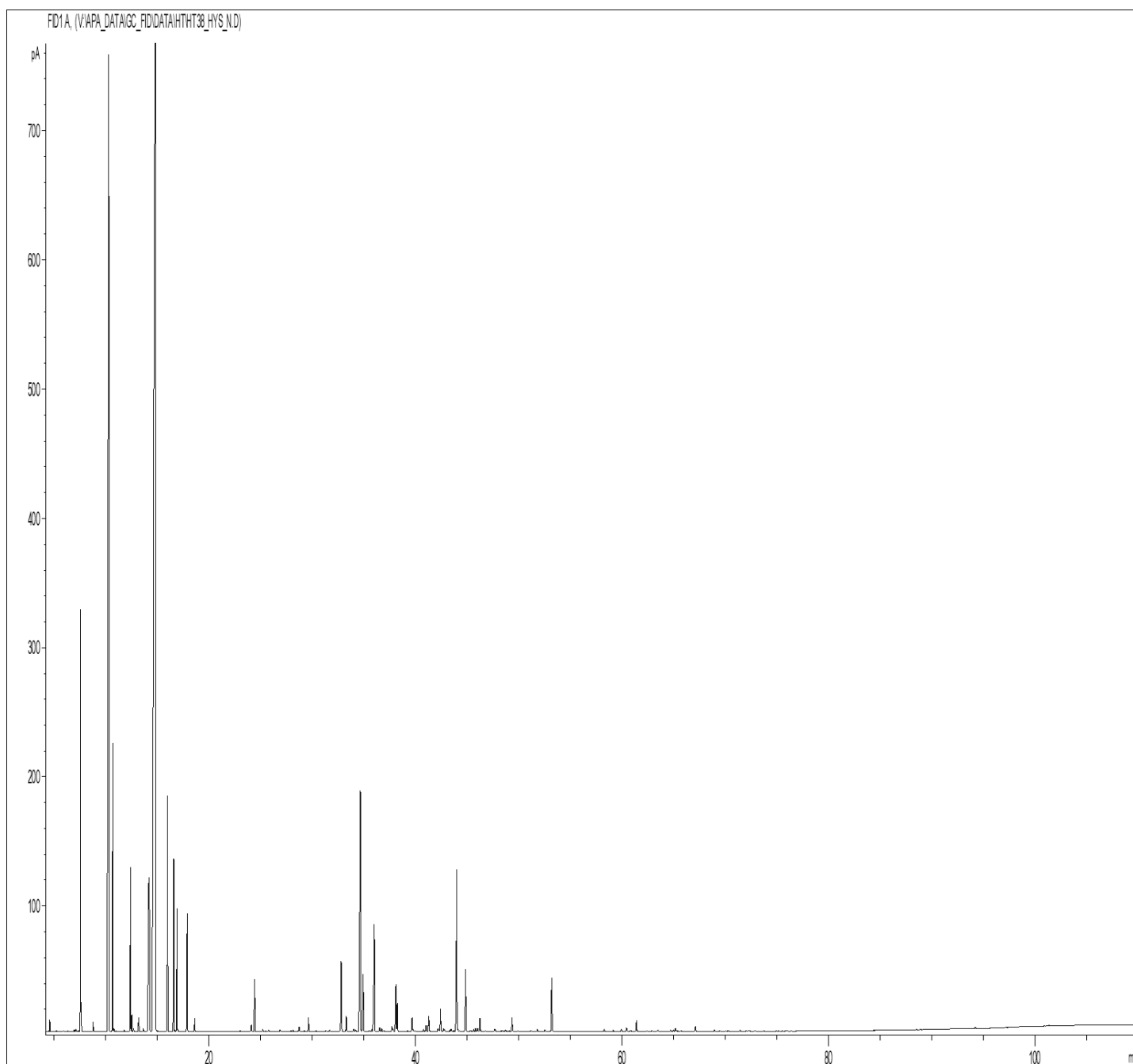


GCMS ANALYSIS

PRODUCT NAME: HYSSOP ORGANIC ESSENTIAL OIL – 50029

DATE: June 29, 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: HYSSOP ORGANIC ESSENTIAL OIL - 50029

Peak	RT (min)	Compound	%
1	4.58	ACETONE	0.07
2	6.95	ALIPHATIC COMPOUND	0.01
3	7.11	METHYL 2-METHYLBUTYRATE	0.02
4	7.57	α -PINENE	3.53
5	7.64	α -THUYENE	0.18
6	8.79	CAMPHENE	0.09
7	10.29	β -PINENE	15.86
8	10.70	SABINENE	2.75
9	10.81	PINADIENE	0.03
10	11.02	THUYA-2,4-DIENE	0.01
11	11.82	δ 3-CARENE	0.02
12	12.43	β -MYRCENE	1.87
13	12.55	α -PHELLANDRENE	0.17
14	12.72	psi-LIMONENE	0.04
15	13.21	α -TERPINENE	0.19
16	13.66	1,8-CINEOLE, 2,3-DEHYDRO-	0.05
17	14.22	LIMONENE	4.31
18	14.86	1,8-CINEOLE	45.31
19	15.03	1,3,8-p-MENTHATRIENE	0.01
20	16.03	cis- β -OCIMENE	2.94
21	16.62	γ -TERPINENE	2.08
22	16.75	TERPENIC COMPOUND	0.01
23	16.93	trans- β -OCIMENE	1.38
24	17.02	3-OCTANONE	0.02
25	17.91	p-CYMENE	1.37
26	18.64	TERPINOLENE	0.15
27	23.06	TERPENIC OXIDE	0.01
28	24.12	ALLO-OCIMENE	0.08
29	24.45	MYRTENYL METHYL ETHER	0.70
30	25.23	3-OCTANOL	0.03

Disclaimer & Caution

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: HYSSOP ORGANIC ESSENTIAL OIL - 50029

Peak	RT (min)	Compound	%
31	25.81	ROSEFURAN	0.02
32	26.90	PERILLENE	0.02
33	26.93	α -THUYONE	0.01
34	27.97	α ,p-DIMETHYLSTYRENE	0.01
35	28.18	β -THUYONE	0.02
36	28.75	1-OCTEN-3-OL	0.07
37	29.25	LIMONENE cis-1,2-EPOXIDE	0.01
38	29.67	trans-THUYANOL	0.19
39	30.39	cis-3-HEXENYL ISOVALERATE	0.01
40	31.36	cis-3-HEXENYL VALERATE	0.01
41	31.70	α -COPAENE	0.02
42	32.83	PINOCAMPHONE	1.06
43	33.33	β -BOURBONENE	0.23
44	34.05	α -GURJUNENE	0.04
45	34.24	AROMATIC COMPOUND	0.02
46	34.68	ISOPINOCAMPHONE	4.40
47	34.87	β 1-CUBEBENE	0.03
48	34.95	LINALOOL	0.75
49	35.80	trans-p-MENTH-2-EN-1-OL	0.02
50	36.01	PINOCARVONE	1.60
51	36.53	NOPINONE	0.06
52	36.72	epsilon-CADINENE	0.04
53	36.94	BORNYL ACETATE	0.02
54	37.72	β -ELEMENE	0.07
55	37.82	β -CUBEBENE	0.03
56	38.10	β -CARYOPHYLLENE	0.73
57	38.25	TERPINENE-4-OL	0.39
58	39.25	METHYL BENZOATE	0.01
59	39.67	MYRTENAL	0.22
60	39.75	SABINAKETONE	0.02

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: HYSSOP ORGANIC ESSENTIAL OIL - 50029

Peak	RT (min)	Compound	%
61	39.85	TERPENIC COMPOUND	0.01
62	40.77	SESQUITERPENE	0.03
63	41.02	ALLO-AROMADENDRENE	0.09
64	41.29	trans-PINOCARVEOL	0.23
65	42.18	CRYPTONE	0.04
66	42.28	cis-VERBENOL	0.03
67	42.43	δ-TERPINEOL	0.34
68	42.73	trans-VERBENOL	0.04
69	42.82	cis-4,5-MUROLADIENE	0.03
70	43.32	LAVANDULAL	0.02
71	43.46	MYRTENYL ACETATE	0.05
72	44.00	α-TERPINEOL	2.49
73	44.10	BORNEOL	0.03
74	44.28	VERBENONE	0.01
75	44.86	GERMACRENE D	1.00
76	45.62	trans-DIHYDROCARVEOL	0.03
77	45.81	NERYL ACETATE	0.04
78	46.02	CARVONE	0.06
79	46.25	BICYCLOGERMACRENE	0.20
80	46.77	trans-ISOPIPERITENOL	0.02
81	47.67	δ-CADINENE	0.04
82	47.75	γ-CADINENE	0.02
83	48.29	METHYL SALICYLATE	0.01
84	48.45	FARNESENE ISOMER	0.02
85	48.71	CUMINAL	0.02
86	49.35	MYRTENOL	0.21
87	49.92	MYRTENOL ISOMER	0.01
88	51.19	3,5,7-OCTATRIENE-2-OL, E,E-2,6-DIMETHYL-	0.02
89	51.80	trans-CARVEOL	0.03
90	52.54	p-CYMENE-8-OL	0.03

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: HYSSOP ORGANIC ESSENTIAL OIL - 50029

Peak	RT (min)	Compound	%
91	53.20	cis-CARVEOL	0.79
92	58.27	ALIPHATIC ESTER	0.03
93	59.17	TERPENIC OXIDE	0.02
94	59.94	CARYOPHYLLENE OXIDE	0.04
95	60.45	LIMONENE-10-OL	0.06
96	60.87	PERILLYL ALCOHOL	0.02
97	61.40	METHYLEUGENOL	0.16
98	63.48	GERMACRENE D-4-OL	0.02
99	64.72	GLOBULOL	0.02
100	64.97	ELEMOL	0.02
101	65.17	VIRIDIFLOROL	0.05
102	65.72	CUMINOL	0.01
103	67.12	SPATHULENOL	0.08
104	68.95	EUGENOL	0.01
105	70.27	SESQUITERPENOL	0.02
106	71.44	E,E,E- α -SPRINGENE	0.01
107	72.05	α -NOOTKATOL	0.01
108	72.34	α -CADINOL	0.01
109	94.23	AROMATIC ESTER	0.03
110	101.38	ALIPHATIC ESTER	0.01
		TOTAL	100.00

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