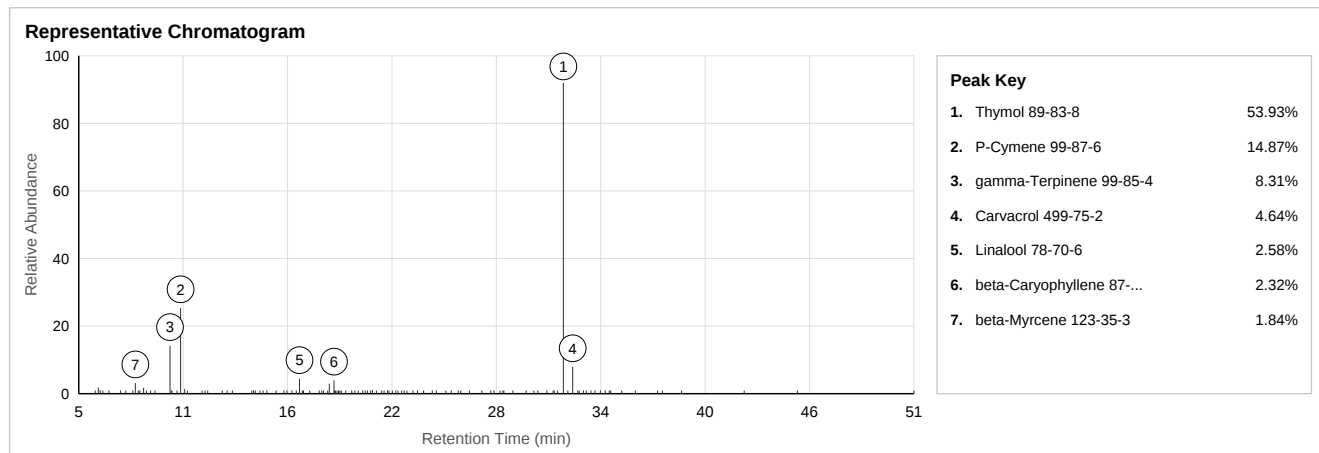


GC-MS Composition Profile

Product Name	Thyme Red
Botanical Name	Thymus vulgaris
INCI Name	Thymus Vulgaris Oil
Country of Origin	Spain
CAS Number	84929-51-1
Analysis Date	February 18, 2026
Profile Type	Typical / representative composition profile; natural lots may vary.

Representative Chromatogram



Peak Composition Table

Peak	RT (min)	Compound	Typical %
1	4.86	Isovaleraldehyde 590-86-3	0.04
2	5.78	Tricyclene 508-32-7	0.02
3	5.95	alpha-Pinene 80-56-8	1.04
4	6.05	alpha-Thuyene 2867-05-2	0.64
5	6.20	P-Menthane 6069-98-3	0.01
6	6.54	Camphene 79-92-5	0.28
7	7.19	beta-Pinene 127-91-3	0.15
8	7.48	Thuya-2,4-Diene 36262-09-6	0.02
9	7.87	Delta3-Carene 13466-78-9	0.09
10	8.01	beta-Myrcene 123-35-3	1.84
11	8.18	alpha-Phellandrene 99-83-2	0.14
12	8.26	Psi-Limonene 499-97-8	0.04
13	8.47	alpha-Terpinene 99-86-5	1.02
14	8.63	1,8-Cineole, 2,3-Dehydro- 92760-25-3	0.02
15	8.86	Limonene 138-86-3	0.30
16	9.10	beta-Phellandrene 555-10-2	0.23
18	9.94	gamma-Terpinene 99-85-4	8.31
19	10.01	Trans-beta-Ocimene 3779-61-1	0.04
20	10.05	3-Octanone 106-68-3	0.03
21	10.33	M-Cymene 535-77-3	0.02
22	10.53	P-Cymene 99-87-6	14.87
23	10.76	Terpinolene 586-62-9	0.85
24	10.91	Terpinolene Isomer -	0.02
25	11.73	Pinol 2437-97-0	0.01
26	11.89	5-Hepten-2-One, 6-Methyl- 110-93-0	0.03
27	12.04	1-Hexanol 111-27-3	0.02
28	12.85	3-Hexen-1-ol 544-12-7	0.01
29	13.12	3-Octanol 589-98-0	0.03
30	13.41	Menthatriene Isomer -	0.02
31	14.50	alpha,P-Dimethylstyrene 1195-32-0	0.18

Peak	RT (min)	Compound	Typical %
33	14.59	Linalool Cis-Oxide 5989-33-3	0.07
34	14.69	1-Octen-3-Ol 3391-86-4	0.03
35	14.95	Furfural 98-01-1	0.01
36	15.12	Trans-Thuyanol 17699-16-0	0.18
37	15.33	Linalool Trans-Oxide 34995-77-2	0.11
38	15.85	Epiphotocitral A 1000365-93-8	0.05
39	16.28	alpha-Copaene 3856-25-5	0.02
40	16.45	Exo-Isocitral 55050-40-3	0.07
41	16.73	Camphor 76-22-2	0.01
42	16.97	beta-Bourbonene 5208-59-3	0.01
43	17.15	Linalool 78-70-6	2.58
44	17.31	Cis-Thuyanol 15537-55-0	0.05
45	17.37	Linalyl Acetate 115-95-7	0.07
46	17.72	Trans-P-Menth-2-En-1-Ol 29803-81-4	0.03
47	18.25	Bornyl Acetate 76-49-3	0.04
48	18.39	Isobornyl Acetate 125-12-2	0.02
49	18.49	alpha-Trans-Bergamotene 13474-59-4	0.03
50	18.72	Methyl Thymol Ether 1076-56-8	0.02
51	18.81	Terpinene-4-Ol 562-74-3	1.74
52	19.07	beta-Caryophyllene 87-44-5	2.32
53	19.10	Methyl Carvacrol Ether 6379-73-3	0.19
54	19.15	Methyl Benzoate 93-58-3	0.02
55	19.24	Cis-Dihydrocarvone 3792-53-8	0.05
56	19.32	Aromadendrene 109119-91-7	0.11
58	19.40	Copacamphene 16641-59-1	0.01
59	19.48	Trans-Dihydrocarvone 5948-04-9	0.01
60	19.72	Compound Mw=166 -	0.03
61	20.06	Allo-Aromadendrene 25246-27-9	0.03
62	20.23	alpha-Necrodiol -	0.04
64	20.42	Lavandulol 498-16-8	0.08
65	20.67	Cis-Piperitol 16721-38-3	0.01
66	20.81	alpha-Humulene 6753-98-6	0.05
67	20.93	Neral 106-26-3	0.05
68	21.11	alpha-Terpineol 98-55-5	0.14
69	21.21	Borneol 507-70-0	0.66
70	21.43	Ledene 21747-46-6	0.07
71	21.73	Carvenone 499-74-1	0.02
72	21.86	Sesquiterpene -	0.03
73	22.05	Carvone 99-49-0	0.04
74	22.13	Geranial 141-27-5	0.10
75	22.32	Trans-Piperitol 16721-39-4	0.03
76	22.51	Trans-Isopiperitenol 74410-00-7	0.02
77	22.63	Citronellol 106-22-9	0.03
78	22.84	Delta-Cadinene 483-76-1	0.10
79	22.98	gamma-Cadinene 39029-41-9	0.04
80	23.13	Methyl Salicylate 119-36-8	0.03
81	23.47	Nerol 106-25-2	0.04
82	23.72	Trans-Sabinol 29606-76-6	0.02
83	24.06	Neryl Isobutyrate 2345-24-6	0.01
84	24.54	Geraniol 106-24-1	0.13
86	24.77	Thymyl Acetate 528-79-0	0.01
87	25.30	Myrcen-8-Ol -	0.03
88	25.60	Aliphatic Alcohol -	0.02
89	25.99	Geranyl Butyrate 106-29-6	0.05
90	26.13	Neryl 2-Methylbutyrate 51117-19-2	0.02
91	26.61	alpha-Calacorene 21391-99-1	0.01
92	27.30	Cis-Jasmone 488-10-8	0.01
93	27.80	4-Methylphenol, 2-Allyl- 6628-06-4	0.02
94	27.98	1-Dodecanol 112-53-8	0.09
95	28.31	Isocaryophyllene Oxide 17627-43-9	0.06

Peak	RT (min)	Compound	Typical %
96	28.47	2,4-Dimethylphenylic Alcohol 6597-59-7	0.11
97	28.53	Caryophyllene Oxide 1139-30-6	0.19
98	29.03	Sesquiterpenic Compound -	0.03
99	29.77	Epoxy-6,7-Humulene 19888-34-7	0.01
100	30.20	Cuminol 536-60-7	0.02
101	30.42	Sesquiterpenic Compound -	0.02
102	30.92	10-Epi-gamma-Eudesmol 15051-81-7	0.02
103	31.27	Spathulenol 6750-60-3	0.06
104	31.33	Isothymol 4427-56-9	0.16
105	31.52	Eugenol 97-53-0	0.08
106	31.84	Thymol 89-83-8	53.93
107	32.09	Isocarvacrol 1740-97-2	0.17
108	32.36	Carvacrol 499-75-2	4.64
109	32.64	Geranylgeraniadiene -	0.03
110	32.72	Phenolic Compound -	0.04
111	32.96	alpha-Nootkatol -	0.01
112	33.12	alpha-Cadinol 481-34-5	0.02
113	33.38	Phenolic Compound -	0.08
114	33.60	Sesquiterpenic Compound -	0.01
115	33.90	Aromatic Compound -	0.02
116	34.17	Sesquiterpenic Compound -	0.01
117	34.40	Caryophylla-2,6-Dien-5-alpha-ol 19431-79-9	0.01
118	34.48	Aromatic Compound -	0.01
119	35.09	Sesquiterpenic Compound -	0.01
120	35.85	Compound Mw=220 -	0.02
121	37.09	Aromatic Compound -	0.01
122	37.35	Aromatic Compound -	0.01
123	38.42	Aromatic Compound -	0.01
124	41.91	Aromatic Compound -	0.01
125	44.87	Aromatic Compound -	0.01
126	51.36	Paeonol 552-41-0	0.01

Percentages are presented as a typical composition profile prepared from current reliable source data. Small analytical and natural lot-to-lot variation is expected.