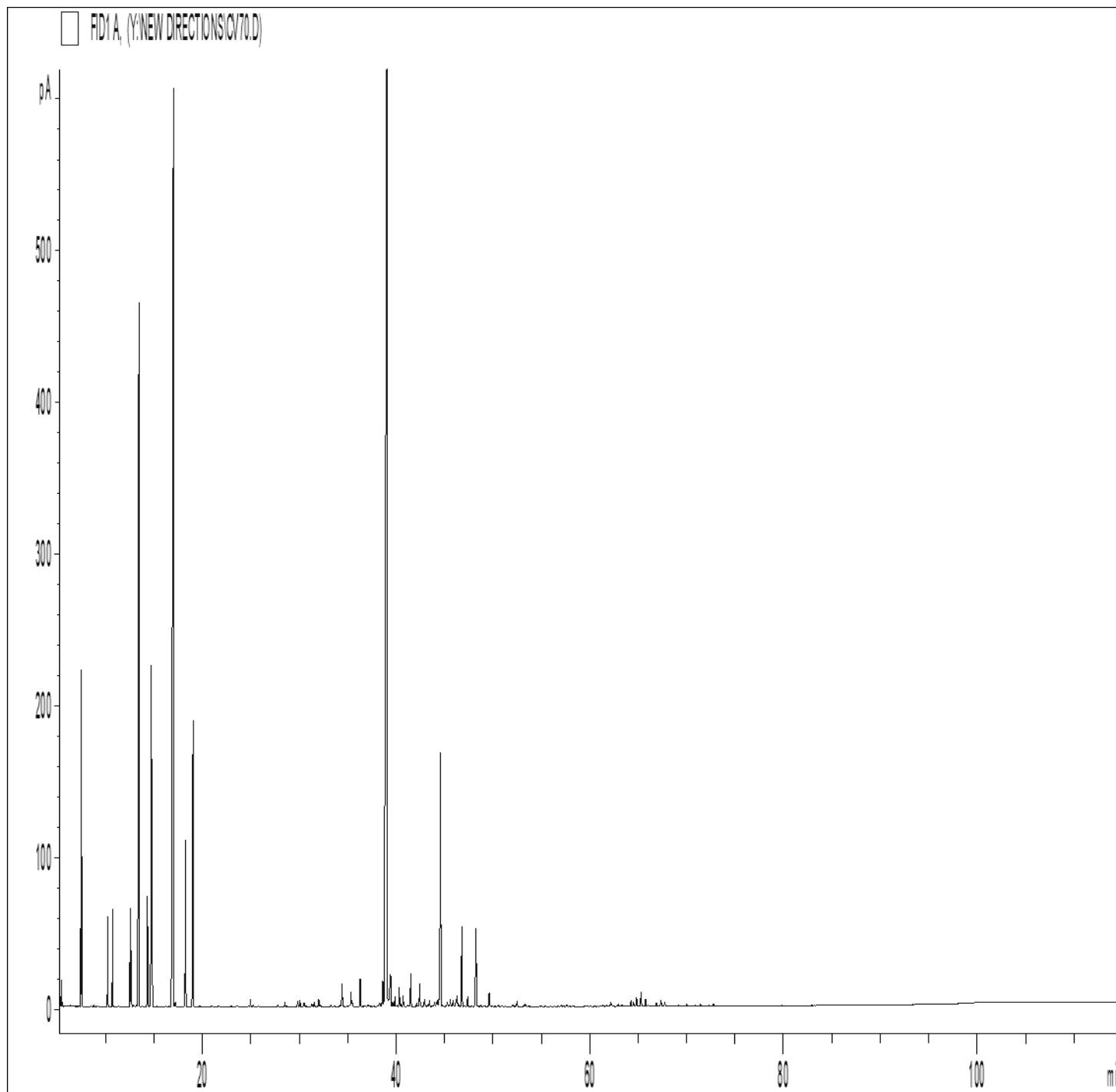


GCMS ANALYSIS

PRODUCT NAME: TEA TREE ESSENTIAL OIL – AAA (AUSTRALIA) – 11144

DATE: October 15, 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: TEA TREE ESSENTIAL OIL – AAA (AUSTRALIA) – 11144

Peak	RT (min)	Compound name	%
1	5,34	BUTANAL, 2-METHYL-	0,05
2	5,47	ETHANOL	0,14
3	7,47	<b>alpha-PINENE</b>	<b>2,50</b>
4	7,55	alpha-THUYENE	0,98
5	8,76	CAMPHENE	0,01
6	10,23	beta-PINENE	0,80
7	10,73	<b>SABINENE</b>	<b>0,88</b>
8	12,55	beta-MYRCENE	1,01
9	12,67	alpha-PHELLANDRENE	0,54
10	12,85	psi-LIMONENE	0,01
11	13,20	o-CYMENE	0,02
12	13,45	<b>alpha-TERPINENE</b>	<b>10,10</b>
13	14,32	<b>LIMONENE</b>	<b>1,20</b>
14	14,73	<b>1,8-CINEOLE</b>	<b>4,39</b>
15	14,82	beta-PHELLANDRENE	0,99
16	17,01	<b>gamma-TERPINENE</b>	<b>19,73</b>
17	17,19	trans-beta-OCIMENE	0,04
18	18,26	<b>p-CYMENE</b>	<b>1,86</b>
19	19,04	<b>TERPINOLENE</b>	<b>3,75</b>
20	24,97	3-HEXEN-1-OL	0,08
21	25,25	COMPOUND Mw=182	0,02
22	27,78	MENTHATRIENE ISOMER	0,02
23	28,53	alpha-p-DIMETHYLSTYRENE	0,05
24	29,84	alpha-CUBEBENE	0,07
25	30,07	trans-THUYANOL	0,08
26	30,50	SESQUITERPENE	0,06
27	31,30	BICYCLOELEMENE	0,03
28	31,56	SESQUITERPENE	0,06
29	32,02	alpha-COPAENE	0,12
30	32,17	SESQUITERPENE	0,02

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GCMS ANALYSIS (cont'd,)

PRODUCT NAME: TEA TREE ESSENTIAL OIL – AAA (AUSTRALIA) – 11144

Peak	RT (min)	Compound name	%
31	33,27	DILL ETHER	0,02
32	33,60	COMPOUND Mw=152	0,01
33	34,22	SESQUITERPENE	0,03
34	34,41	alpha-GURJUNENE	0,34
35	35,20	beta-MAALIENE	0,03
36	35,33	cis-THUYANOL	0,20
37	35,44	LINALOOL	0,07
38	36,28	trans-p-MENTH-2-EN-1-OL	0,36
39	36,79	SESQUITERPENE	0,02
40	37,04	SESQUITERPENE	0,01
41	37,13	SESQUITERPENE	0,01
42	37,27	FENCHOL	0,01
43	37,66	beta-CUBEBENE	0,01
44	38,08	alpha-trans-BERGAMOTENE	0,01
45	38,27	SESQUITERPENE	0,08
46	38,61	beta-CARYOPHYLLENE	0,45
47	39,08	<b>TERPINENE-4-OL</b>	<b>37,19</b>
48	39,13	SESQUITERPENE	0,08
49	39,41	<b>AROMADENDRENE</b>	<b>0,94</b>
50	39,62	SESQUITERPENE	0,05
51	39,87	COPACAMPHENE	0,12
52	40,32	cis-p-MENTH-2-EN-1-OL	0,25
53	40,48	SESQUITERPENE	0,03
54	40,72	CADINADIENE ISOMER	0,15
55	41,23	GERMACRENE A	0,02
56	41,50	ALLO-AROMADENDRENE	0,46
57	42,11	gamma-GURJUNENE	0,05
58	42,43	ZONARENE	0,31
59	42,93	alpha-HUMULENE	0,10
60	42,99	delta-TERPINEOL	0,02

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GCMS ANALYSIS (cont'd,)

PRODUCT NAME: TEA TREE ESSENTIAL OIL – AAA (AUSTRALIA) – 11144

Peak	RT (min)	Compound name	%
61	43,38	gamma-SELINENE	0,02
62	43,44	cis-PIPERITOL	0,08
63	43,96	LAVANDULAL	0,07
64	44,18	gamma-MUUROLENE	0,04
65	44,23	LEDENE ISOMER	0,10
66	44,42	CALARENE	0,09
67	44,50	<b>LEDENE</b>	<b>1,11</b>
68	44,58	<b>alpha-TERPINEOL</b>	<b>2,59</b>
69	44,75	gamma-CURCUMENE	0,02
70	45,19	GURJUNENE ISOMER	0,02
71	45,29	GERMACRENE D	0,07
72	45,59	MUUROLADIENE ISOMER	0,10
73	45,87	beta-SELINENE	0,10
74	46,19	PIPERITONE	0,11
75	46,30	alpha-SELINENE	0,15
76	46,46	alpha-MUUROLENE	0,01
77	46,79	BICYCLOGERMACRENE	1,17
78	47,05	SESQUITERPENE	0,01
79	47,38	trans-PIPERITOL	0,13
80	48,18	gamma-CADINENE	0,25
81	48,24	<b>delta-CADINENE</b>	<b>1,15</b>
82	48,75	SESQUITERPENE Mw=202	0,02
83	49,61	CADINA-1,4-DIENE	0,19
84	50,56	NEROL	0,02
85	50,91	MENTHATRIENIC COMPOUND	0,02
86	52,02	SELINENE ISOMER	0,02
87	52,49	CALAMENENE	0,07
88	53,20	GERANIOL	0,01
89	53,33	p-CYMENE-8-OL	0,03
90	55,40	Epi-CUBEBOL	0,01

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GCMS ANALYSIS (cont'd,)

PRODUCT NAME: TEA TREE ESSENTIAL OIL – AAA (AUSTRALIA) – 11144

Peak	RT (min)	Compound name	%
91	57,63	PALUSTROL	0,03
92	58,22	CUBEBOL	0,01
93	61,34	MAALIOL	0,02
94	61,78	GLEENOL ISOMER	0,02
95	62,15	Epi-GLOBULOL	0,06
96	62,26	METHYLEUGENOL	0,02
97	62,94	LEDOL	0,03
98	63,32	PHOTOSANTALOL ISOMER	0,02
99	64,26	GLEENOL	0,09
100	64,50	Epi-CUBENOL	0,07
101	64,83	CUBENOL	0,14
102	65,28	<b>GLOBULOL</b>	<b>0,21</b>
103	65,76	<b>VIRIDIFLOROL</b>	<b>0,10</b>
104	66,00	cis-1,2-DIHYDROXY-p-MENTH-2-ENE	0,03
105	66,88	10-epi-gamma-EUDESOL	0,05
106	67,35	ROSIFOLIOL	0,09
107	67,75	SPATHULENOL	0,06
108	69,14	trans-1,2-DIHYDROXY-p-MENTH-2-ENE	0,01
109	69,99	SORBIC ACID	0,03
110	70,88	alpha-MUUROLOL	0,02
111	71,45	delta-CADINOL	0,03
112	72,75	alpha-NOOTKATOL	0,04
		<b>TOTAL</b>	<b>100,00</b>

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