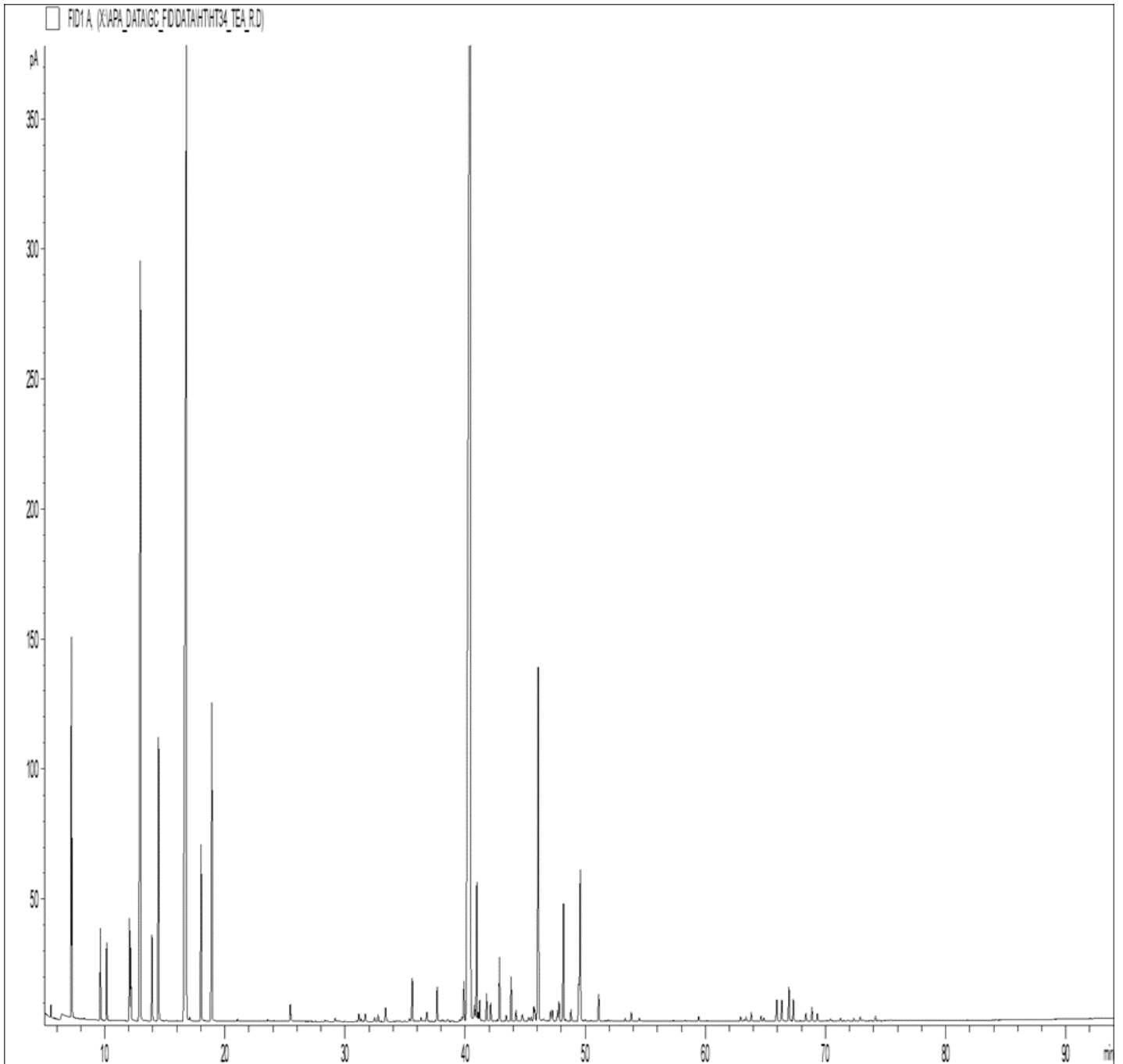


## GCMS ANALYSIS

**PRODUCT NAME: TEA TREE ORGANIC ESSENTIAL OIL (CHINA) - 50062**

**DATE: June 28, 2022**



*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 ORGANIC ESSENTIAL OIL (CHINA) - 50062**

Peak	RT (min)	Compound	%
1	5.51	BUTANAL, 2-METHYL-	0.07
2	7.22	$\alpha$ -PINENE	2.18
3	7.28	$\alpha$ -THUYENE	0.97
4	9.64	$\beta$ -PINENE	0.70
5	10.16	SABINENE	0.60
6	12.06	$\beta$ -MYRCENE	0.84
7	12.17	$\alpha$ -PHELLANDRENE	0.64
8	12.32	psi-LIMONENE	0.01
9	12.97	$\alpha$ -TERPINENE	9.25
10	13.93	LIMONENE	0.77
11	14.48	1,8-CINEOLE	1.81
12	14.50	$\beta$ -PHELLANDRENE	1.12
13	16.80	$\gamma$ -TERPINENE	19.19
14	17.06	trans- $\beta$ -OCIMENE	0.04
15	18.02	p-CYMENE	1.56
16	18.92	TERPINOLENE	3.36
17	21.06	3-HEXEN-1-OL ACETATE	0.02
18	23.57	1-HEXANOL	0.02
19	25.45	3-HEXEN-1-OL	0.19
20	28.32	AROMATIC COMPOUND	0.01
21	29.18	$\alpha$ ,p-DIMETHYLSTYRENE	0.04
22	31.14	SESQUITERPENE	0.09
23	31.33	trans-THUYANOL	0.03
24	31.68	$\alpha$ -CUBEBENE	0.08
25	32.45	TERPENIC COMPOUND	0.04
26	32.75	SESQUITERPENE	0.08
27	33.37	$\alpha$ -COPAENE	0.18
28	35.36	SESQUITERPENE	0.04
29	35.60	$\alpha$ -GURJUNENE	0.48
30	36.32	SESQUITERPENE	0.05

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**GCMS ANALYSIS (cont'd.)**

**PRODUCT NAME: TEA TREE ORGANIC ESSENTIAL OIL (CHINA) - 50062**

Peak	RT (min)	Compound	%
31	36.54	SESQUITERPENE	0.01
32	36.82	cis-THUYANOL	0.07
33	36.85	LINALOOL	0.07
34	37.66	trans-p-MENTH-2-EN-1-OL	0.36
35	38.10	SESQUITERPENE	0.02
36	38.55	SESQUITERPENE	0.04
37	39.53	$\beta$ -CUBEBENE	0.02
38	39.73	$\beta$ -ELEMENE	0.07
39	39.90	$\beta$ -CARYOPHYLLENE	0.46
40	40.46	TERPINENE-4-OL	39.43
41	40.76	SESQUITERPENE	0.26
42	40.96	AROMADENDRENE	1.20
43	41.08	SESQUITERPENE	0.08
44	41.21	COPACAMPHENE	0.19
45	41.78	cis-p-MENTH-2-EN-1-OL	0.29
46	42.12	CADINA-3,5-DIENE	0.19
47	42.67	SESQUITERPENE	0.02
48	42.86	ALLO-AROMADENDRENE	0.66
49	43.42	$\gamma$ -GURJUNENE	0.06
50	43.82	ZONARENE	0.46
51	44.24	$\alpha$ -HUMULENE	0.12
52	44.77	cis-PIPERITOL	0.11
53	45.28	$\gamma$ -SELINENE	0.05
54	45.50	LAVANDULAL	0.05
55	45.72	$\gamma$ -MUUROLENE	0.15
56	45.81	CALARENE ISOMER	0.12
57	46.08	$\alpha$ -TERPINEOL	4.21
58		LEDENE	
59	46.52	SESQUITERPENE	0.05
60	47.12	GERMACRENE D	0.12

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**GCMS ANALYSIS (cont'd.)**

**PRODUCT NAME: TEA TREE ORGANIC ESSENTIAL OIL (CHINA) - 50062**

Peak	RT (min)	Compound	%
61	47.27	β-SELINENE	0.14
62	47.68	α-SELINENE	0.12
63	47.81	α-MUUROLENE	0.21
64	48.18	BICYCLOGERMACRENE	1.30
65	48.36	SESQUITERPENE	0.03
66	48.81	trans-PIPERITOL	0.13
67	49.46	γ-CADINENE	0.35
68	49.58	δ-CADINENE	1.79
69	49.99	SESQUITERPENE Mw=202	0.02
70	50.47	SESQUITERPENE Mw=202	0.01
71	51.11	CADINA-1,4-DIENE	0.30
72	51.95	NEROL	0.02
73	52.20	TERPENIC ALCOHOL	0.01
74	53.32	SESQUITERPENE	0.03
75	53.82	CALAMENENE	0.10
76	54.50	p-CYMENE-8-OL	0.03
77	54.64	GERANIOL	0.02
78	58.28	α-CALACORENE	0.01
79	59.43	PALUSTROL	0.05
80	62.92	MAALIOL	0.05
81	63.21	SESQUITERPENOL	0.02
82	63.38	Epi-GLOBULOL	0.06
83	63.81	METHYLEUGENOL	0.09
84	64.63	LEDOL	0.06
85	64.85	GLEENOL ISOMER	0.04
86	65.94	GLEENOL	0.15
87	65.96	Epi-CUBENOL	0.12
88	66.35	CUBENOL	0.24
89	66.95	GLOBULOL	0.37
90	67.11	SESQUITERPENOL	0.01

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**GCMS ANALYSIS (cont'd.)**

**PRODUCT NAME: TEA TREE ORGANIC ESSENTIAL OIL (CHINA) – 50062**

Peak	RT (min)	Compound	%
91	67.32	VIRIDIFLOROL	0.21
92	67.35	cis-1,2-DIHYDROXY-p-MENTH-2-ENE	0.04
93	68.37	10-epi- $\gamma$ -EUDESMOL	0.09
94	68.87	ROSIFOLIOL	0.14
95	69.33	SPATHULENOL	0.08
96	70.42	trans-1,2-DIHYDROXY-p-MENTH-2-ENE	0.03
97	71.25	SORBIC ACID	0.03
98	72.37	$\alpha$ -MUUROLOL	0.03
99	72.89	$\delta$ -CADINOL	0.05
100	73.14	SESQUITERPENOL	0.02
101	74.16	$\alpha$ -NOOTKATOL	0.05
102	75.42	EUDESM-7(11)-EN-4-OL	0.01
		TOTAL	100.00

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