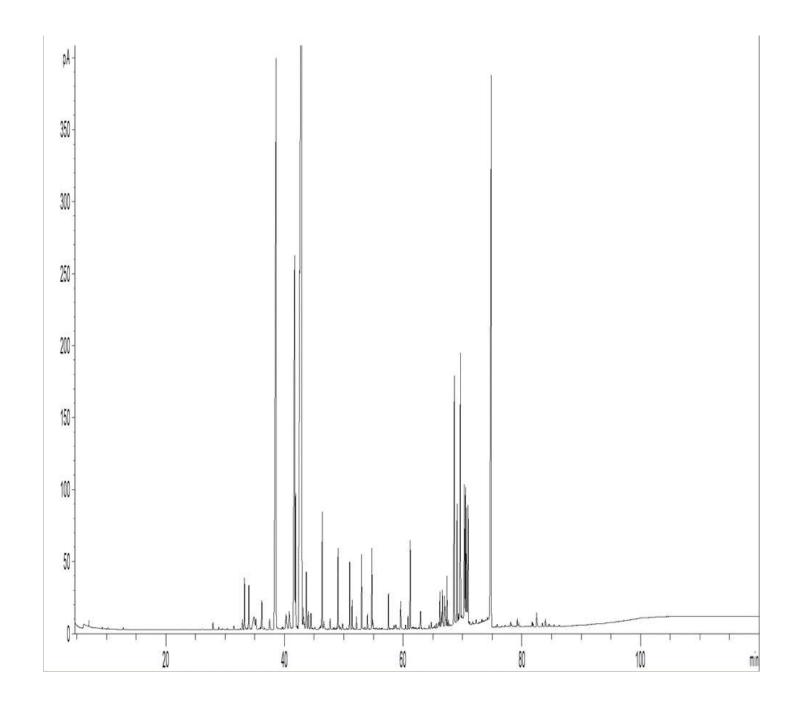


# **GCMS ANALYSIS**

PRODUCT NAME: CEDARWOOD ESSENTIAL OIL (HIMALAYAN) - 11024

DATE: May 11, 2021



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 ESSENTIAL OIL (HIMALAYAN) - 11024

Peak	RT (min)	Compound name	%
1	7,05	alpha-PINENE	0,03
2	27,96	alpha-LONGIPINENE	0,08
3	28,93	YLANGENE	0,03
4	31,48	SATIVENE	0,04
5	32,93	CADINADIENE ISOMER	0,11
6	33,27	4-ACETYL-1-METHYLCYCLOHEXENE	0,52
7	33,70	SESQUITERPENE	0,03
8	33,98	LONGIFOLENE	0,49
9	34,82	EUDESMATRIENE ISOMER	0,53
10	35,17	alpha-trans-BERGAMOTENE	0,16
11	35,95	SESQUITERPENE Mw=202	0,03
12	36,17	HIMACHALENE ISOMER	0,37
13	36,59	CEDRENE ISOMER	0,03
14	37,48	HIMACHALENE ISOMER	0,17
15	38,59	alpha-HIMACHALENE	12,72
16	39,58	SESQUITERPENE Mw=202	0,03
17	39,72	HIMACHALENE ISOMER	0,04
18	40,11	SESQUITERPENE	0,02
19	40,25	E-beta-FARNESENE	0,26
20	40,36	HIMACHALENE ISOMER	0,09
21	40,68	SESQUITERPENE	0,03
22	40,80	HIMACHALENE ISOMER	0,37
23	41,71	gamma-HIMACHALENE	7,73
24	41,86	11-alpha-HIMACHALA-1,4-DIENE	1,51
25	42,15	alpha-TERPINEOL	0,05
26	42,92	beta-HIMACHALENE	33,34
27	42,96	SESQUITERPENE	0,10
28	43,10	SESQUITERPENE	0,05
29	43,15	SESQUITERPENE Mw=202	0,19
30	43,26	SESQUITERPENE	0,08

### Disclaimer & Caution



PRODUCT NAME: CEDARWOOD ESSENTIAL OIL (HIMALAYAN) - 11024

Peak	RT (min)	Compound name	%
31	43,34	SESQUITERPENE	0,05
32	43,65	ISOTHUYOPSENE	0,57
33	43,71	CURCUMENE ISOMER	0,14
34	44,01	COMPOUND Mw=222	0,15
35	44,03	SESQUITERPENE Mw=202	0,13
36	44,45	SESQUITERPENE Mw=202	0,18
37	44,70	beta-CURCUMENE	0,02
38	45,12	delta-CADINENE	0,03
39	46,08	beta-SESQUIPHELLANDRENE	0,03
40	46,20	SESQUITERPENE Mw=202	0,03
41	46,36	trans-alpha-BISABOLENE	1,14
42	46,60	SESQUITERPENE	0,09
43	46,67	AROMATIC COMPOUND Mw=190	0,04
44	47,70	CYPERADIENE ISOMER	0,11
45	48,80	TETRAMETHYL DIHYDRO NAPHTALENE Mw=186	0,02
46	49,02	EUDESMA-2,4-11-TRIENE ISOMER	0,78
47	49,17	CUPARENE	0,04
48	49,39	CALAMENENE	0,03
49	49,78	AROMATIC COMPOUND	0,08
50	50,98	OCTAHYDRO METHYLPHENANTHRENE ISOMER Mw=200	0,65
51	51,39	CADINA-1,6,8-TRIENE	0,28
52	52,11	CYCLOTERPENIC COMPOUND Mw=178	0,13
53	52,99	OCTAHYDRO METHYLPHENANTHRENE ISOMER Mw=200	0,72
54	53,53	AROMATIC COMPOUND	0,03
55	53,98	alpha-CALACORENE	0,17
56	54,72	VESTITENONE	0,78
57	54,88	AROMATIC COMPOUND	0,10
58	55,47	AROMATIC COMPOUND Mw=208	0,03
59	57,52	AROMATIC KETONE Mw=218	0,34
60	58,44	IONONE ISOMER	0,05

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Peak	RT (min)	Compound name	%
61	58,75	SESQUITERPENOL	0,04
62	58,76	AROMATIC COMPOUND	0,03
63	59,58	beta-HIMACHALENE OXIDE	0,31
64	60,42	OXYGENED COMPOUND Mw=220	0,04
65	60,81	NEROLIDOL	0,12
66	61,19	METHOXYBENZYL ALCOHOL	0,92
67	61,68	AROMATIC COMPOUND Mw=200	0,03
68	62,61	OXYGENED COMPOUND Mw=220	0,03
69	62,94	SESQUITERPENIC OXIDE	0,25
70	64,38	OXYGENED COMPOUND Mw=220	0,04
71	64,73	AROMATIC COMPOUND Mw=202	0,08
72	65,28	COMPOUND Mw=250	0,05
73	65,56	SESQUITERPENIC OXIDE	0,05
74	65,59	ALIPHATIC ESTER	0,05
75	65,85	EUDESMOL ISOMER	0,03
76	65,97	SESQUITERPENOL	0,07
77	66,01	AROMATIC COMPOUND Mw=220	0,06
78	66,18	LONGIBORNEOL	0,42
79	66,44	HIMACHALOL ISOMER	0,15
80	66,61	AROMATIC COMPOUND	0,34
81	66,99	HIMACHALOL ISOMER	0,32
82	67,05	HIMACHALOL ISOMER	0,09
83	67,17	COMPOUND Mw=220	0,06
84	67,39	AROMATIC COMPOUND	0,52
85	67,60	OXYGENED COMPOUND Mw=220	0,05
86	68,62	Z-alpha-ATLANTONE	3,17
87	69,09	HIMACHALOL	1,14
88	69,30	AROMATIC COMPOUND	0,07
89	69,65	Z-gamma-ATLANTONE	3,34
90	69,89	CURCUMENIC COMPOUND	0,02

### Disclaimer & Caution



PRODUCT NAME: CEDARWOOD ESSENTIAL OIL (HIMALAYAN) - 11024

Peak	RT (min)	Compound name	%
91	70,31	DEODARONE ISOMER	1,46
92	70,49	DEODARONE ISOMER	1,41
93	70,68	ALLO-HIMACHALOL	1,15
94	70,80	E-gamma-ATLANTONE	4,33
95	71,71	COMPOUND Mw=216	0,03
96	72,27	COMPOUND Mw=218	0,06
97	73,26	SESQUITERPENIC OXIDE	0,03
98	74,20	SESQUITERPENIC OXIDE	0,03
99	74,86	E-alpha-ATLANTONE	12,67
100	75,81	SESQUITERPENIC OXIDE	0,05
101	77,19	AROMATIC COMPOUND	0,02
102	78,12	COMPOUND Mw=236	0,06
103	78,31	AROMATIC COMPOUND	0,04
104	79,23	HIMACHALENOL ISOMER	0,10
105	79,49	AROMATIC COMPOUND	0,07
106	81,72	ALIPHATIC ALCOHOL	0,06
107	81,87	AROMATIC COMPOUND	0,04
108	82,49	VETISELINENOL ISOMER	0,16
109	82,54	AROMATIC COMPOUND Mw=216	0,05
110	83,47	COMPOUND Mw=178	0,04
111	83,97	OXYGENED COMPOUND Mw=220	0,10
112	84,58	AROMATIC COMPOUND	0,04
113	85,40	AROMATIC COMPOUND	0,02
		TOTAL	99,98

### Disclaimer & Caution