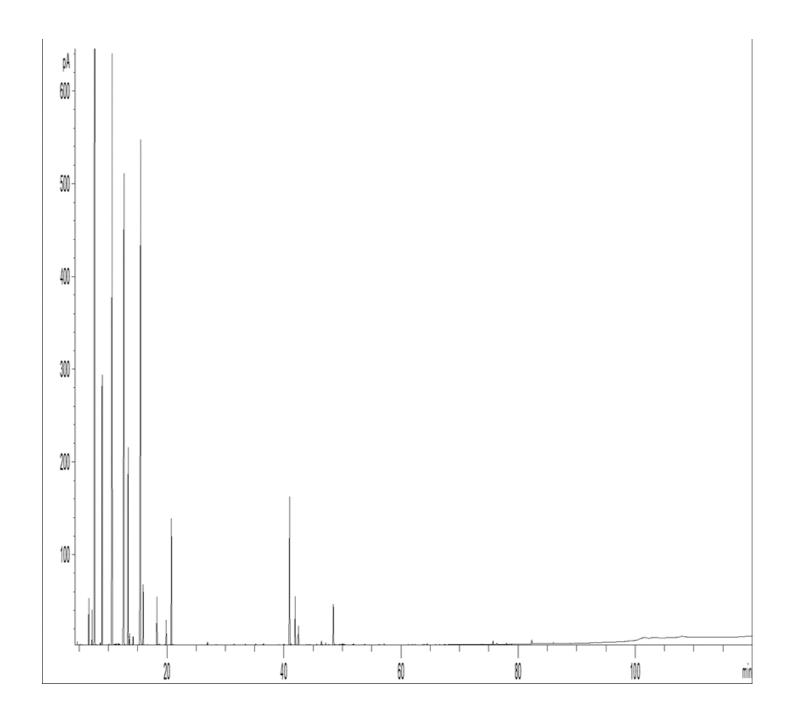


# **GCMS ANALYSIS**

PRODUCT NAME: PINE SCOTCH ESSENTIAL OIL - 11120

DATE: March 03, 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.



## GCMS ANALYSIS (cont'd,)

PRODUCT NAME: PINE SCOTCH ESSENTIAL OIL - 11120

Peak	RT (min)	Compound name	%
1	4,71	ACETONE	0,03
2	6,67	SANTENE	0,44
3	7,24	TRICYCLENE	0,42
4	7,69	alpha-PINENE	32,97
5	7,75	alpha-THUYENE	0,02
6	7,91	TOLUENE	0,01
7	8,63	alpha-FENCHENE	0,03
8	8,94	CAMPHENE	3,74
9	10,09	1,6-OCTADIENE, 2,7-DIMETHYL-	0,02
10	10,65	beta-PINENE	14,57
11	11,15	SABINENE	0,02
12	11,30	PINADIENE	0,02
13	11,62	delta2-CARENE	0,02
14	11,71	TERPENE ISOMER	0,03
15	11,87	p-MENTH-2-ENE	0,02
16	12,67	delta3-CARENE	13,25
17	13,37	beta-MYRCENE	3,69
18	13,43	alpha-PHELLANDRENE	0,10
19	13,63	psi-LIMONENE	0,20
20	14,22	alpha-TERPINENE	0,18
21	15,21	ISOSYLVESTRENE	0,01
22	15,54	LIMONENE	17,57
23	15,95	beta-PHELLANDRENE	1,14
24	18,30	gamma-TERPINENE	0,91
25	18,76	trans-beta-OCIMENE	0,02
26	19,88	p-CYMENE	0,49
27	20,77	TERPINOLENE	2,68
28	21,10	TERPINOLENE ISOMER	0,02
29	26,95	alpha-PINENE OXIDE	0,07
30	28,34	FENCHONE	0,01

### **Disclaimer & Caution:**

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## GCMS ANALYSIS (cont'd,)

PRODUCT NAME: PINE SCOTCH ESSENTIAL OIL - 11120

Peak	RT (min)	Compound name	%
31	31,49	alpha-p-DIMETHYLSTYRENE	0,02
32	33,43	4,8-TERPINOLENE EPOXIDE	0,02
33	35,18	CYCLOSATIVENE + ISOLEDENE	0,03
34	36,50	CAMPHOR	0,04
35	40,00	LONGIFOLENE	0,02
36	40,99	BORNYL ACETATE	3,93
37	41,23	ISOBORNYL ACETATE	0,03
38	41,93	beta-CARYOPHYLLENE	1,11
39	42,03	CAMPHENE HYDRATE	0,01
40	42,49	TERPINENE-4-OL	0,40
41	45,59	trans-PINOCARVEOL	0,02
42	46,43	alpha-HUMULENE	0,11
43	47,16	trans-VERBENOL	0,05
44	48,40	alpha-TERPINEOL	0,49
45	48,44	BORNEOL	0,65
46	48,85	VERBENONE	0,02
47	49,45	COMPOUND Mw=152	0,01
48	49,92	alpha-MUUROLENE	0,03
49	50,10	beta-BISABOLENE	0,03
50	50,14	BICYCLOGERMACRENE	0,01
51	51,83	E,E-alpha-FARNESENE	0,01
52	51,93	GERANYL ACETATE	0,02
53	53,85	MYRTENOL	0,01
54	57,13	p-CYMENE-8-OL	0,03
55	64,48	CARYOPHYLLENE EPOXIDE	0,03
56	75,74	DITERPENE Mw=272	0,08
57	76,25	Epi-alpha-BISABOLOL	0,01
58	76,37	alpha-BISABOLOL	0,03
59	78,04	DITERPENE Mw=272	0,03
		TOTAL	100,00

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