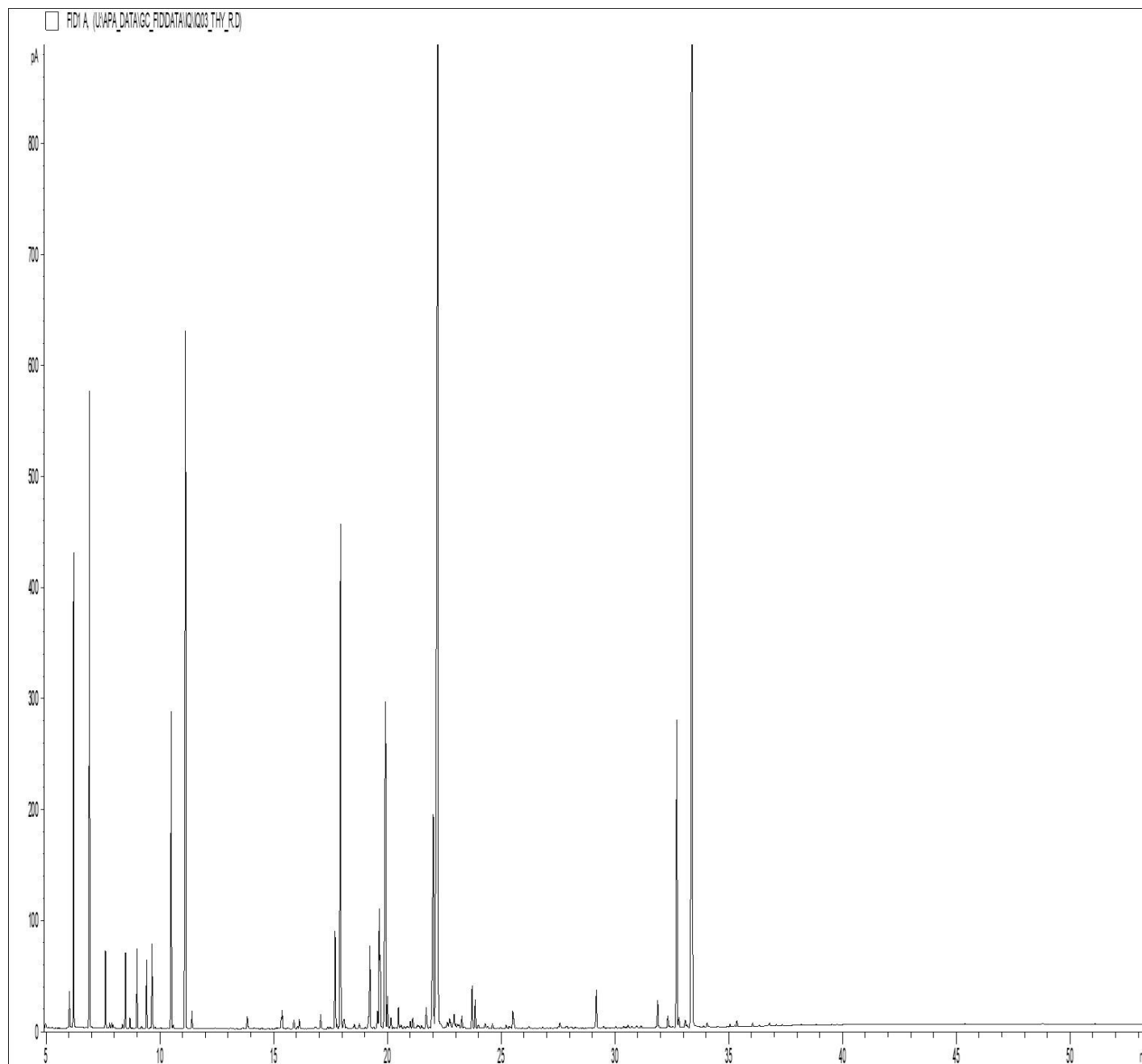


## GCMS ANALYSIS

PRODUCT NAME: THYME ORGANIC ESSENTIAL OIL - 50023

DATE: October 17, 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: THYME ORGANIC ESSENTIAL OIL - 50023

Peak	RT (min)	Compound name	%
1	4,96	BUTANAL, 2-METHYL-	0,02
2	4,99	ISOVALERALDEHYDE	0,03
3	6,02	TRICYCLEN	0,27
4	6,21	<b>alpha-PINENE</b>	<b>3,68</b>
5		alpha-THUYENE	
6	6,91	<b>CAMPHE</b>	<b>5,20</b>
7	7,00	HEXANAL	0,01
8	7,61	beta-PINENE	0,61
9	7,79	SABINENE	0,05
10	7,89	PINADIENE	0,05
11	7,95	THUYA-2,4-DIENE	0,02
12	8,35	delta3-CARENE	0,03
13	8,49	beta-MYRCENE	0,60
14	8,68	alpha-PHELLANDRENE	0,08
15	8,99	alpha-TERPINENE	0,65
16	9,19	1,8-CINEOLE, 2,3-DEHYDRO-	0,02
17	9,42	LIMONENE	0,58
18	9,58	cis-ARBUSCULON	0,01
19	9,65	1,8-CINEOLE	0,85
20		beta-PHELLANDRENE	
21	9,79	1,3,8-p-MENTHATRIENE	0,02
22	10,06	FURAN, 2-PENTYL-	0,01
23	10,33	cis-beta-OCIMENE	0,01
24	10,50	<b>gamma-TERPINENE</b>	<b>3,06</b>
25	10,59	trans-beta-OCIMENE	0,03
26	11,13	<b>p-CYMENE</b>	<b>8,22</b>
27	11,41	TERPINOLENE	0,15
28	13,63	COMPOUND Mw=152	0,02
29	13,84	3-OCTANOL	0,15
30	14,15	FENCHONE	0,02

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

PRODUCT NAME: THYME ORGANIC ESSENTIAL OIL - 50023

Peak	RT (min)	Compound name	%
31	15,12	DIMETHYLSTYRENE ISOMER	0,01
32	15,20	MENTHATRIENIC COMPOUND	0,01
33	15,33	alpha,p-DIMETHYLSTYRENE	0,10
34	15,35	LINALOOL cis-OXIDE	0,10
35	15,37	1-OCTEN-3-OL	0,10
36	15,89	trans-THUYANOL	0,10
37	16,05	alpha-CUBEBENE	0,03
38	16,13	LINALOOL trans-OXIDE	0,10
39	16,84	YLANGENE	0,04
40	16,94	alpha-CAMPHOLENAL	0,01
41	17,07	alpha-COPAENE	0,16
42	17,37	COMPOUND Mw=152	0,02
43	17,70	CAMPHOR	1,09
44	17,78	beta-BOURBONENE	0,05
45	17,90	alpha-GURJUNENE	0,19
46	17,95	<b>LINALOOL</b>	<b>5,89</b>
47	18,00	COMPOUND Mw=152	0,03
48	18,09	cis-THUYANOL	0,18
49	18,21	1-OCTANOL	0,03
50	18,48	LINALYL ACETATE	0,02
51	18,55	trans-p-MENTH-2-EN-1-OL	0,06
52	18,77	4-CARANONE	0,06
53	19,03	PINOCARVONE	0,02
54	19,18	BORNYL FORMATE	0,12
55	19,24	BORNYL ACETATE	0,91
56	19,40	METHYL THYMOL ETHER	0,02
57	19,57	CAMPHENE HYDRATE	0,19
58	19,65	TERPINENE-4-OL	1,96
59		METHYL CARVACROL ETHER	
60	19,92	<b>beta-CARYOPHYLLENE</b>	<b>4,68</b>

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## GCMS ANALYSIS (cont'd.)

PRODUCT NAME: THYME ORGANIC ESSENTIAL OIL - 50023

Peak	RT (min)	Compound name	%
61	20,01	cis-DIHYDROCARVONE	0,37
62	20,16	AROMADENDRENE	0,14
63	20,50	trans-DIHYDROCARVONE	0,24
64	20,61	cis-p-MENTH-2-EN-1-OL	0,06
65	20,74	COMPOUND Mw=166	0,03
66	20,88	CADINA-3,5-DIENE	0,04
67	20,93	GERMACRENE A	0,02
68	21,01	trans-PINOCARVEOL	0,09
69	21,12	ALLO-AROMADENDRENE	0,12
70	21,33	ISOBORNEOL	0,05
71	21,39	ZONARENE	0,04
72	21,51	cis-VERBENOL	0,05
73	21,72	alpha-HUMULENE	0,27
74	21,80	SESQUITERPENE	0,02
75	21,85	LAVANDULAL	0,02
76	22,02	<b>alpha-TERPINEOL</b>	<b>3,29</b>
77	22,22	<b>BORNEOL</b>	<b>19,22</b>
78	22,28	LEDENE	0,09
79	22,35	SESQUITERPENE	0,10
80	22,64	GERMACRENE D	0,14
81	22,73	CARVENONE	0,12
82	22,78	TERPENIC ESTER	0,08
83	22,89	SESQUITERPENE	0,07
84	22,94	alpha-MUUROLENE	0,18
85	23,01	alpha-SELINENE	0,06
86	23,09	SESQUITERPENE	0,06
87	23,16	CARVONE	0,06
88	23,28	BICYCLOGERMACRENE	0,14
89	23,38	cis-PYRANIC LINALOOL OXIDE	0,04
90	23,73	delta-CADINENE	0,47

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

PRODUCT NAME: THYME ORGANIC ESSENTIAL OIL - 50023

Peak	RT (min)	Compound name	%
91	23,87	gamma-CADINENE	0,32
92	24,00	MENTHADIENOL ISOMER	0,06
93	24,30	CUMINAL	0,05
94	24,35	MYRTENOL	0,03
95	24,41	CADINA-1,4-DIENE	0,03
96	24,62	alpha-AMORPHENE	0,06
97	24,98	trans-SABINOL	0,02
98	25,22	trans-CARVEOL	0,04
99	25,52	CALAMENENE	0,17
100	25,53	p-CYMENE-8-OL	0,13
101	25,95	cis-CARVEOL	0,01
102	26,23	CARVACRYL ACETATE	0,03
103	26,70	TERPENIC ESTER	0,01
104	26,82	EPI-CUBEBOL	0,02
105	27,53	SESQUITERPENIC OXIDE	0,02
106	27,59	alpha-CALACORENE	0,09
107	27,90	PALUSTROL	0,05
108	28,06	SESQUITERPENIC OXIDE	0,02
109	28,10	SESQUITERPENOL	0,02
110	28,26	ALIPHATIC ESTER	0,03
111	29,19	CARYOPHYLLENE OXIDE	0,48
112	29,50	ALIPHATIC COMPOUND	0,04
113	30,04	LEDOL	0,02
114	30,40	epoxy-6,7-HUMULENE	0,02
115	30,57	epi-CUBENOL	0,05
116	30,74	CUBENOL	0,02
117	30,97	TERPENIC KETONE	0,04
118	31,16	CUMINOL	0,03
119	31,88	SPATHULENOL	0,35
120	32,33	ISOTHYMOL	0,14

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

PRODUCT NAME: THYME ORGANIC ESSENTIAL OIL - 50023

Peak	RT (min)	Compound name	%
121	32,40	EUGENOL	0,02
122	32,56	SESQUITERPENOL	0,02
123	32,72	<b>THYMOL</b>	<b>3,57</b>
124	32,82	T-CADINOL	0,12
125	33,09	ISOCARVACROL	0,10
126	33,16	alpha-MUUROLOL	0,03
127	33,39	<b>CARVACROL</b>	<b>26,81</b>
128	33,90	PHENOLIC COMPOUND Mw=150	0,02
129	34,06	alpha-CADINOL	0,06
130	35,06	PHENOLIC COMPOUND Mw=150	0,03
131	35,27	CARYOPHYLLADIENOL ISOMER	0,02
132	35,37	CARYOPHYLLA-2,6-DIEN-5-alpha-OL	0,08
133	36,06	SESQUITERPENIC OXIDE	0,05
134	36,35	SANDARACOPIMARADIENE	0,02
135	36,81	SESQUITERPENIC OXIDE	0,05
136	37,09	MANOYL OXIDE	0,02
137	37,35	PHENOLIC COMPOUND Mw=150	0,02
138	38,19	KETONIC COMPOUND	0,02
		<b>TOTAL</b>	<b>99,80</b>

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