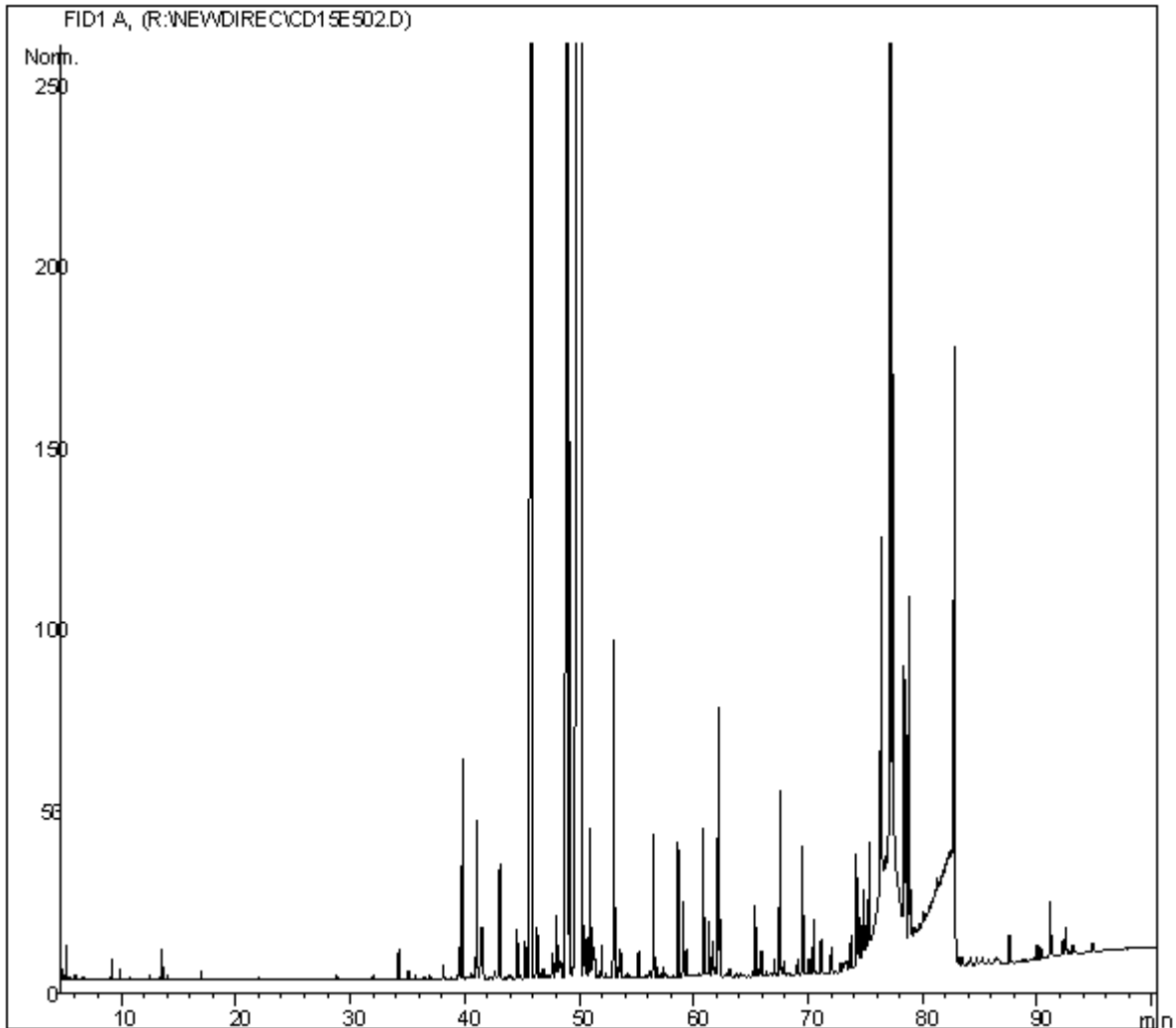


GCMS ANALYSIS

PRODUCT NAME: CEDARWOOD OIL (HIMALAYAN)  
DATE: October 19, 2015



*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.*

## PRODUCT NAME: CEDARWOOD OIL (HIMALAYAN)

Peak	RT (min)	Compound name	%	Norm (%)	Allergens (%)
1	5,1	ACETONE	0,04		
2	9,2	$\alpha$ -PINENE	0,03		
3	9,8	TOLUENE	0,01		
4	12,5	$\beta$ -PINENE	0,01		
5	13,5	4-METHYL-3-PENTEN-2-ONE	0,06		
6	17,0	LIMONENE	0,02		0,02
7	22,0	TERPINOLENE	0,01		
8	28,8	AROMATIC COMPONENT Mw=150	0,01		
9	32,0	$\alpha$ ,p-DIMETHYLSTYRENE	0,01		
10	34,2	LONGIPINENE	0,09		
11	35,1	YLANGENE	0,03		
12	35,7	$\alpha$ -COPAENE	0,01		
13	36,9	SESQUITERPENE	0,01		
14	38,1	CEDRENE ISOMER	0,04		
15	36,5	MAALIENE ISOMER	0,12		
16	39,8	1-METHYL-4-ACETYLCYCLOHEX-1-ENE	0,59		
17	40,6	AROMATIC SESQUITERPENE Mw=202	0,04		
18	41,1	LONGIFOLENE	0,51		
19	41,5	EUDESMATRIENE ISOMER Mw=202	0,33		
20	42,3	SESQUITERPENE	0,02		
21	42,6	SESQUITERPENE Mw=202	0,04		
22	43,0	HIMACHALENE ISOMER	0,42		
23	44,5	HIMACHALENE ISOMER	0,19		
24	45,2	SESQUITERPENE Mw=202	0,11		
25	45,9	<b><math>\alpha</math>-HIMACHALENE</b>	<b>13,35</b>		
26	46,3	E- $\beta$ -FARNESENE + SESQUITERPENE	0,23		
27	46,5	SESQUITERPENE	0,03		
28	46,7	$\alpha$ -HUMULENE	0,04		
29	47,7	SESQUITERPENE	0,12		
30	48,0	HIMACHALENE ISOMER	0,27		
31	48,2	HIMACHALENE ISOMER	0,07		
32	48,4	$\alpha$ -TERPINEOL	0,06		
33	48,9	<b><math>\gamma</math>-HIMACHALENE</b>	<b>8,28</b>		
34	49,2	HIMACHALENE ISOMER	1,52		
35	49,3	SESQUITERPENE	0,03		
36	50,1	<b><math>\beta</math>-HIMACHALENE</b>	<b>34,62</b>		
37	50,4	CHAMIGRENE ISOMER	0,16		
38	50,5	EUDESMA-3,5,11-TRIENE	0,12		
39	50,9	HIMACHALENE ISOMER	0,40		
40	51,1	$\beta$ -CURCUMENE	0,14		
41	51,2	BICYCLOGERMACRENE	0,09		
42	51,3	SESQUITERPENIC EPOXIDE Mw=222	0,08		
43	51,8	AROMATIC COMPONENT Mw=190	0,02		
44	52,0	SESQUITERPENE Mw=202	0,10		
45	53,0	$\alpha$ -BISABOLENE	0,99		
46	53,6	$\beta$ -SESQUIPELLANDRENE	0,12		
47	54,2	$\alpha$ -AMORPHENE	0,02		

### Disclaimer & Caution

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**PRODUCT NAME: CEDARWOOD OIL (HIMALAYAN)**

Peak	RT (min)	Compound name	%	Norm (%)	Allergens (%)
48	55,2	SESQUITERPENE Mw=202	0,09		
49	56,1	COMPONENT Mw=202	0,03		
50	56,5	EUDESMA-2,4,11-TRIENE	0,44		
51	56,8	CALAMENENE	0,04		
52	57,4	SESQUITERPENE Mw=202	0,03		
53	58,6	OCTAHYDRO METHYLPHENANTHRENE ISOMER	0,38		
54	59,0	AROMATIC COMPONENT Mw=202	0,22		
55	59,3	CYCLOTERPENIC COMPONENT Mw=178	0,07		
56	60,8	OCTAHYDRO METHYLPHENANTHRENE Mw=200	0,42		
57	61,3	CYCLOTERPENIC COMPONENT Mw=178 ISOMER	0,15		
58	61,7	$\alpha$ -CALACORENE	0,10		
59	62,1	BENZOCYCLOHEPTENONE ISOMER Mw=178	0,76		
60	62,3	AROMATIC COMPONENT	0,17		
61	63,1	AROMATIC COMPONENT	0,04		
62	65,3	DIHYDROTURMERONE Mw=218	0,21		
63	65,7	SESQUITERPENOL	0,03		
64	65,9	SESQUITERPENE EPOXIDE	0,10		
65	67,1	AROMATIC COMPONENT	0,05		
66	67,4	SESQUITERPENE EPOXIDE Mw=220	0,61		
67	67,5	NEROLIDOL	0,08		
68	67,8	COMPONENT Mw=220	0,05		
69	69,1	AROMATIC COMPONENT	0,07		
70	69,5	SESQUITERPENIC EPOXIDE	0,39		
71	70,0	SESQUITERPENONE Mw=218	0,04		
72	70,5	OXYGENED COMPONENT Mw=220	0,15		
73	71,1	SESQUITERPENE EPOXIDE	0,10		
74	72,0	SESQUITERPENOL	0,08		
75	73,6	SESQUITERPENOL	0,06		
76	73,7	SESQUITERPENOL	0,11		
77	74,2	SESQUITERPENONE Mw=218	0,16		
78	74,4	SESQUITERPENOL Mw=222	0,32		
79	74,8	SESQUITERPENIC EPOXIDE	0,19		
80	75,0	ATLANTONE ISOMER	0,07		
81	75,3	ATLANTONE ISOMER	0,15		
82	75,4	EPOXY SESQUITERPENE COMPONENT	0,16		
83	76,4	$\alpha$ ,cis-ATLANTONE Mw=218	5,44		
84	77,2	HIMACHALOL	4,56		
85	77,4	$\alpha$ ,trans-ATLANTONE Mw=218	4,93		
86	78,3	$\alpha$ -ATLANTONE ISOMER	1,15		
87	78,5	$\beta$ -ATLANTONE	0,98		
88	78,8	ALLO-HIMACHALOL	1,29		
89	79,0	TURMERONE ISOMER	0,04		
90	80,0	SESQUITERPENIC COMPONENT	0,04		
91	81,2	COMPONENT Mw=216	0,03		
92	82,7	SESQUITERPENIC COMPONENT	0,10		
93	82,8	$\gamma$ -ATLANTONE	10,86		
94	83,3	SESQUITERPENONE Mw=218	0,06		

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**PRODUCT NAME: CEDARWOOD OIL (HIMALAYAN)**

Peak	RT (min)	Compound name	%	Norm (%)	Allergens (%)
95	84,2	CYPERONE ISOMER Mw=218	0,06		
96	87,5	SESQUITERPENIC COMPONENT	0,08		
97	90,0	AROMATIC COMPONENT	0,04		
98	91,1	OXYGENED COMPONENT Mw=220	0,19		
99	92,2	AROMATIC COMPONENT	0,06		
100	92,5	OXYGENED COMPONENT Mw=220	0,09		
		<b>TOTAL</b>	<b>99,73</b>		<b>0,02</b>

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