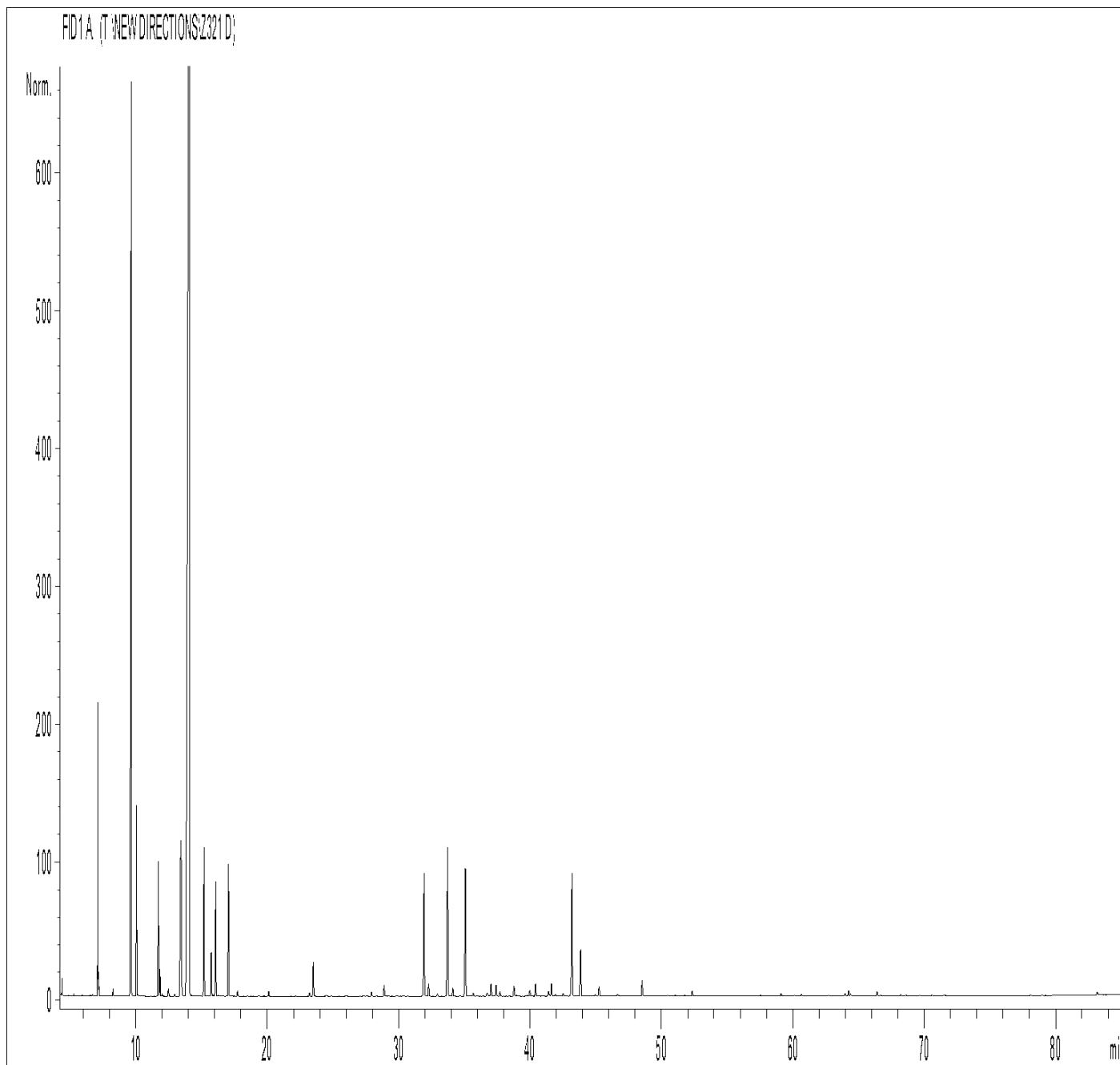


GCMS ANALYSIS

PRODUCT NAME: HYSSOP ORGANIC ESSENTIAL OIL - 50029

DATE: September 6, 2019



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	4,38	ACETONE	0,10
2	5,27	ISOVALERALDEHYDE	0,01
3	6,71	METHYL 2-METHYLBUTYRATE	0,01
4	7,11	alpha-PINENE	2,54
5	7,17	alpha-THUYENE	0,20
6	8,25	CAMPHENE	0,08
7	9,64	beta-PINENE	14,11
8	10,05	SABINENE	2,06
9	10,16	PINADIENE	0,02
10	11,72	beta-MYRCENE	1,72
11	11,83	alpha-PHELLANDRENE	0,32
12	11,99	psi-LIMONENE	0,03
13	12,47	alpha-TERPINENE	0,12
14	12,95	1,8-CINEOLE, 2,3-DEHYDRO-	0,04
15	13,43	LIMONENE	4,19
16	14,09	1,8-CINEOLE	52,60
17	14,21	cis-ARBUSCULON	0,02
18	15,19	cis-beta-OCIMENE	2,01
19	15,73	gamma-TERPINENE	0,59
20	15,89	MENTHATRIENE ISOMER	0,02
21	16,08	trans-beta-OCIMENE	1,54
22	16,25	3-OCTANONE	0,02
23	17,05	p-CYMENE	1,88
24	17,74	TERPINOLENE	0,08
25	20,12	GEIJERENE	0,08
26	22,18	alpha-PINENE OXIDE	0,01
27	23,21	ALLO-OCIMENE	0,06
28	23,51	MYRTENYL METHYL ETHER	0,56
29	24,46	3-OCTANOL	0,02
30	24,88	ANISALDEHYDE, TRIMETHYL-	0,01

Disclaimer & Caution

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: HYSSOP ORGANIC ESSENTIAL OIL - 50029

Peak	RT (min)	Compound	%
31	25,95	alpha-THUYONE	0,02
32	27,30	alpha-p-DIMETHYLSTYRENE	0,02
33	27,94	1-OCTEN-3-OL	0,07
34	28,90	trans-THUYANOL	0,19
35	29,82	LIMONENE trans-1,2-EPOXIDE	0,01
36	30,69	alpha-COPAENE	0,02
37	31,82	CAMPHOR	0,01
38	31,94	alpha-PINOCAMPHONE	2,29
39	32,29	beta-BOURBONENE	0,24
40	32,95	alpha-GURJUNENE	0,05
41	33,74	beta-PINOCAMPHONE	2,83
42	34,09	cis-THUYANOL	0,04
43	34,13	LINALOOL	0,11
44	35,09	PINOCARVONE	2,39
45	35,29	GEIJERENE ISOMER	0,02
46	35,46	NOPINONE	0,01
47	35,68	epsilon-CADINENE	0,07
48	36,00	BORNYL ACETATE	0,01
49	36,73	beta-CUBEBENE	0,06
50	36,77	beta-ELEMENE	0,03
51	37,04	beta-CARYOPHYLLENE	0,25
52	37,41	TERPINENE-4-OL	0,20
53	37,73	AROMADENDRENE	0,09
54	38,78	MYRTENAL	0,20
55	38,97	cis-p-2,8-MENTHADIEN-1-OL	0,03
56	39,75	GERMACRENE A	0,02
57	39,99	ALLO-AROMADENDRENE	0,13
58	40,43	trans-PINOCARVEOL	0,24
59	41,41	CRYPTONE	0,04
60	41,42	alpha-HUMULENE	0,06

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: HYSSOP ORGANIC ESSENTIAL OIL - 50029

Peak	RT (min)	Compound	%
61	41,51	ESTRAGOL	0,03
62	41,63	delta-TERPINEOL	0,23
63	41,79	SESQUITERPENE	0,01
64	41,93	trans-VERBENOL	0,03
65	42,02	cis-PIPERITOL	0,01
66	42,52	MYRTENYL ACETATE	0,06
67	42,80	gamma-MUUROLENE	0,01
68	43,08	TERPENYL ACETATE	0,03
69	43,19	alpha-TERPINEOL	2,20
70	43,51	BORNEOL	0,01
71	43,85	GERMACRENE D	0,93
72	44,53	alpha-ALASKENE	0,01
73	44,84	alpha-MUUROLENE	0,02
74	44,96	NERYL ACETATE	0,04
75	45,25	BICYCLOGERMACRENE	0,19
76	46,00	trans-PIPERITOL	0,01
77	46,65	delta-CADINENE	0,04
78	46,73	gamma-CADINENE	0,02
79	47,49	beta-SESQUIPELLANDRENE	0,02
80	47,89	CUMINAL	0,02
81	48,53	MYRTENOL	0,28
82	48,82	cis-SABINOL	0,01
83	50,47	3,5,7-OCTATRIENE-2-OL, E,E-2,6-DIMETHYL-	0,03
84	51,04	trans-CARVEOL	0,02
85	51,77	p-CYMENE-8-OL	0,03
86	52,34	PERILLYL ACETATE	0,10
87	56,32	PALUSTROL	0,01
88	57,53	gamma-JASMOLACTONE	0,02
89	58,40	ISOCARYOPHYLLENE EPOXIDE	0,01
90	59,10	CARYOPHYLLENE EPOXIDE	0,06

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: HYSSOP ORGANIC ESSENTIAL OIL - 50029

Peak	RT (min)	Compound	%
91	59,67	LIMONENE-10-OL	0,01
92	60,11	PERILLYL ALCOHOL	0,02
93	60,65	METHYLEUGENOL	0,04
94	60,80	LEDOL	0,01
95	61,61	EPOXY-6,7-HUMULENE	0,01
96	62,71	GERMACRENE D-4-OL	0,02
97	63,97	GLOBULOL	0,05
98	64,25	ELEMOL	0,10
99	64,39	VIRIDIFLOROL	0,05
100	64,98	CUMINOL	0,01
101	66,39	SPATHULENOL	0,09
102	68,20	EUGENOL	0,03
103	68,59	gamma-EUDESOL	0,02
104	68,68	T-CADINOL	0,01
105	69,64	COMPOUND Mw=152	0,02
106	70,58	DITERPENE Mw=272	0,02
107	71,51	beta-EUDESOL	0,02
108	71,61	alpha-CADINOL	0,01
109	83,17	LAURIC ACID	0,07
		TOTAL	99,95

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