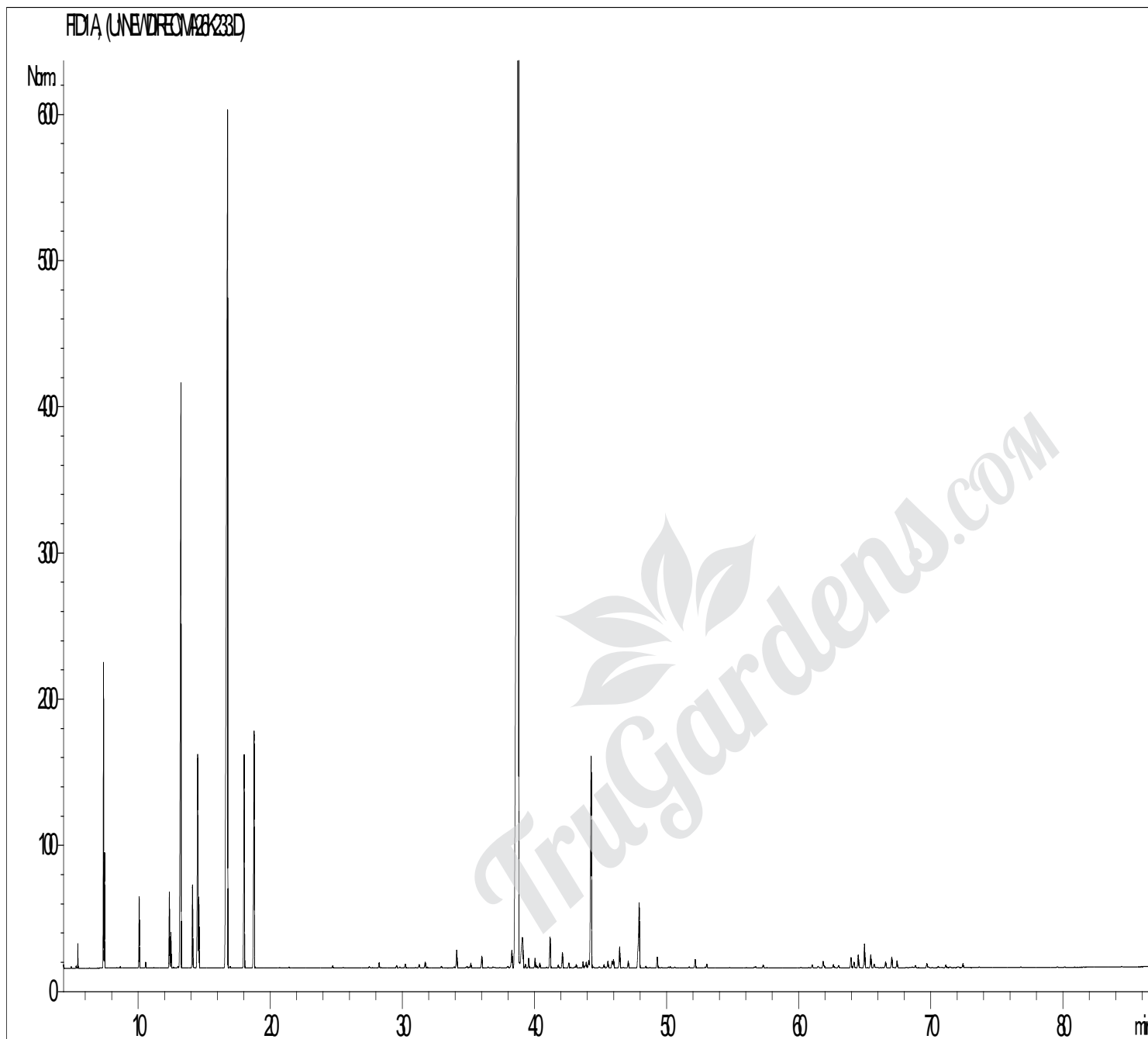


GCMS ANALYSIS

PRODUCT NAME: TEA TREE (AUSRALIAN) ESSENTIAL OIL - 11144

DATE: February 2, 2017



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 (AUSTRALIAN) ESSENTIAL OIL - 11144

Peak	RT (min)	Compound name	%
1	4,9	ISOBUTANAL	0,01
2	5,3	2-METHYL BUTANAL	0,02
3	5,4	ETHANOL	0,14
4	7,3	α-PINENE	2,44
5	7,4	α-THUYENE	0,84
6	8,6	CAMPHENE	0,01
7	10,1	β-PINENE	0,69
8	10,6	SABINENE	0,05
9	12,3	β-MYRCENE	0,84
10	12,5	α-PHELLANDRENE	0,37
11	12,6	ψ-LIMONENE	0,01
12	13,0	1,4-CINEOLE	0,02
13	13,2	α-TERPINENE	8,90
14	14,1	LIMONENE	0,96
15	14,5	1,8-CINEOLE	2,80
16	14,6	β-PHELLANDRENE	0,71
17	16,7	γ-TERPINENE	20,05
18	16,9	Trans-β-OCIMENE	0,02
19	18,0	p-CYMENE	2,75
20	18,8	TERPINOLENE	3,34
21	21,4	3-HEXEN-1-OL ACETATE	0,01
22	24,7	3-HEXEN-1-OL	0,03
23	27,5	MENTHATRIENE ISOMER	0,02
24	28,2	α-p-DIMETHYLSTYRENE	0,07
25	29,5	α-CUBEBENE	0,04
26	29,8	Trans-THUYANOL	0,01
27	30,2	SESQUITERPENE	0,06
28	31,0	BICYCLOELEMENE	0,01
29	31,3	SESQUITERPENE	0,05
30	31,7	α-COPAENE	0,10
31	31,8	SESQUITERPENE	0,02
32	32,9	CAMPHOR	0,03

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: TEA TREE (AUSRALIAN) ESSENTIAL OIL - 11144

Peak	RT (min)	Compound name	%
33	33,9	SESQUITERPENE	0,03
34	34,1	α -GURJUNENE	0,31
35	34,8	LINALOOL	0,03
36	35,1	Cis-THUYANOL	0,02
37	35,2	β -MAALIENE	0,06
38	36,1	Trans-p-MENTH-2-EN-1-OL	0,18
39	36,5	SESQUITERPENE	0,02
40	36,8	TERPINEN-1-OL	0,02
41	37,0	SESQUITERPENE	0,02
42	37,3	SESQUITERPENE	0,02
43	37,9	β -ELEMENE	0,04
44	38,3	β -CARYOPHYLLENE	0,36
45	38,8	TERPINENE-4-OL	41,61
46	38,8	SELINA-3,7-DIENE	0,09
47	39,0	AROMADENDRENE	1,02
48	39,3	SESQUITERPENE	0,05
49	39,5	COPACAMPHENE	0,13
50	40,0	Cis-p-MENTH-2-EN-1-OL	0,14
51	40,2	GURJUNENE ISOMER	0,03
52	40,4	CADINA-3,5-DIENE	0,07
53	40,9	SESQUITERPENE	0,02
54	41,2	ALLO-AROMADENDRENE	0,51
55	41,8	GURJUNENE ISOMER	0,05
56	42,1	ZONARENE	0,24
57	42,6	α -HUMULENE	0,09
58	42,7	γ -SELINENE	0,02
59	43,0	SESQUITERPENE	0,02
60	43,1	Cis-PIPERITOL	0,06
61	43,6	NERAL	0,09
62	43,9	γ -MUUROLENE	0,12
63	44,1	SESQUITERPENE	0,11
64	44,2	α-TERPINEOL	3,93

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: TEA TREE (AUSTRALIAN) ESSENTIAL OIL - 11144

Peak	RT (min)	Compound name	%
65	44,4	LEDENE	0,02
66	44,8	SESQUITERPENE	0,04
67	45,2	VALENCENE	0,05
68	45,5	β -SELINENE	0,09
69	45,7	PIPERITONE	0,02
70	45,8	α -SELINENE	0,11
71	46,0	α -MUUROLENE	0,13
72	46,4	BICYCLOGERMACRENE	0,34
73	46,7	SESQUITERPENE	0,03
74	47,0	Cis-PIPERITOL	0,11
75	47,8	δ-CADINENE	1,02
76	47,9	γ -CADINENE	0,34
77	48,4	SESQUITERPENE	0,03
78	49,3	CADINA-1,4-DIENE	0,17
79	50,1	SESQUITERPENE Mw=202	0,01
80	50,2	NEROL	0,02
81	50,6	SESQUITERPENE	0,02
82	51,7	SELINENE ISOMER	0,02
83	52,2	CALAMENENE	0,14
84	52,9	GERANIOL	0,02
85	53,0	p-CYMENE-8-OL	0,06
86	56,7	α -CALACORENE	0,04
87	57,3	PALUSTROL	0,05
88	60,1	CARYOPHYLLENE EPOXIDE	0,01
89	61,0	SESQUITERPENOL	0,05
90	61,5	GLEENOL ISOMER	0,03
91	61,8	Épi-GLOBULOL	0,10
92	61,9	GERMACRADIENOL ISOMER	0,04
93	62,6	LEDOL	0,06
94	63,0	SESQUITERPENOL	0,04
95	63,9	GLEENOL	0,17
96	64,2	EPI-CUBENOL	0,10

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Peak	RT (min)	Compound name	%
97	64,5	CUBENOL	0,22
98	65,0	GLOBULOL	0,40
99	65,4	VIRIDIFLOROL	0,21
100	65,7	Cis-1,4-DIHYDROXY-p-MENTH-2-ENE	0,06
101	66,6	10-Épi-γ-EUDESOL	0,10
102	67,0	ROSIFOLIOL	0,17
103	67,4	SPATHULENOL	0,11
104	68,8	Trans-1,4-DIHYDROXY-p-MENTH-2-ENE	0,03
105	69,7	ACETOXYKETONE COMPONENT	0,06
106	69,8	T-CADINOL	0,02
107	70,5	α-MUUROLOL	0,02
108	71,1	δ-CADINOL	0,04
109	71,5	ISOSPATHULENOL	0,02
110	72,0	CARVACROL	0,02
111	72,1	SESQUITERPENOL	0,02
112	72,4	β-NOOTKATOL	0,06
113	73,6	EUDESMA-7-EN-4-OL	0,02
		TOTAL	99,99

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