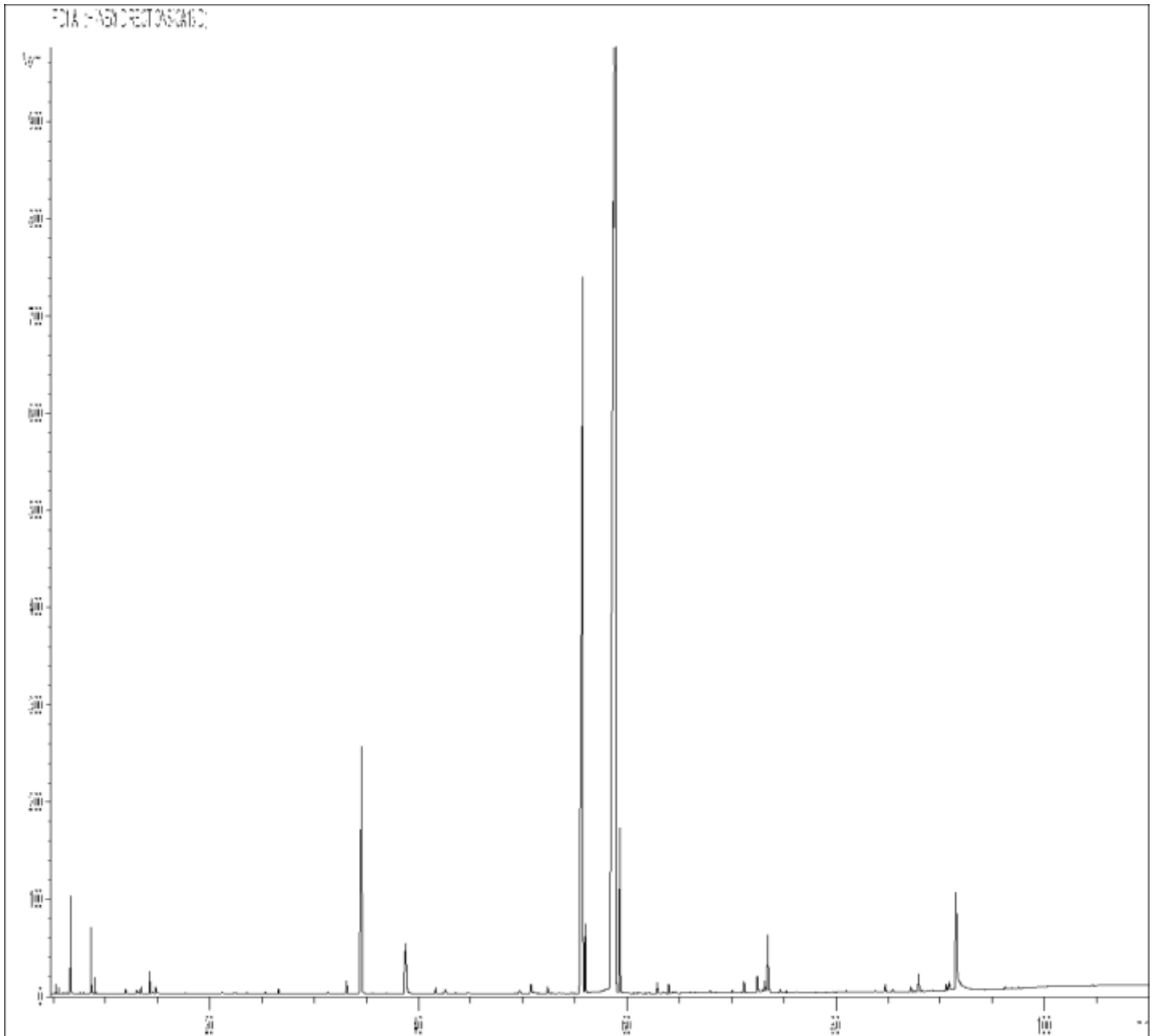




GCMS ANALYSIS

PRODUCT NAME: CATNIP ESSENTIAL OIL - 11321

DATE: September 8, 2020



*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: CATNIP ESSENTIAL OIL - 11321

Peak	RT (min)	Compound name	%
1	5,13	BUTANAL, 2-METHYL-	0,02
2	5,29	ISOVALERALDEHYDE	0,06
3	5,55	FURAN,2-ETHYL-	0,04
4	5,96	2-PENTANONE	0,02
5	6,31	METHYL, 2-METHYLBUTYRATE	0,02
6	6,69	alpha-PINENE	0,63
7	6,75	alpha-THUYENE	0,02
8	7,57	CAMPHENE	0,02
9	7,95	HEXANAL	0,02
10	8,63	beta-PINENE	0,55
11	9,02	SABINENE	0,14
12	9,93	ALIPHATIC ALCOHOL	0,01
13	10,42	beta-MYRCENE	0,01
14	10,56	alpha-PHELLANDRENE	0,01
15	11,94	LIMONENE	0,05
16	12,33	beta-PHELLANDRENE	0,01
17	12,97	2-HEXENAL	0,10
18	13,62	FURAN, 2-PENTYL-	0,02
19	13,43	Cis-beta-OCIMENE	0,07
20	13,96	gamma-TERPINENE	0,01
21	14,23	Trans-beta-OCIMENE	0,23
22	14,50	3-OCTANONE	0,04
23	14,82	METHALLYL CYANIDE	0,12
24	15,07	p-CYMENE	0,01
25	17,71	TRIDECANE	0,02
26	21,12	3-HEXEN-1-OL	0,05
27	22,31	NONANAL	0,02
28	22,45	2-HEXEN-1-OL	0,01
29	23,54	HEXYL BUTYRATE	0,02
30	25,29	1-OCTEN-3-OL	0,03

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CATNIP ESSENTIAL OIL - 11321

Peak	RT (min)	Compound name	%
31	26,56	TETRADECANE	0,05
32	29,50	DILL ETHER	0,01
33	31,33	LINALOOL	0,03
34	32,00	DIMETHYL SULFOXYDE	0,01
35	33,09	ISOCARYOPHYLLENE	0,18
36	33,02	BORNYL ACETATE	0,02
37	33,98	alpha,trans-BERGAMOTENE	0,01
38	34,56	<b>beta-CARYOPHYLLENE</b>	<b>5,49</b>
39	34,60	TERPINENE-4-OL	0,04
40	35,61	TERPENIC KETONE	0,01
41	36,94	BENZENEACETALDEHYDE	0,01
42	37,74	2-DECENAL	0,01
43	38,68	CYCLOPENTENONE METHYL ISOMER Mw=138	0,63
44	38,75	alpha-HUMULENE	0,52
45	38,79	E-beta-FARNESENE	0,37
46	38,96	LAVANDULOL	0,01
47	41,65	HEXENYL ESTER	0,07
48	42,25	ALIPHATIC ESTER	0,01
49	42,55	CARVONE	0,08
50	42,60	GERANIAL	0,02
51	43,54	alpha-FARNESENE	0,02
52	43,78	delta-CADINENE	0,01
53	44,67	METHYL SALICYLATE	0,03
54	45,96	alpha-BISABOLENE	0,01
55	46,70	AROMATIC COMPOUND	0,01
56	47,46	ALIPHATIC ESTER	0,01
57	49,65	NEPETALACTONE ISOMER	0,07
58	50,48	ALIPHATIC ESTER	0,01
59	50,75	NEPETALACTONE ISOMER	0,19
60	51,10	NEPETALACTONE ISOMER	0,07

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CATNIP ESSENTIAL OIL - 11321

Peak	RT (min)	Compound name	%
61	51,43	NEPETALACTONE ISOMER	0,01
62	52,36	NEPETALACTONE ISOMER	0,15
63	52,79	HUMULENE EPOXIDE	0,03
64	53,39	NEPETALACTONE ISOMER	0,03
65	53,78	beta-IONONE	0,02
66	54,66	NEPETALACTONE ISOMER	0,02
67	55,74	<b>NEPETALACTONE ISOMER</b>	<b>21,17</b>
68	55,99	CARYOPHYLLENE OXIDE	0,96
69	58,87	<b>NEPETALACTONE</b>	<b>58,38</b>
70	58,93	6,7-HUMULENE,EPOXY	0,09
71	59,28	NEONEPETALACTONE	2,36
72	62,06	COMPOUND Mw=166 ISOMER	0,03
73	62,87	DIHYDRONEPTALACTONE	0,18
74	63,35	3-HEXENYL-Cis, BENZOATE-	0,03
75	63,55	COMPOUND Mw=166 ISOMER	0,02
76	63,97	PENTADECANONE TRIMETHYL	0,11
77	64,41	COMPOUND Mw=166 ISOMER	0,03
78	64,67	EUGENOL	0,05
79	66,56	AROMATIC COMPOUND	0,03
80	67,88	NEPETALACTONIC COMPOUND	0,03
81	68,01	NEPETALACTONIC COMPOUND	0,04
82	68,46	AROMATIC COMPOUND	0,02
83	70,08	NEPETALACTONIC COMPOUND	0,05
84	71,20	NEPETALACTONIC COMPOUND	0,17
85	72,45	AROMATIC COMPOUND	0,33
86	73,18	ALIPHATIC ESTER	0,23
87	73,48	NEPETALACTONIC COMPOUND	1,01
88	73,60	ALIPHATIC ALCOHOL	0,06
89	74,65	ALIPHATIC ESTER	0,07
90	75,27	COMPOUND Mw=166 ISOMER	0,03

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CATNIP ESSENTIAL OIL - 11321

Peak	RT (min)	Compound name	%
91	80,59	COMPOUND Mw=166 ISOMER	0,02
92	80,99	HEXENYL ESTER	0,03
93	83,79	ALIPHATIC ESTER	0,03
94	84,72	AROMATIC COMPOUND	0,11
95	85,43	COMPOUND Mw=166 ISOMER	0,04
96	87,19	COMPOUND Mw=166 ISOMER	0,07
97	87,92	HEXENYL ESTER	0,25
98	88,23	COMPOUND Mw=166 ISOMER	0,03
99	90,58	NEPETALACTONIC COMPOUND	0,08
100	90,84	NEPETALACTONIC COMPOUND	0,16
101	91,51	<b>NEPETALACTONE ISOMER Mw=166</b>	<b>2,79</b>
102	96,18	PALMITIC ACID	0,03
103	97,48	AROMATIC COMPOUND	0,02
		<b>TOTAL</b>	<b>99,79</b>

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