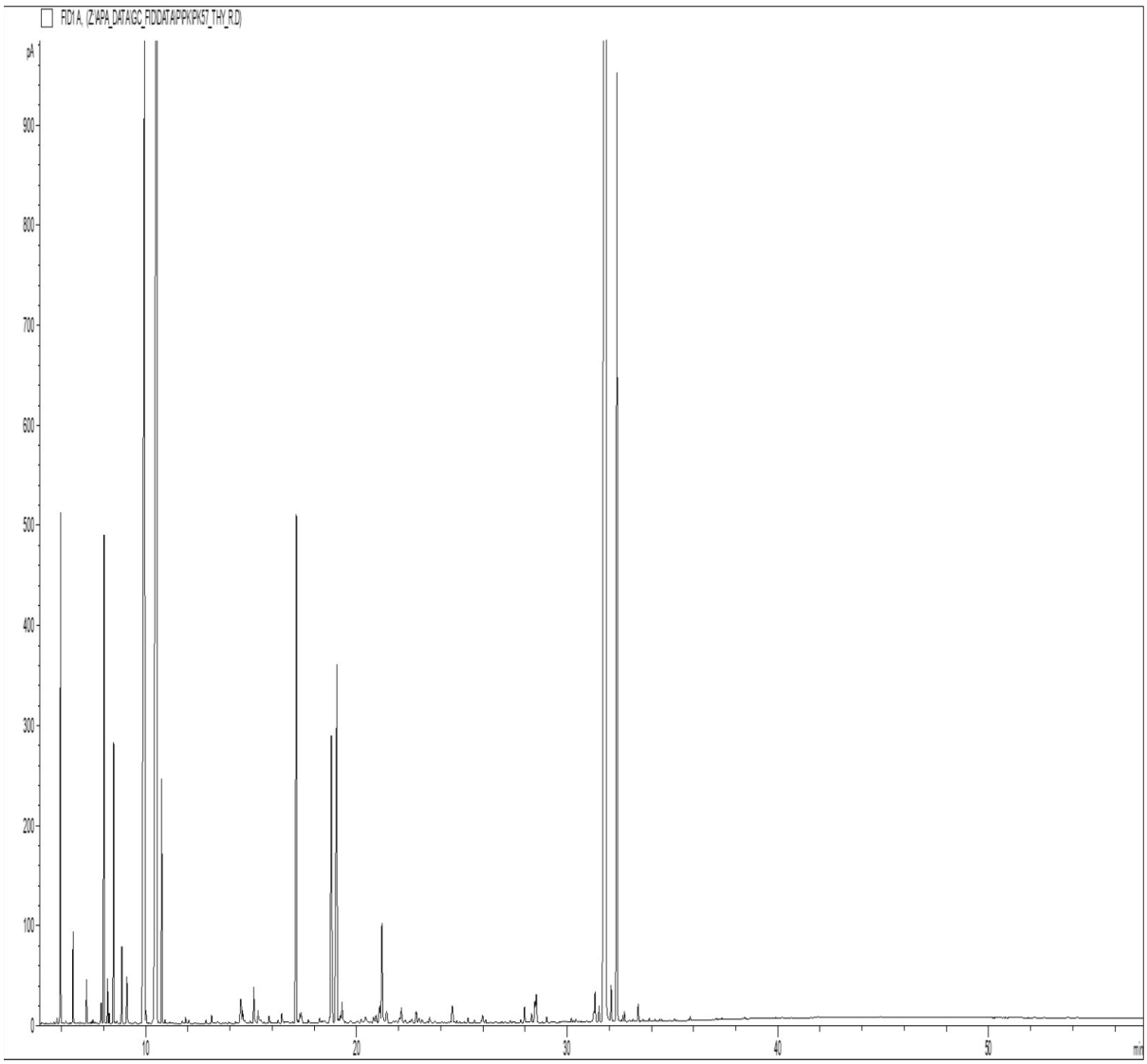
MALIKA ESSENTIALS

GC/MS ANALYSIS REPORT

Product Name	Thyme Essential Oil (Red, Spain)
Botanical Name	Thymus vulgaris
Analysis Date	April 17, 2026

Note: This GC/MS report is a representative analysis of this product. Due to volume turnover, it is not specific to an individual lot; specific lots may vary slightly, as is the case with natural products. The lot-specific quality document for each batch is its Certificate of Analysis.

Chromatogram



Identified Compounds

Peak	RT (min)	Compound name	%
1	4.86	ISOVALERALDEHYDE	0.04
2	5.78	TRICYCLENE	0.02
3	5.95	alpha-PINENE	1.04
4	6.05	alpha-THUYENE	0.65
5	6.20	p-MENTHANE	0.01
6	6.54	CAMPHENE	0.29
7	7.19	beta-PINENE	0.15
8	7.48	THUYA-2,4-DIENE	0.02
9	7.87	delta3-CARENE	0.09
10	8.01	beta-MYRCENE	1.83
11	8.18	alpha-PHELLANDRENE	0.14
12	8.26	psi-LIMONENE	0.04
13	8.47	alpha-TERPINENE	1.03
14	8.63	1,8-CINEOLE, 2,3-DEHYDRO-	0.02
15	8.86	LIMONENE	0.30
16	9.10	beta-PHELLANDRENE	0.23
17		1,8-CINEOLE	
18	9.94	gamma-TERPINENE	8.30

19	10.01	trans-beta-OCIMENE	0.04
20	10.05	3-OCTANONE	0.03
21	10.33	m-CYMENE	0.02
22	10.53	p-CYMENE	15.18
23	10.76	TERPINOLENE	0.86
24	10.91	TERPINOLENE ISOMER	0.02
25	11.73	PINOL	0.01
26	11.89	5-HEPTEN-2-ONE, 6-METHYL-	0.03
27	12.04	1-HEXANOL	0.02
28	12.85	3-HEXEN-1-OL	0.01
29	13.12	3-OCTANOL	0.03
30	13.41	MENTHATRIENE ISOMER	0.02
31	14.50	alpha,p-DIMETHYLSTYRENE	0.18
32		HEXENYLIC ESTER	
33	14.59	LINALOOL cis-OXIDE	0.07
34	14.69	1-OCTEN-3-OL	0.03
35	14.95	FURFURAL	0.01
36	15.12	trans-THUYANOL	0.18
37	15.33	LINALOOL trans-OXIDE	0.11
38	15.85	EPIPHOTOCITRAL A	0.05
39	16.28	alpha-COPAENE	0.02
40	16.45	EXO-ISOCITRAL	0.07
41	16.73	CAMPHOR	0.01
42	16.97	beta-BOURBONENE	0.01
43	17.15	LINALOOL	2.64
44	17.31	cis-THUYANOL	0.05
45	17.37	LINALYL ACETATE	0.07
46	17.72	trans-p-MENTH-2-EN-1-OL	0.03
47	18.25	BORNYL ACETATE	0.04
48	18.39	ISOBORNYL ACETATE	0.02
49	18.49	alpha-trans-BERGAMOTENE	0.03
50	18.72	METHYL THYMOL ETHER	0.02
51	18.81	TERPINENE-4-OL	1.81
52	19.07	beta-CARYOPHYLLENE	2.35
53	19.10	METHYL CARVACROL ETHER	0.19
54	19.15	METHYL BENZOATE	0.02
55	19.24	cis-DIHYDROCARVONE	0.05
56	19.32	AROMADENDRENE	0.11
57		cis-p-MENTH-2-EN-1-OL	
58	19.40	COPACAMPHENE	0.01
59	19.48	trans-DIHYDROCARVONE	0.01
60	19.72	COMPOUND Mw=166	0.03
61	20.06	ALLO-AROMADENDRENE	0.03
62	20.23	alpha-NECRODOL	0.04
63		ISOBORNEOL	
64	20.42	LAVANDULOL	0.08
65	20.67	cis-PIPERITOL	0.01
66	20.81	alpha-HUMULENE	0.05
67	20.93	NERAL	0.05
68	21.11	alpha-TERPINEOL	0.14
69	21.21	BORNEOL	0.68
70	21.43	LEDENE	0.07
71	21.73	CARVENONE	0.02
72	21.86	SESQUITERPENE	0.03
73	22.05	CARVONE	0.04
74	22.13	GERANIAL	0.10
75	22.32	trans-PIPERITOL	0.03

76	22.51	trans-ISOPIPERITENOL	0.02
77	22.63	CITRONELLOL	0.03
78	22.84	delta-CADINENE	0.10
79	22.98	gamma-CADINENE	0.04
80	23.13	METHYL SALICYLATE	0.03
81	23.47	NEROL	0.04
82	23.72	trans-SABINOL	0.02
83	24.06	NERYL ISOBUTYRATE	0.01
84	24.54	GERANIOL	0.13
85		p-CYMENE-8-OL	
86	24.77	THYMYL ACETATE	0.01
87	25.30	MYRCEN-8-OL	0.03
88	25.60	ALIPHATIC ALCOHOL	0.02
89	25.99	GERANYL BUTYRATE	0.05
90	26.13	NERYL 2-METHYLBUTYRATE	0.02
91	26.61	alpha-CALACORENE	0.01
92	27.30	cis-JASMONE	0.01
93	27.80	4-METHYLPHENOL, 2-ALLYL-	0.02
94	27.98	1-DODECANOL	0.09
95	28.31	ISOCARYOPHYLLENE OXIDE	0.06
96	28.47	2,4-DIMETHYLPHENYLIC ALCOHOL	0.11
97	28.53	CARYOPHYLLENE OXIDE	0.19
98	29.03	SESQUITERPENIC COMPOUND	0.03
99	29.77	EPOXY-6,7-HUMULENE	0.01
100	30.20	CUMINOL	0.02
101	30.42	SESQUITERPENIC COMPOUND	0.02
102	30.92	10-epi-gamma-EUDESMOL	0.02
103	31.27	SPATHULENOL	0.06
104	31.33	ISOTHYMOL	0.16
105	31.52	EUGENOL	0.08
106	31.84	THYMOL	53.40
107	32.09	ISOCARVACROL	0.17
108	32.36	CARVACROL	4.58
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	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	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	0.01

		TOTAL	**99.94**

Note: Peaks 17 (1,8-CINEOLE), 32 (HEXENYLIC ESTER), 57 (cis-p-MENTH-2-EN-1-OL), 63 (ISOBORNEOL) and 85 (p-CYMENE-8-OL) are listed in the source report without retention time or percentage and are carried here as printed.

Faithful copy of the GC/MS analysis report. The original document is kept in the MALIKA Essentials archives.