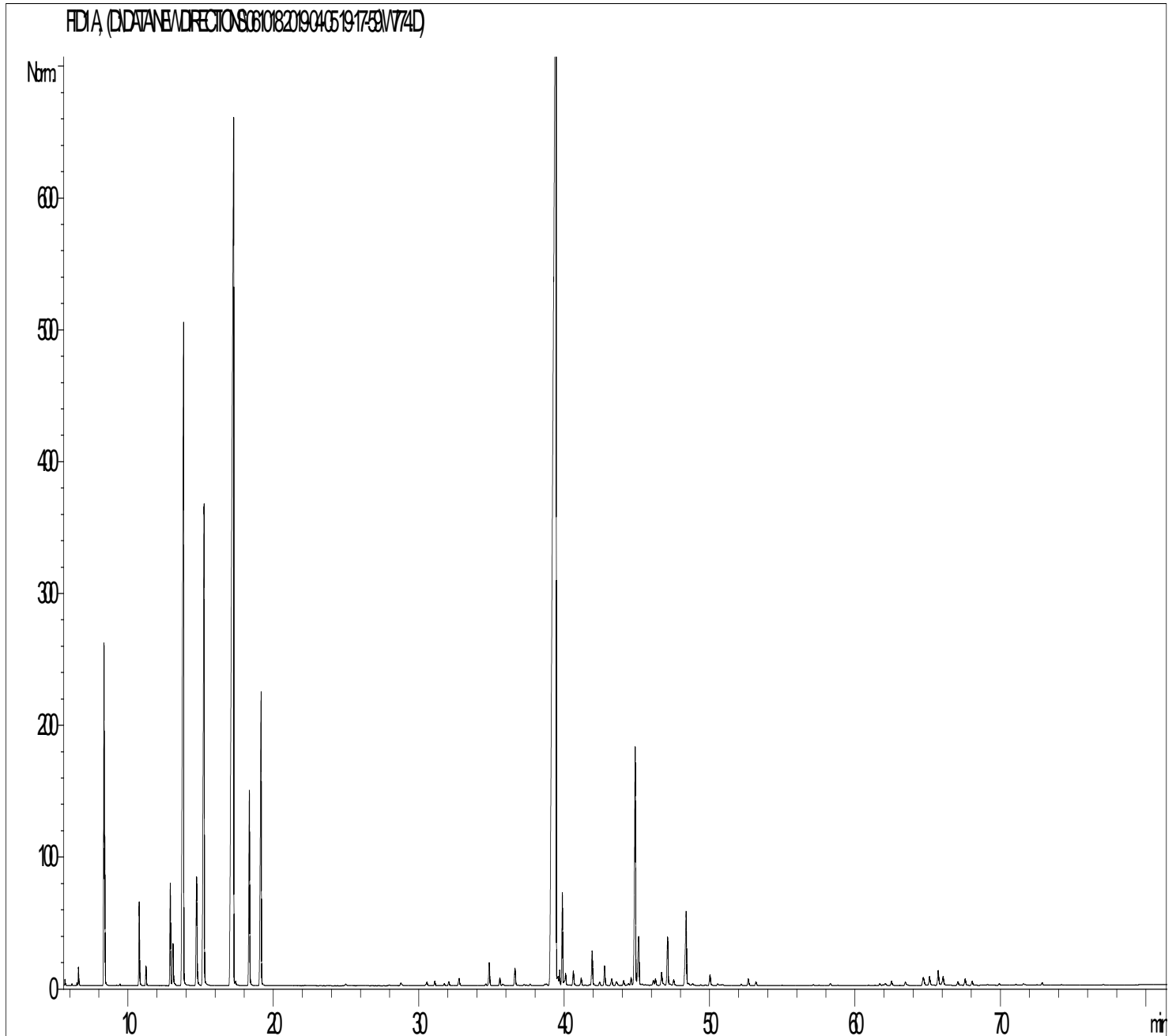


GCMS ANALYSIS

PRODUCT NAME: TEA TREE ESSENTIAL OIL - AAA (AUSTRALIA)

DATE: April 15, 2019

Lot#: 11144A10319



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)

Peak	RT (min)	Compound name	%
1	5,7	ACETONE	0,04
2	6,1	ETHYL ACETATE	0,01
3	6,5	BUTANAL, 2-METHYL-	0,02
4	6,6	ETHANOL	0,14
5	8,4	alpha-PINENE	2,52
6	8,5	alpha-THUYENE	0,89
7	9,5	CAMPHENE	0,01
8	10,8	beta-PINENE	0,75
9	11,2	SABINENE	0,18
10	13,0	beta-MYRCENE	0,96
11	13,1	alpha-PHELLANDRENE	0,45
12	13,2	psi-LIMONENE	0,02
13	13,8	alpha-TERPINENE	9,39
14	14,7	LIMONENE	1,29
15	15,2	1,8-CINEOLE	6,44
16	17,3	gamma-TERPINENE	20,06
17	17,4	Trans-beta-OCIMENE	0,06
18	18,4	p-CYMENE	2,00
19	19,2	TERPINOLENE	3,60
20	25,0	3-HEXEN-1-OL	0,02
21	28,0	MENTHATRIENE ISOMER	0,01
22	28,8	alpha-p-DIMETHYLSTYRENE	0,05
23	30,6	alpha-CUBEBENE	0,05
24	31,1	SESQUITERPENE	0,06
25	31,8	BICYCLOELEMENE	0,03
26	32,1	SESQUITERPENE	0,05
27	32,8	alpha-COPAENE	0,11
28	34,6	SESQUITERPENE	0,02
29	34,9	alpha-GURJUNENE	0,29
30	35,6	LINALOOL	0,09

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: TEA TREE ESSENTIAL OIL - AAA (AUSTRALIA)

Peak	RT (min)	Compound name	%
31	35,8	beta-MAALIENE	0,02
32	35,9	Cis-THUYANOL	0,01
33	36,6	Trans-p-MENTH-2-EN-1-OL	0,23
34	37,3	SESQUITERPENE	0,02
35	37,4	TERPINENE-1-OL	0,01
36	37,7	SESQUITERPENE	0,02
37	38,7	CALARENE ISOMER	0,02
38	38,8	beta-ELEMENE	0,03
39	39,4	TERPINENE-4-OL	39,45
40	39,6	SESQUITERPENE	0,14
41	39,7	SELINA-3,7-DIENE	0,15
42	39,9	AROMADENDRENE	0,91
43	40,0	SESQUITERPENE	0,04
44	40,1	SESQUITERPENE	0,14
45	40,6	Cis-p-MENTH-2-EN-1-OL + GURJUNENE ISOMER	0,18
46	41,2	CADINA-3,5-DIENE	0,10
47	41,9	ALLO-AROMADENDRENE	0,45
48	42,4	GURJUNENE ISOMER	0,04
49	42,8	ZONARENE	0,24
50	43,3	alpha-HUMULENE + delta-TERPINEOL	0,10
51	43,6	Cis-PIPERITOL	0,07
52	44,1	NERAL	0,07
53	44,4	gamma-MUUROLENE	0,03
54	44,6	CALARENE	0,10
55	44,9	alpha-TERPINEOL	3,14
56	45,1	LEDENE	0,78
57	45,4	GURJUNENE ISOMER	0,02
58	46,1	MUUROLADIENE ISOMER	0,07
59	46,3	beta-SELINENE	0,09
60	46,7	alpha-SELINENE + alpha-MUUROLENE	0,19

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: TEA TREE ESSENTIAL OIL - AAA (AUSTRALIA)

Peak	RT (min)	Compound name	%
61	46,8	PIPERITONE	0,02
62	47,1	BICYCLOGERMACRENE	0,62
63	47,3	SESQUITERPENE	0,02
64	47,5	Trans-PIPERITOL	0,08
65	48,4	delta-CADINENE	1,14
66	48,5	gamma-CADINENE	0,04
67	48,8	SESQUITERPENE Mw=202	0,02
68	50,0	CADINA-1,4-DIENE	0,15
69	50,6	SESQUITERPENE Mw=202	0,03
70	50,8	NEROL	0,01
71	50,9	VERBENYL ACETATE	0,02
72	52,2	SESQUITERPENE	0,02
73	52,7	CALAMENENE	0,09
74	53,1	p-CYMENE-8-OL	0,02
75	53,2	GERANIOL	0,03
76	57,1	alpha-CALACORENE	0,01
77	58,3	PALUSTROL	0,03
78	61,7	SESQUITERPENOL	0,02
79	61,9	SESQUITERPENOL	0,01
80	62,1	METHYLEUGENOL	0,03
81	62,5	Epi-GLOBULOL	0,06
82	63,5	LEDOL	0,06
83	64,7	GLEENOL + Epi-CUBENOL	0,16
84	65,1	CUBENOL	0,13
85	65,7	GLOBULOL	0,22
86	66,1	VIRIDIFLOROL	0,15
87	67,1	10-Epi-gamma-EUDESOL	0,06
88	67,6	ROSIFOLIOL	0,10
89	68,1	SPATHULENOL	0,06
90	69,1	Trans-1,4-DIHYDROXY-p-MENTH-2-ENE	0,02

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: TEA TREE ESSENTIAL OIL - AAA (AUSTRALIA)

Peak	RT (min)	Compound name	%
91	69,9	ACETOXYKETONE COMPOUND	0,02
92	71,1	alpha-MUUROLOL	0,02
93	71,6	delta-CADINOL	0,02
94	72,9	beta-NOOTKATOL	0,03
		TOTAL	99,99

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