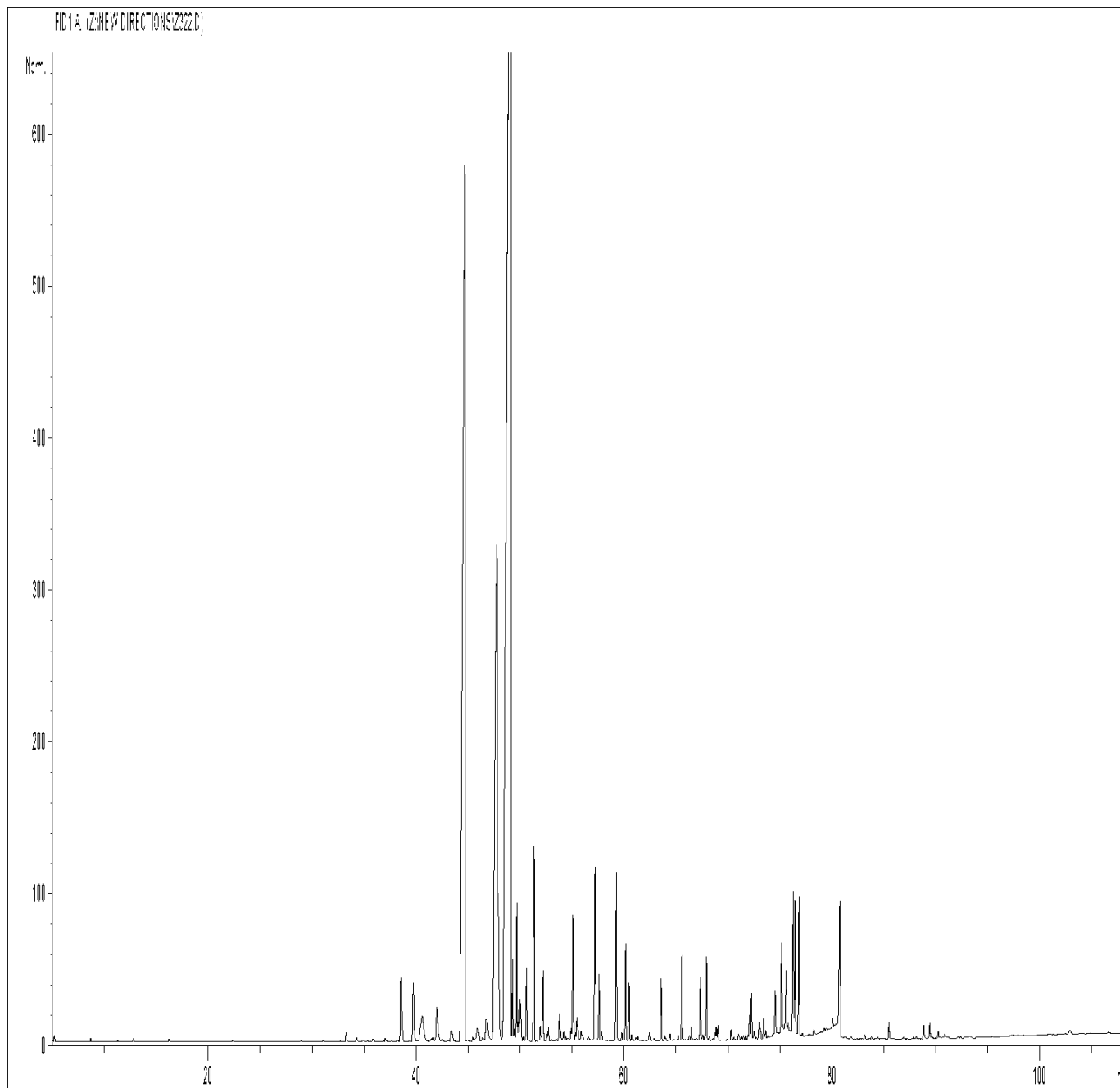


GCMS ANALYSIS

PRODUCT NAME: CEDARWOOD ATLAS ORGANIC ESSENTIAL OIL - 50045

DATE: September 13, 2019



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 ATLAS ORGANIC ESSENTIAL OIL - 50045

Peak	RT (min)	Compound	%
1	5,19	ACETONE	0,03
2	8,71	alpha-PINENE	0,01
3	12,78	3-PENTEN-2-ONE, 4-METHYL-	0,02
4	16,23	DODECANE	0,01
5	22,30	TRIDECANE	0,01
6	28,89	TETRADECANE	0,01
7	31,08	alpha,p-DIMETHYLSTYRENE	0,01
8	33,25	alpha-LONGIPINENE	0,07
9	34,27	YLANGENE	0,03
10	34,87	alpha-COPAENE	0,02
11	35,27	SESQUITERPENE	0,01
12	35,87	SESQUITERPENE	0,04
13	37,06	SESQUITERPENE	0,03
14	37,66	COMPOUND Mw=160	0,01
15	38,20	SESQUITERPENE	0,01
16	38,54	1-METHYL-4-ACETYLCYCLOHEX-1-ENE	0,82
17	39,38	SESQUITERPENE	0,02
18	39,76	LONGIFOLENE	0,59
19	40,61	EUDESMATRIENE ISOMER Mw=202	0,67
20	41,50	CADINA-3,5-DIENE	0,04
21	41,65	SESQUITERPENE	0,06
22	42,02	alpha-CEDRENE	0,43
23	42,21	SESQUITERPENE	0,03
24	42,53	SESQUITERPENE	0,03
25	43,03	HEXACOSANE	0,02
26	43,40	CEDRENE ISOMER	0,18
27	44,71	alpha-HIMACHALENE	15,85
28	44,93	SESQUITERPENE Mw=202	0,02
29	45,45	HIMACHALENE ISOMER	0,03
30	45,90	E-beta-FARNESENE	0,26

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CEDARWOOD ATLAS ORGANIC ESSENTIAL OIL - 50045

Peak	RT (min)	Compound	%
31	46,41	gamma-MUUROLENE	0,06
32	46,77	HIMACHALENE ISOMER	0,46
33	47,77	gamma-HIMACHALENE	10,12
34	47,91	11-alpha-HIMACHALA-1,4-DIENE	1,10
35	49,16	beta-HIMACHALENE	45,14
36	49,31	EUDESMA-3,5,11-TRIENE	0,44
37	49,50	CURCUMENE ISOMER	0,12
38	49,72	THUYOPSENE ISOMER	0,86
39	49,85	SESQUITERPENE	0,18
40	50,02	COMPOSÉ AROMATIQUE	0,26
41	50,07	EUDESMATRIENE ISOMER Mw=202	0,18
42	50,34	CURCUMENE ISOMER	0,04
43	50,64	SESQUITERPENE Mw=202	0,49
44	51,36	delta-CADINENE	1,38
45	51,96	p-METHYLACETOPHENONE	0,11
46	52,00	EUDESMATRIENE ISOMER Mw=202	0,07
47	52,21	alpha-CURCUMENE	0,08
48	52,25	alpha-BISABOLENE	0,35
49	52,62	COMPOSÉ AROMATIQUE Mw=190	0,04
50	52,75	CADINA-1,4-DIENE	0,08
51	53,79	SESQUITERPENE Mw=202	0,17
52	53,93	SESQUITERPENE	0,05
53	54,20	SESQUITERPENE Mw=202	0,06
54	54,91	SESQUITERPENE Mw=202	0,08
55	55,10	EUDESMA-2,4,11-TRIENE	0,92
56	55,34	CUPARENE	0,05
57	55,48	Cis-CALAMENENE	0,14
58	55,57	Trans-CALAMENENE	0,09
59	55,89	AROMATIC COMPOUND	0,07
60	57,23	OCTAHYDRO METHYLPHENANTHRENE Mw=200	1,14

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GCMS ANALYSIS (cont'd.)
PRODUCT NAME: CEDARWOOD ATLAS ORGANIC ESSENTIAL OIL - 50045

Peak	RT (min)	Compound	%
61	57,61	EUDESMATRIENE ISOMER	0,39
62	57,88	SESQUITERPENE	0,06
63	59,29	OCTAHYDRO METHYLPHENANTHRENE Mw=200 ISO	1,12
64	59,79	COMPOUND Mw=218	0,06
65	60,18	alpha-CALACORENE	0,62
66	60,52	VESTITENONE	0,37
67	60,73	COMPOUND Mw=218	0,04
68	62,44	beta-CALACORENE	0,05
69	63,58	COMPOUND Mw=218	0,39
70	63,95	SESQUITERPENIC EPOXIDE	0,04
71	64,45	AROMATIC COMPOUND	0,05
72	65,22	AROMATIC COMPOUND	0,03
73	65,59	SESQUITERPENIC EPOXIDE	0,56
74	66,31	SESQUITERPENIC EPOXIDE	0,04
75	66,51	SESQUITERPENIC EPOXIDE	0,08
76	67,35	SESQUITERPENIC EPOXIDE	0,42
77	67,61	NEROLIDOL	0,06
78	67,96	CUBENOL	0,55
79	68,22	SESQUITERPENIC EPOXIDE	0,04
80	68,90	SESQUITERPENIC EPOXIDE	0,09
81	69,05	SESQUITERPENIC EPOXIDE	0,10
82	70,31	beta-VETIVENE	0,07
83	71,02	AROMATIC COMPOUND	0,07
84	71,36	AROMATIC COMPOUND	0,04
85	71,53	SESQUITERPENIC EPOXIDE	0,03
86	71,73	SESQUITERPENOL	0,03
87	71,94	EUDESMOL ISOMER	0,03
88	72,09	SESQUITERPENOL	0,17
89	72,27	LONGIBORNEOL	0,34
90	72,51	SESQUITERPENIC EPOXIDE	0,06

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CEDARWOOD ATLAS ORGANIC ESSENTIAL OIL - 50045

Peak	RT (min)	Compound	%
91	73,01	SESQUITERPENIC EPOXIDE	0,10
92	73,15	SESQUITERPENOL	0,08
93	73,44	SESQUITERPENOL	0,14
94	73,63	SESQUITERPENOL Mw=220	0,06
95	74,57	ATLANTONE ISOMER Mw=218	0,29
96	75,17	HIMACHALOL	0,58
97	75,25	SESQUITERPENOL	0,07
98	75,62	ATLANTONE ISOMER	0,48
99	75,82	CADALENE	0,06
100	76,29	alpha-ATLANTONE	0,98
101	76,48	beta-ATLANTONE	0,90
102	76,86	ALLO-HIMACHALOL	2,31
103	76,87	ATLANTONE ISOMERE Mw=218	0,27
104	77,20	AROMATIC COMPOUND	0,02
105	78,29	SESQUITERPENIC EPOXIDE	0,04
106	79,31	AROMATIC COMPOUND	0,02
107	80,08	SESQUITERPENOL Mw=220	0,07
108	80,79	E-alpha-ATLANTONE	3,22
109	83,21	SESQUITERPENOL	0,03
110	85,48	SESQUITERPENONE Mw=218	0,11
111	86,90	DITERPENE Mw=272	0,02
112	88,11	OXYGENED COMPOUND Mw=220	0,02
113	88,83	OXYGENED COMPOUND Mw=220	0,11
114	89,42	OXYGENED COMPOUND Mw=220	0,11
115	90,22	OXYGENED COMPOUND Mw=220	0,05
116	90,85	OXYGENED COMPOUND Mw=220	0,06
		TOTAL	99,90

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