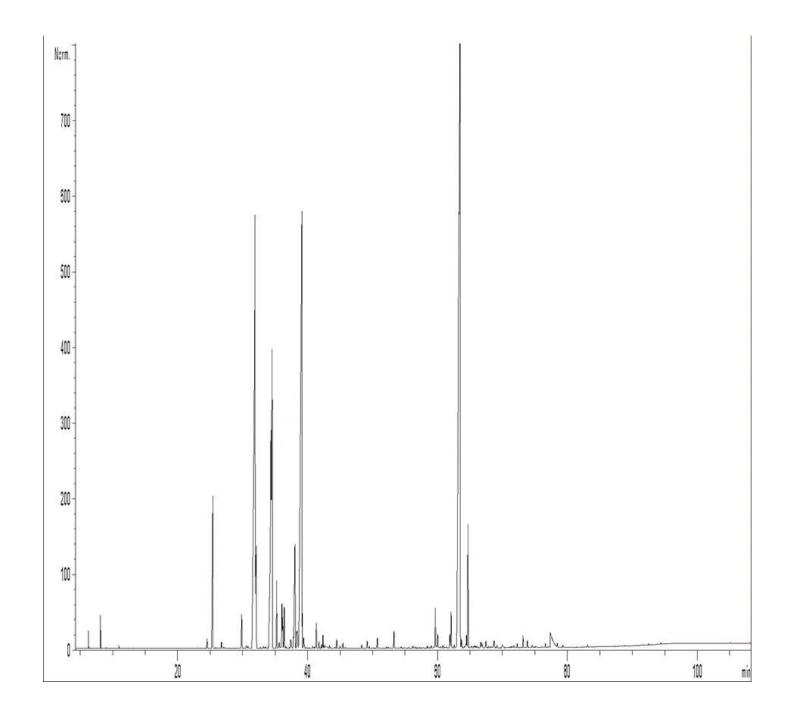


# **GCMS ANALYSIS**

PRODUCT NAME: PATCHOULI ESSENTIAL OIL (LIGHT) - 11235

DATE: March 30, 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: PATCHOULI ESSENTIAL OIL (LIGHT) - 11235

Peak	RT (min)	Compound	%
1	6,28	alpha-PINENE	0,08
2	8,14	beta-PINENE	0,20
3	10,97	LIMONENE	0,02
4	13,17	TERPINOLENE	0,01
5	19,97	3-OCTANOL	0,01
6	23,09	1-OCTEN-3-OL	0,01
7	24,23	alpha-CUBEBENE	0,01
8	24,52	delta-ELEMENE	0,16
9	25,41	beta-PATCHOULENE	2,85
10	25,85	YLANGENE	0,02
11	26,21	alpha-COPAENE	0,01
12	26,75	PENTADECANE	0,09
13	27,09	PATCHOULENE ISOMER	0,02
14	27,33	beta-BOURBONENE	0,01
15	28,86	LINALOL	0,01
16	29,85	CYCLOSEYCHELLENE	0,59
17	30,58	SESQUITERPENE	0,07
18	30,83	ELEMENE ISOMER	0,05
19	31,03	SESQUITERPENE	0,01
20	31,90	beta-ELEMENE	1,24
21	31,92	alpha-GUAIENE	14,57
22	32,10	beta-CARYOPHYLLENE	2,49
23	32,74	SESQUITERPENE	0,02
24	33,22	COPACAMPHENE	0,04
25	33,55	SESQUITERPENE	0,04
26	34,36	alpha-PATCHOULENE	6,63
27	34,53	SEYCHELLENE	6,57
28	35,24	gamma-PATCHOULENE	0,95
29	35,64	SESQUITERPENE	0,09
30	36,05	alpha-HUMULENE	0,66

#### **Disclaimer & Caution**



PRODUCT NAME: PATCHOULI ESSENTIAL OIL (LIGHT) - 11235

Peak	RT (min)	Compound	%
31	36,16	SESQUITERPENE	0,42
32	36,41	E-beta-FARNESENE	0,61
33	36,68	gamma-SELINENE	0,02
34	37,17	4,5-di-epi-ARISTOLOCHENE	0,01
35	37,42	CALARENE	0,21
36	37,81	SESQUITERPENE Mw=202	0,14
37	38,05	ACIPHYLLENE	2,78
38	38,32	PATCHOULENE ISOMER	0,27
39	38,42	beta-CHAMIGRENE	0,36
40	39,12	alpha-BULNESENE	18,36
41	39,18	beta-SELINENE	0,22
42	39,39	alpha-SELINENE	0,19
43	39,51	SESQUITERPENE Mw=202	0,03
44	39,78	SESQUITERPENE	0,02
45	40,79	HEPTADECANE	0,03
46	41,07	SESQUITERPENE Mw=202	0,02
47		7-epi-alpha-SELINENE	0.44
48	41,34	SESQUITERPENE	0,41
49	41,76	SESQUITERPENE Mw=202	0,10
50	42,17	SESQUITERPENE Mw=202	0,05
51	42,37	SESQUITERPENE Mw=202	0,18
52	42,53	SESQUITERPENE Mw=202	0,05
53	42,82	SESQUITERPENE Mw=202	0,12
54	43,35	SESQUITERPENE Mw=202	0,05
55	43,49	SESQUITERPENOL	0,02
56	44,48	SESQUITERPENE Mw=202	0,12
57	44,98	GERMACRENE B	0,03
58	45,44	SESQUITERPENE Mw=202	0,07
59	45,84	SESQUITERPENIC EPOXIDE	0,02
60	48,35	SESQUITERPENIC EPOXIDE	0,05

#### **Disclaimer & Caution**



PRODUCT NAME: PATCHOULI ESSENTIAL OIL (LIGHT) - 11235

Peak	RT (min)	Compound	0/0
		-	
61	49,17	SESQUITERPENE Mw=202	0,10
62	49,48	SESQUITERPENONE	0,02
63	49,87	SESQUITERPENOL	0,01
64	50,72	AROMATIC COMPOUND	0,15
65	51,06	SESQUITERPENIC EPOXIDE	0,02
66	52,15	SESQUITERPENIC EPOXIDE	0,02
67	52,32	SESQUITERPENIC EPOXIDE	0,01
68	52,47	SESQUITERPENIC EPOXIDE	0,02
69	52,82	ISOCARYOPHYLLENE EPOXIDE	0,02
70	53,29	CARYOPHYLLENE EPOXIDE	0,25
71	53,71	SESQUITERPENIC EPOXIDE	0,01
72	54,42	SESQUITERPENONE	0,03
73	54,96	SESQUITERPENIC EPOXIDE	0,01
74	55,55	SESQUITERPENIC EPOXIDE	0,02
75	56,22	epoxy-6,7-HUMULENE	0,04
76	56,55	NEROLIDOL	0,02
77	56,90	SESQUITERPENOL	0,01
78	57,22	SESQUIERPENONE	0,01
79	57,79	SESQUITERPENIC EPOXIDE	0,02
80	58,41	ELEMOL	0,04
81	59,05	SESQUITERPENOL	0,06
82	59,44	GUIAOL	0,03
83	59,66	NORPATCHOULENOL	0,61
84	59,78	AROMATIC COMPOUND	0,04
85	60,02	1,5-epoxy-alpha-GUAIENE	0,29
86	60,45	COMPOUND Mw=166	0,04
87	60,85	SESQUITERPENIC EPOXIDE	0,07
88	61,15	SESQUITERPENOL	0,03
89	61,38	SESQUITERPENIC EPOXIDE	0,03
90	61,91	SESQUITERPENOL	0,22

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PRODUCT NAME: PATCHOULI ESSENTIAL OIL (LIGHT) - 11235

Peak	RT (min)	Compound	%
91	62,09	BULNESOL	0,54
92	62,58	SESQUITERPENOL	0,06
93	63,47	PATCHOULOL	29,43
94	63,66	SESQUITERPENIC EPOXIDE	0,11
95	63,75	SESQUITERPENIC EPOXIDE	0,06
96	64,34	SESQUITERPENONE	0,06
97	64,46	SESQUITERPENIC EPOXIDE	0,19
98	64,70	POGOSTOL	2,04
99	65,27	SESQUITERPENONE	0,05
100	65,60	SESQUITERPENIC OXIDE	0,03
101	65,72	SESQUITERPENOL	0,03
102	65,86	SESQUITERPENOL	0,02
103	66,06	SESQUITERPENIC OXIDE	0,05
104	66,66	EUDESMA-7(11)-EN-4-OL	0,10
105	66,84	beta-NOOTKATOL	0,09
106	66,94	SESQUITERPENOL	0,02
107	67,43	SESQUITERPENONE	0,12
108	67,84	SESQUITERPENOL	0,03
109	68,23	SESQUITERPENIC OXIDE	0,03
110	68,70	SESQUITERPENIC OXIDE	0,15
111	69,17	CARYOPHYLLA-2,6-DIEN-5-alpha-OL	0,05
112	71,34	AROMATIC COMPOUND	0,02
113	71,49	SESQUITERPENOL	0,03
114	71,72	SESQUITERPENIC OXIDE	0,06
115	72,25	SESQUITERPENONE	0,07
116	73,16	SESQUITERPENIC OXIDE	0,18
117	73,83	SESQUITERPENIC OXIDE	0,11
118	74,59	SESQUITERPENONE	0,06
119	74,98	AROMATIC COMPOUND	0,01
120	75,15	SESQUITERPENOL	0,02

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PRODUCT NAME: PATCHOULI ESSENTIAL OIL (LIGHT) - 11235

Peak	RT (min)	Compound	%
121	76,12	SESQUITERPENIC OXIDE	0,02
122	76,62	SESQUITERPENIC OXIDE	0,07
123	77,13	AROMATIC COMPOUND	0,02
124	77,35	POGOSTONE	1,11
125	78,43	SESQUITERPENIC OXIDE	0,07
126	79,31	SESQUITERPENIC OXIDE	0,03
127	83,09	PHYTOL	0,03
128	88,89	AROMATIC COMPOUND	0,01
129	92,50	COMPOUND Mw=216	0,02
130	94,35	CORYMBOLON	0,02
		TOTAL	99,96

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