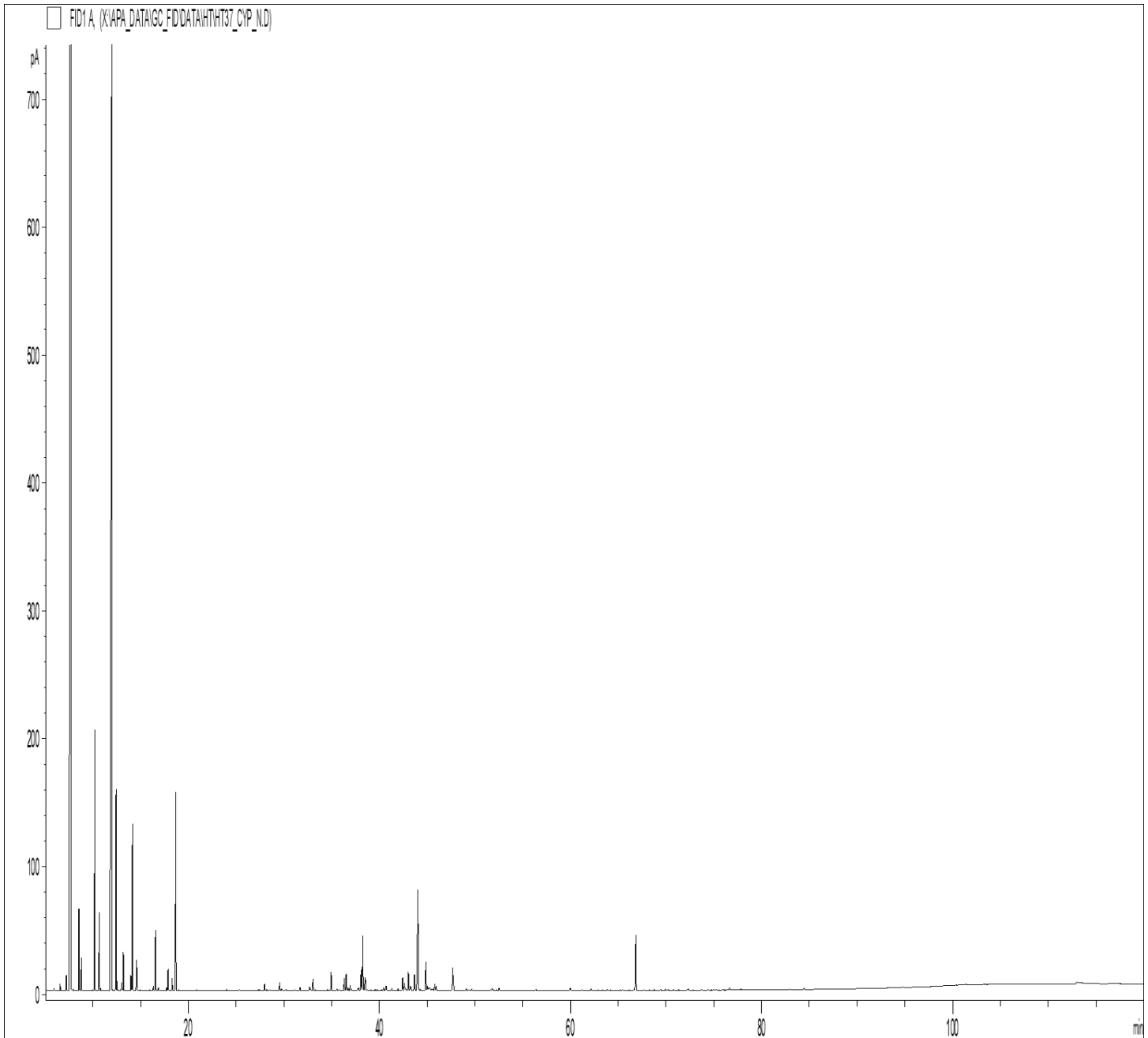


**GCMS ANALYSIS**

**PRODUCT NAME: CYPRESS ORGANIC ESSENTIAL OIL - 50068**

**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: CYPRESS ORGANIC ESSENTIAL OIL - 50068**

Peak	RT (min)	Compound	%
1	5.95	TERPENE ISOMER	0.02
2	6.59	BORNYLENE	0.06
3	7.23	TRICYCLENE	0.18
4	7.70	$\alpha$ -PINENE	52.46
5		$\alpha$ -THUYENE	
6	8.55	$\alpha$ -FENCHENE	0.71
7	8.80	CAMPHENE	0.29
8	10.21	$\beta$ -PINENE	2.89
9	10.67	SABINENE	0.82
10	10.81	PINADIENE	0.03
11	11.98	$\delta$ 3-CARENE	22.51
12	12.44	$\beta$ -MYRCENE	2.29
13	12.56	$\alpha$ -PHELLANDRENE	0.08
14	12.65	psi-LIMONENE	0.01
15	13.02	o-CYMENE	0.09
16	13.21	$\alpha$ -TERPINENE	0.43
17	13.99	ISOSYLVESTRENE	0.19
18	14.16	LIMONENE	2.07
19	14.60	1,8-CINEOLE	0.40
20		beta-PHELLANDRENE	
21	15.96	cis-beta-OCIMENE	0.01
22	16.35	TERPENE ISOMER	0.06
23	16.57	$\gamma$ -TERPINENE	0.77
24	16.88	trans- $\beta$ -OCIMENE	0.04
25	17.73	m-CYMENE	0.04
26	17.88	p-CYMENE	0.28
27	18.32	ISOTERPINOLENE	0.17
28	18.69	TERPINOLENE	3.08
29	23.99	$\alpha$ -PINENE OXIDE	0.01
30	25.35	MENTHATRIENIC COMPOUND	0.02

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

**PRODUCT NAME: CYPRESS ORGANIC ESSENTIAL OIL – 50068**

Peak	RT (min)	Compound	%
31	27.42	DIMETHYLSTYRENE ISOMER	0.01
32	27.97	$\alpha$ , $p$ -DIMETHYLSTYRENE	0.10
33	28.18	MENTHATRIENIC COMPOUND	0.01
34	28.53	LIMONENE trans-1,2-EPOXIDE	0.01
35	29.54	$\alpha$ -CUBEBENE	0.13
36	29.76	4,8-TERPINOLENE EPOXIDE	0.03
37	30.20	SESQUITERPENE	0.02
38	31.11	YLANGENE	0.02
39	31.69	$\alpha$ -COPAENE	0.05
40	32.69	CAMPHOR	0.07
41	32.79	PINOCAMPHONE	0.01
42	33.04	KARAHANAENONE	0.19
43	33.29	SESQUITERPENE	0.01
44	33.78	TERPENIC COMPOUND	0.01
45	34.56	$\beta$ 1-CUBEBENE	0.02
46	34.94	LINALOOL	0.28
47	35.55	LINALYL ACETATE	0.03
48	35.79	trans- $p$ -MENTH-2-EN-1-OL	0.02
49	36.31	$\alpha$ -CEDRENE	0.20
50	36.52	$\beta$ -FUNEBRENE	0.29
51	36.72	epsilon-CADINENE	0.05
52	36.94	BORNYL ACETATE	0.08
53	37.72	$\beta$ -ELEMENE	0.02
54	37.82	$\beta$ -CUBEBENE	0.06
55	38.09	$\beta$ -CARYOPHYLLENE	0.36
56		$\beta$ -CEDRENE	
57	38.26	TERPINENE-4-OL	0.86
58	38.52	METHYL CARVACROL ETHER	0.30
59		TERPINEN-4-YL ACETATE	
60	38.73	SESQUITERPENE	0.02

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

**PRODUCT NAME: CYPRESS ORGANIC ESSENTIAL OIL – 50068**

Peak	RT (min)	Compound	%
61	39.13	TERPENIC COMPOUND	0.02
62	39.52	THUYOPSENE	0.02
63	39.67	MYRTENAL	0.01
64	39.78	cis-p-MENTH-2-EN-1-OL	0.01
65	40.25	SESQUITERPENE	0.02
66	40.45	UMBELLULONE	0.05
67	40.69	CADINA-3,5-DIENE	0.09
68	41.29	trans-PINOCARVEOL	0.04
69	41.96	ZONARENE	0.03
70	42.44	$\alpha$ -HUMULENE	0.23
71	42.62	cis-4,5-MUUROLADIENE	0.16
72	43.04	TERPENYL FORMATE	0.32
73	43.27	TERPENIC ESTER	0.10
74	43.67	$\gamma$ -MUUROLENE	0.29
75	44.03	TERPENYL ACETATE	2.11
76		$\alpha$ -TERPINEOL	
77	44.28	VERBENONE	0.03
78	44.87	GERMACRENE D	0.54
79	45.05	CADINENE ISOMER	0.07
80	45.15	MUUROLENE ISOMER	0.04
81	45.24	SESQUITERPENE	0.05
82	45.31	SESQUITERPENE	0.02
83	45.51	SESQUITERPENE	0.03
84	45.63	p-MENTHA-1(7),2-DIEN-8-OL	0.02
85	45.80	$\alpha$ -MUUROLENE	0.11
86	45.95	SESQUITERPENE	0.07
87	46.78	$\beta$ -CURCUMENE	0.02
88	47.68	$\delta$ -CADINENE	0.40
89	47.73	$\gamma$ -CADINENE	0.10
90	49.10	CADINA-1,4-DIENE	0.03

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

**PRODUCT NAME: CYPRESS ORGANIC ESSENTIAL OIL - 50068**

Peak	RT (min)	Compound	%
91	49.36	MYRTENOL	0.02
92	49.68	$\alpha$ -AMORPHENE	0.02
93	51.25	trans-ANETHOL	0.01
94	51.61	4-ETHYL-GUAIACOL	0.02
95	51.80	cis-CALAMENENE	0.04
96	51.91	trans-CALAMENENE	0.01
97	52.27	m-CYMENE-8-OL	0.01
98	52.53	p-CYMENE-8-OL	0.05
99	56.42	$\alpha$ -CALACORENE	0.02
100	59.98	CARYOPHYLENE OXIDE	0.05
101	62.17	DECADIENYL ISOVALERATE	0.03
102	63.89	Epi-CUBENOL	0.02
103	66.18	AROMATIC COMPOUND	0.01
104	66.66	SESQUITERPENOL	0.02
105	66.84	CEDROL	1.02
106	67.71	SESQUITERPENOL	0.02
107	68.76	CEDROL ISOMER	0.01
108	69.46	T-CADINOL	0.01
109	69.96	THYMOL	0.02
110	70.23	$\alpha$ -MUUROLOL	0.01
111	72.22	SESQUITERPENOL	0.01
112	72.34	$\alpha$ -CADINOL	0.03
113	73.73	DITERPENE	0.01
114	76.66	SANDARACOPIMARADIENE	0.05
115	77.88	MANOYL OXIDE	0.02
116	82.93	DITERPENE	0.02
117	84.45	ABIETATRIENE	0.02
118	94.79	TERPENIC COMPOUND	0.02
		TOTAL	99.91

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