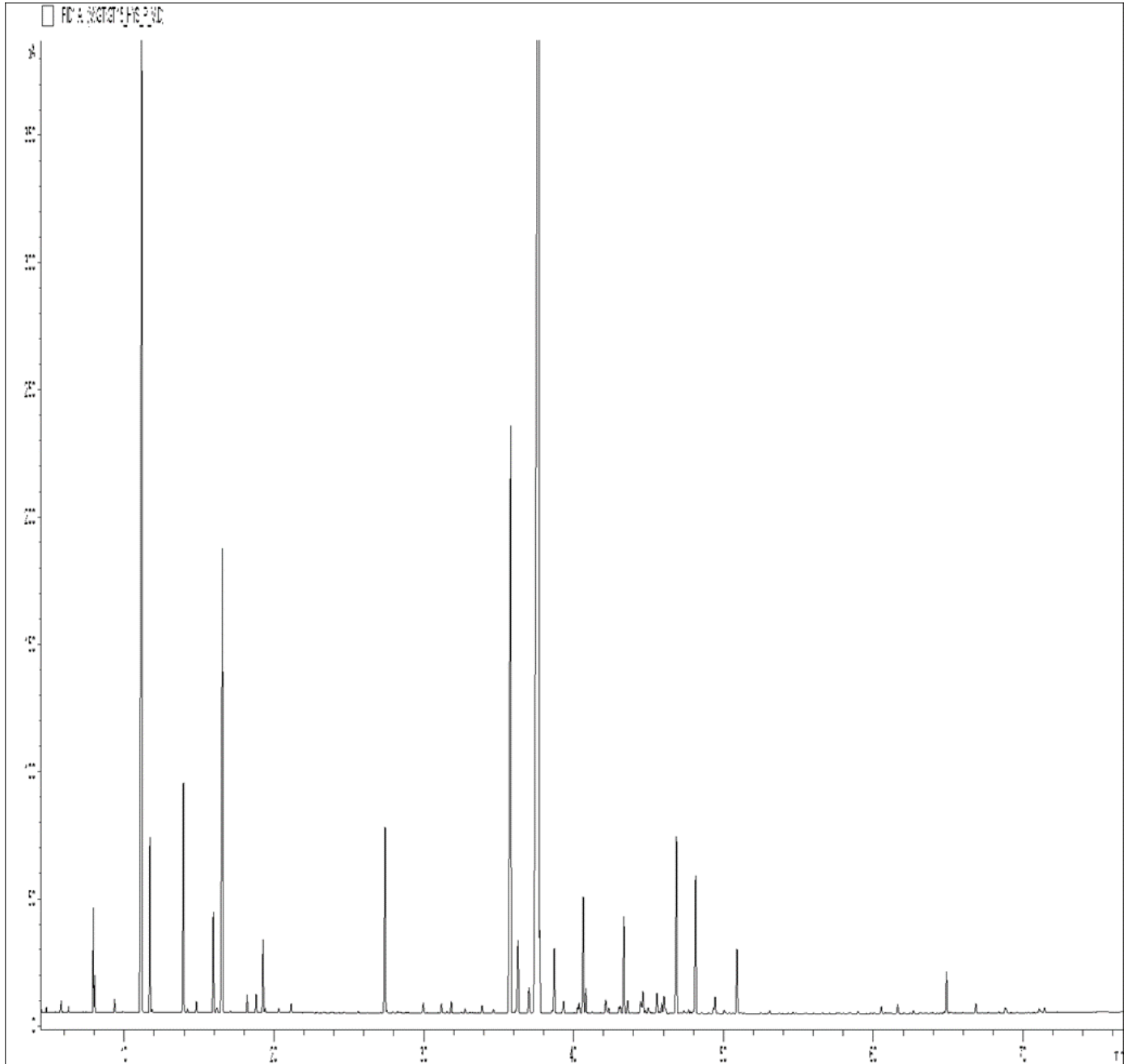


GCMS ANALYSIS

PRODUCT NAME: HYSSOP ESSENTIAL OIL - 11070

DATE: September 14,2023



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 ESSENTIAL OIL - 11070

Peak	RT (min)	Compound	%
1	4,80	ACETONE	0,03
2	5,74	2-METHYLBUTANAL	0,05
3	5,79	ISOVALERALDEHYDE	0,07
4	6,28	FURAN,2-ETHYL-	0,04
5	7,93	alpha-PINENE	0,82
6	8,02	alpha-THUYENE	0,29
7	9,36	CAMPHENE	0,13
8	9,93	ALIPHATIC ALCOHOL	0,02
9	11,17	beta-PINENE	13,94
10	11,72	SABINENE	1,69
11	11,86	PINADIENE	0,03
12	13,95	beta-MYRCENE	2,39
13	14,00	alpha-PHELLANDRENE	0,03
14	14,22	psi-LIMONENE	0,04
15	14,82	alpha-TERPINENE	0,12
16	15,95	LIMONENE	1,11
17	16,20	ISOAMYLIC ALCOHOL	0,09
18	16,56	beta-PHELLANDRENE	6,24
19	17,09	2-HEXENAL	0,02
20	18,20	cis-beta-OCIMENE	0,19
21	18,81	gamma-TERPINENE	0,21
22	19,26	trans-beta-OCIMENE	0,78
23	19,42	3-OCTANONE	0,05
24	20,32	p-CYMENE	0,05
25	21,14	TERPINOLENE	0,10
26	25,61	1-HEXANOL	0,02
27	27,41	MYRTENYL METHYL ETHER	2,36
28	27,52	COMPOUND Mw=166	0,03
29	28,24	MENTHATRIENE ISOMER	0,02
30	29,96	alpha-THUYONE	0,14

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: HYSSOP ESSENTIAL OIL - 11070

Peak	RT (min)	Compound	%
31	31,17	beta-THUYONE	0,12
32	31,56	alpha-p-DIMETHYLSTYRENE	0,02
33	31,83	1-OCTEN-3-OL	0,13
34	32,75	trans-THUYANOL	0,06
35	33,89	BICYCLOELEMENE	0,10
36	34,64	alpha-COPAENE	0,06
37	35,79	PINOCAMPHONE	10,36
38	36,28	beta-BOURBONENE	1,15
39	37,01	alpha-GURJUNENE	0,39
40	37,67	ISOPINOCAMPHONE	41,80
41	37,73	LINALOOL	0,69
42	38,56	trans-p-MENTH-2-EN-1-OL	0,04
43	38,70	PINOCARVONE	0,84
44	39,33	epsilon-CADINENE	0,19
45	39,71	SESQUITERPENE	0,02
46	40,27	beta-ELEMENE	0,07
47	40,37	beta-CUBEBENE	0,14
48	40,64	beta-CARYOPHYLLENE	1,51
49	40,81	TERPINENE-4-OL	0,32
50	41,22	AROMADENDRENE	0,03
51	41,76	SESQUITERPENE	0,02
52	42,13	MYRTENAL	0,22
53	42,33	GURJUNENE ISOMER	0,07
54	43,02	CADINA-3,5-DIENE	0,08
55	43,11	GERMACRENE A	0,10
56	43,35	ALLO-AROMADENDRENE	1,28
57	43,60	trans-PINOCARVEOL	0,17
58	44,46	ESTRAGOLE	0,21
59	42,72	E-beta-FARNESENE	0,02
60	44,62	alpha-HUMULENE	0,33

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: HYSSOP ESSENTIAL OIL - 11070

Peak	RT (min)	Compound	%
61	44,79	cis-4,5-MUUROLADIENE	0,05
62	44,97	SESQUITERPENE	0,08
63	45,05	CARVOTANACETONE	0,04
64	45,55	MYRTENYL ACETATE	0,31
65	45,71	SESQUITERPENE	0,03
66	45,88	TERPENIC COMPOUND	0,14
67	46,03	alpha-TERPINEOL	0,23
68	46,14	LEDENE	0,07
69	46,86	GERMACRENE D	2,48
70	47,14	MUUROLENE ISOMER	0,02
71	47,36	SESQUITERPENE	0,04
72	47,45	NERYL ACETATE	0,03
73	47,67	beta-BISABOLENE	0,05
74	47,81	GERANIAL	0,03
75	47,97	trans-PIPERITOL	0,03
76	48,14	BICYCLOGERMACRENE	1,89
77	48,54	SESQUITERPENE	0,02
78	49,33	delta-CADINENE	0,08
79	49,44	gamma-CADINENE	0,22
80	50,05	beta-SESQUIPELLANDRENE	0,05
81	50,15	AROMATIC COMPOUND	0,02
82	50,38	CUMINAL	0,02
83	50,90	MYRTENOL	0,89
84	51,17	alpha-AMORPHENE	0,02
85	52,49	beta-DAMASCENONE	0,02
86	53,09	CALAMENENE	0,05
87	54,64	ALIPHATIC ESTER	0,02
88	58,47	cis-JASMONE	0,02
89	58,97	JASMINE LACTONE	0,04
90	60,10	ISOCARYOPHYLLENE EPOXIDE	0,01

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: HYSSOP ESSENTIAL OIL - 11070

Peak	RT (min)	Compound	%
91	60,53	CARYOPHYLLENE EPOXIDE	0,10
92	60,78	LIMONENE-10-OL	0,02
93	61,63	METHYLEUGENOL	0,13
94	62,68	LEDOL	0,04
95	63,11	EPOXY-6,7-HUMULENE	0,02
96	63,95	epi-CUBENOL	0,01
97	64,73	CUBENOL	0,02
98	64,89	ELEMOL	0,55
99	65,11	METHYL ANISATE	0,01
100	66,84	SPATHULENOL	0,14
101	67,26	TRIMETHYL PENTADECANONE	0,01
102	67,70	SESQUITERPENOL	0,01
103	68,37	EUGENOL	0,02
104	68,79	gamma-EUDESOL	0,08
105	68,87	T-CADINOL	0,06
106	69,59	4-VINYL GUAIACOL	0,02
107	71,07	alpha-EUDESOL	0,06
108	71,19	SESQUITERPENOL	0,02
109	71,43	beta-EUDESOL	0,08
110	72,29	EUDESMA-7(11)-EN-4-OL	0,01
111	72,55	MYRISTICIN	0,01
		TOTAL	100,00

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