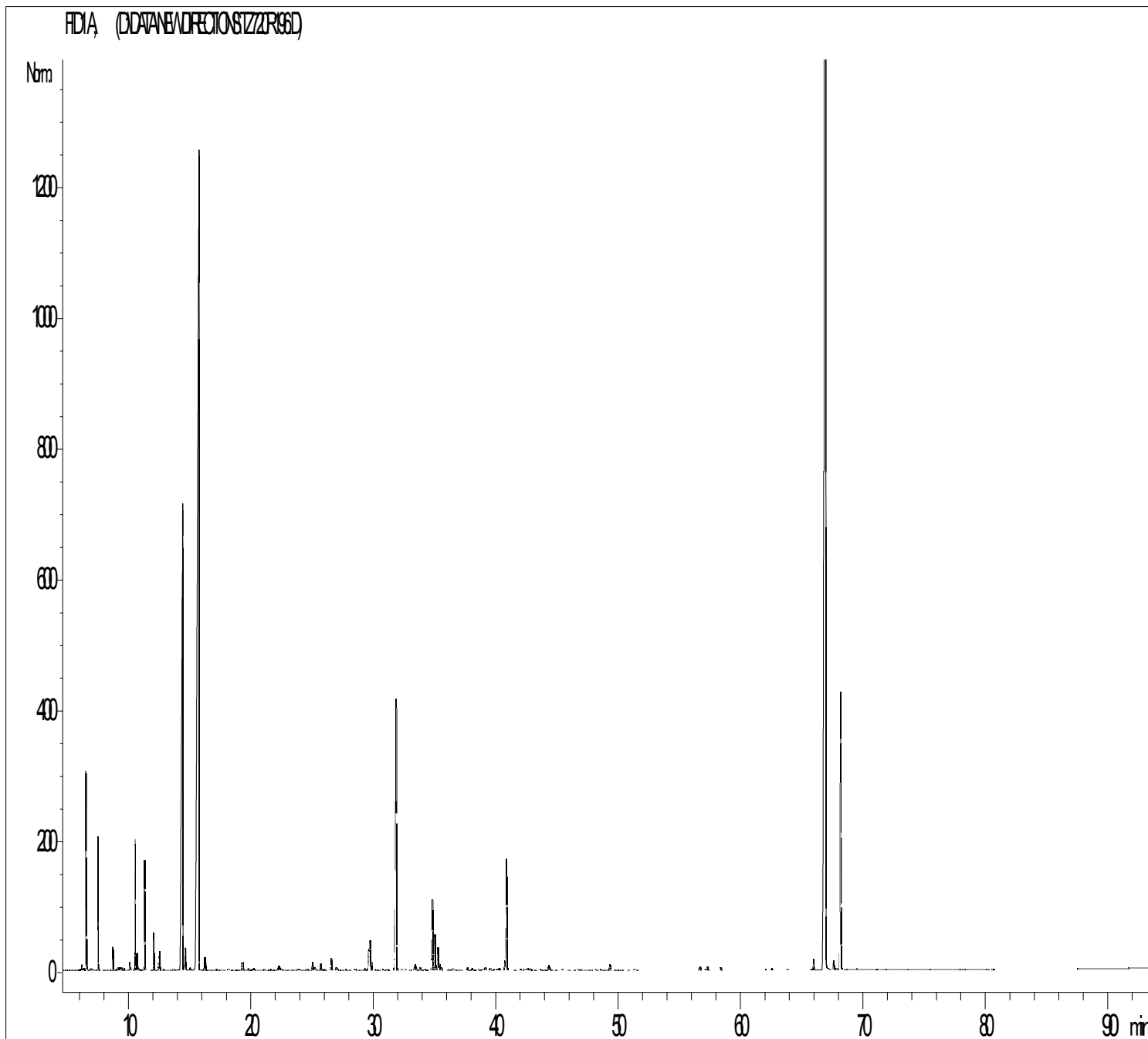


GCMS ANALYSIS

Product Name: Thyme White Essential Oil (Spain)

Date: May 30, 2018



Product Name: Thyme White Essential Oil (Spain) Cont'd
Date: May 30, 2018

Peak	RT (min)	Compound name	%
1	6,1	METHYL 2-METHYLBUTYRATE	0,01
2	6,2	TRICYCLEN	0,04
3	6,3	METHYL ISOVALERATE	0,01
4	6,4	MENTHANE ISOMER	0,01
5	6,5	alpha-PINENE	1,36
6	6,6	alpha-THUYENE	0,58
7	6,8	MENTHANE ISOMER	0,01
8	7,0	3-HEXANONE	0,01
9	7,5	CAMPHENE	0,99
10	8,6	beta-PINENE	0,19
11	9,0	SABINENE	0,01
12	9,2	PINADIENE	0,03
13	9,3	THUYADIENE	0,03
14	9,6	MENTHENE ISOMER	0,02
15	10,0	delta3-CARENE	0,06
16	10,1	3-HEPTANONE	0,02
17	10,3	ALIPHATIC ESTER	0,01
18	10,5	beta-MYRCENE	1,23
19	10,6	alpha-PHELLANDRENE	0,14
20	10,8	psi-LIMONENE	0,01
21	11,3	alpha-TERPINENE	1,06
22	12,0	LIMONENE	0,38
23	12,4	1,8-CINEOLE	0,09
24	12,5	beta-PHELLANDRENE	0,23
25	12,8	1,3,8-p-MENTHATRIENE	0,01
26	13,6	Cis-beta-OCIMENE	0,01
27	14,0	Cis-ARBUSCULONE	0,01
28	14,4	gamma-TERPINENE	9,79
29	14,5	Trans-beta-OCIMENE	0,04
30	14,6	3-OCTANONE	0,26

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Product Name: Thyme White Essential Oil (Spain) Cont'd
Date: May 30, 2018

Peak	RT (min)	Compound name	%
31	15,0	4-PENTEN-1-OL, PROPANOATE	0,03
32	15,3	m-CYMENE	0,02
33	15,7	p-CYMENE	23,02
34	16,2	TERPINOLENE	0,12
35	17,1	CYMENE ISOMER	0,01
36	18,1	PINOL	0,02
37	19,2	4-PENTENYL BUTYRATE	0,10
38	19,7	1-HEXANOL	0,01
39	20,1	PRENYL, 3-METHYLBUTYRATE-	0,01
40	20,2	2-NONANONE	0,02
41	20,9	ISOPRENYL ISOVALERATE	0,01
42	21,6	3-HEXEN-1-OL	0,01
43	22,2	3-OCTANOL	0,06
44	22,3	ALIPHATIC ALCOHOL	0,03
45	23,8	HEXYL BUTYRATE	0,02
46	24,6	COMPOUND Mw=152	0,03
47	25,0	alpha,p-DIMETHYLSTYRENE	0,11
48	25,1	LINALOOL Cis-OXIDE	0,06
49	25,6	1-OCTEN-3-OL	0,09
50	25,9	1-HEPTANOL	0,01
51	26,5	Trans-THUYANOL	0,16
52	26,8	LINALOOL trans-OXIDE	0,06
53	27,7	ISOGERANIAL	0,01
54	28,1	alpha-CAMPHOLENAL	0,01
55	28,4	alpha-COPAENE	0,03
56	29,2	ISONERAL	0,02
57	29,6	COMPOUND Mw=152	0,33
58	29,7	CAMPHOR	0,57
59	30,0	beta-BOURBONENE	0,02
60	30,6	CAMPHOLENIC ALCOHOL	0,01

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Product Name: Thyme White Essential Oil (Spain) Cont'd
Date: May 30, 2018

Pea #	RT (min)	Compound name	%
61	30,7	alpha-GURJUNENE	0,01
62	31,1	ALIPHATIC ESTER	0,02
63	31,6	Cis-THUYANOL	0,03
64	31,8	LINALOOL	4,77
65	31,9	1-NONEN-3-OL	0,01
66	32,3	1-OCTANOL	0,01
67	32,6	Trans-p-MENTH-2-EN-1-OL	0,01
68	33,4	BORNYL FORMIATE	0,12
69	33,7	BORNYL ACETATE	0,04
70	34,2	alpha-trans-BERGAMOTENE	0,01
71	34,4	beta-CUBEBENE	0,01
72	34,8	beta-CARYOPHYLLENE	1,10
73	35,0	TERPINENE-4-OL	0,55
74	35,2	METHYL CARVACROL ETHER	0,30
75	35,3	Cis-DIHYDROCARVONE	0,10
76	35,5	HOTRIENOL	0,04
77	35,7	SESQUITERPENE	0,01
78	35,9	SESQUITERPENE	0,01
79	36,1	METHYL BENZOATE	0,01
80	36,3	Trans-DIHYDROCARVONE	0,01
81	36,5	Cis-p-MENTH-2-EN-1-OL	0,02
82	37,6	ALLO-AROMADENDRENE	0,05
83	38,0	Trans-PINOCARVEOL	0,02
84	38,5	ZONARENE	0,01
85	38,8	ISOBORNEOL	0,01
86	39,0	alpha-HUMULENE	0,05
87	39,4	LAVANDULOL	0,03
88	39,5	Cis-VERBENOL	0,01
89	39,8	NERAL	0,01
90	40,0	COMPOUND Mw=152	0,01

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Pea #	RT (min)	Compound name	%
91	40,3	gamma-MUROLENE	0,03
92	40,6	alpha-TERPINEOL	0,13
93	40,8	BORNEOL	1,68
94	41,6	SESQUITERPENE	0,01
95	42,3	alpha-MUROLENE	0,03
96	42,6	beta-BISABOLENE	0,03
97	42,8	GERANIAL	0,02
98	43,5	Trans-PIPERITOL	0,01
99	43,8	Trans-ISOPIPERITENOL	0,01
100	44,2	delta-CADINENE	0,08
101	44,3	gamma-CADINENE	0,03
102	44,6	PYRANIC LINALOOL Cis-OXIDE	0,01
103	44,7	1-DECANOL	0,01
104	45,0	METHYL SALICYLATE	0,01
105	45,2	alpha-CURCUMENE	0,01
106	45,4	CUMINAL	0,01
107	45,6	CADINA-1,4-DIENE	0,01
108	45,8	Cis-SABINOL	0,01
109	46,1	MYRTENOL	0,01
110	46,2	alpha-AMORPHENE	0,01
111	46,6	NEROL	0,01
112	46,9	Trans-SABINOL	0,01
113	47,9	PIPERITENONE	0,01
114	48,1	Trans-ANETHOL	0,01
115	48,3	Cis-CALAMENENE	0,01
116	48,5	Trans-CALAMENENE	0,01
117	48,7	Trans-CARVEOL	0,01
118	49,3	m-CYMENE-8-OL	0,01
119	49,5	p-CYMENE-8-OL	0,09
120	50,2	Cis-CARVEOL	0,01

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Date: May 30, 2018

Pea #	RT (min)	Compound name	%
121	51,2	MYRCENOL	0,01
122	55,8	AROMATIC COMPOUND	0,01
123	56,1	ISOCARYOPHYLLENE OXIDE	0,01
124	56,6	CARYOPHYLLENE OXIDE	0,07
125	57,0	1,10-DECANEDIOL	0,01
126	57,2	2-ALLYL-4-PHENOL	0,06
127	58,3	2,4-DIMETHYLPHENYLIC ALCOHOL	0,04
128	62,0	PHENOL-3-METHYL	0,01
129	62,5	CUMINOL	0,02
130	63,2	PHENOLIC COMPOUND	0,02
131	63,7	SPATHULENOL	0,02
132	65,7	EUGENOL	0,01
133	65,9	ISOTHYMOL	0,14
134	66,9	THYMOL	44,08
135	67,5	ISOCARVACROL	0,13
136	67,7	PHENOLIC COMPOUND	0,01
137	68,1	CARVACROL	3,94
138	69,5	PHENOLIC COMPOUND	0,01
139	71,8	SESQUITERPENOL	0,01
		TOTAL	99,99

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