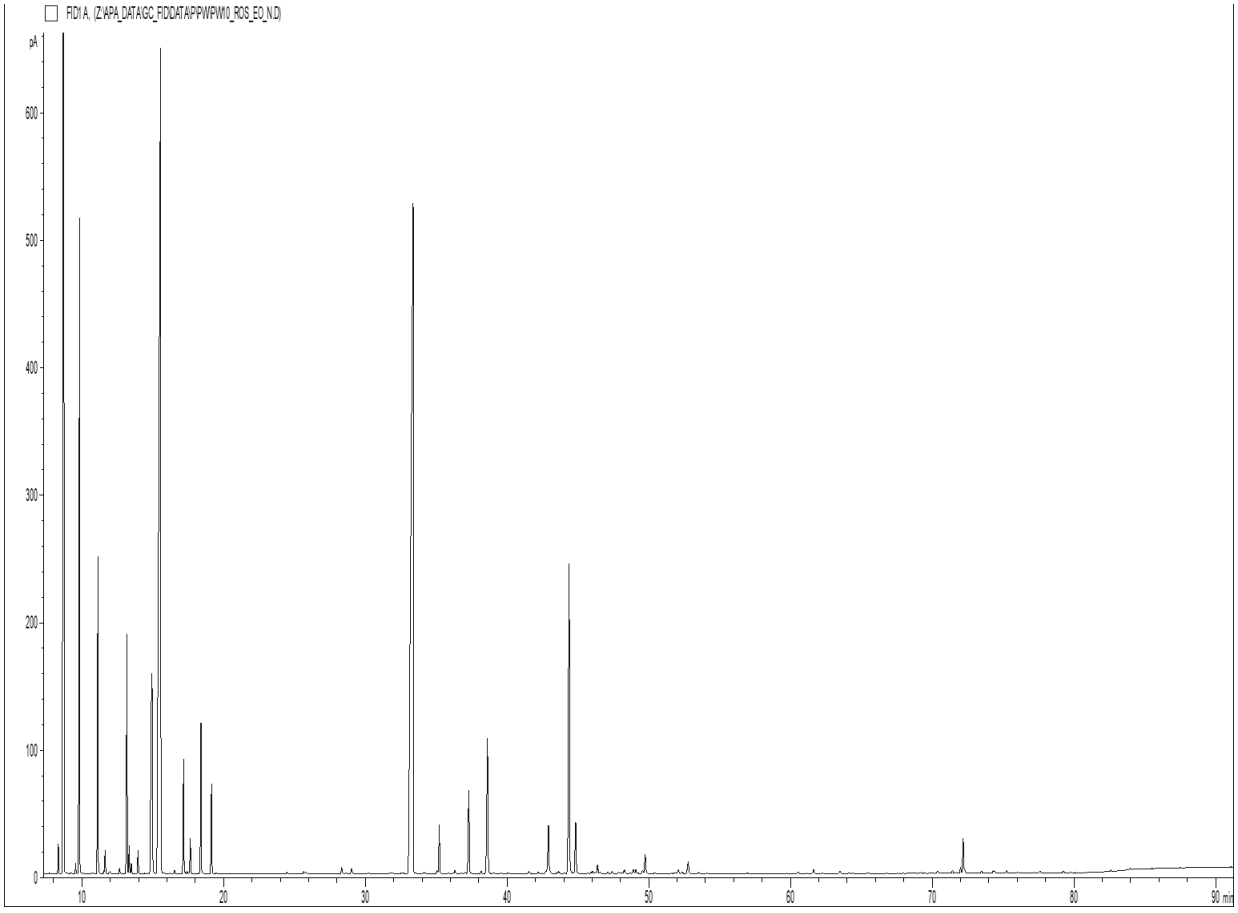
MALIKA ESSENTIALS

GC/MS ANALYSIS REPORT

Product Name	Rosemary Essential Oil (ct. Camphor, Spain)
Botanical Name	Rosmarinus officinalis
Analysis Date	October 8, 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	8.33	TRICYCLENE	0.28
2	8.72	alpha-PINENE	18.10
3	8.80	alpha-THUYENE	0.03
4	9.21	beta-FENCHENE	0.01
5	9.56	alpha-FENCHENE	0.09
6	9.84	CAMPHENE	6.86
7	10.71	1,6-OCTADIENE, 2,7-DIMETHYL-	0.01
8	11.13	beta-PINENE	3.26
9	11.55	SABINENE	0.02
10	11.64	VERBENENE	0.24
11	11.99	TERPENIC COMPOUND	0.03
12	12.66	delta3-CARENE	0.06
13	13.18	beta-MYRCENE	2.67
14	13.33	alpha-PHELLANDRENE	0.28
15	13.48	psi-LIMONENE	0.12
16	13.96	alpha-TERPINENE	0.28
17	14.94	LIMONENE	4.31
18		1,8-CINEOLE	
19	15.56	beta-PHELLANDRENE	21.41
20	15.61	1,3,8-p-MENTHATRIENE	0.04
21	16.53	cis-beta-OCIMENE	0.04
22	17.17	gamma-TERPINENE	1.28
23	17.28	COMPOUND Mw=134	0.02
24	17.42	trans-beta-OCIMENE	0.02
25	17.64	3-OCTANONE	0.38
26	18.40	p-CYMENE	1.76
27	19.14	TERPINOLENE	1.05
28	19.48	TERPINOLENE ISOMER	0.01
29	24.48	alpha-PINENE OXIDE	0.02
30	25.65	3-OCTANOL	0.03
31	25.81	FENCHONE	0.03
32	28.32	alpha,p-DIMETHYLSTYRENE	0.10
33	28.61	LINALOOL cis-OXIDE	0.01
34	29.01	1-OCTEN-3-OL	0.08
35	30.21	alpha-CUBEBENE	0.02
36	31.73	alpha-CAMPHOLENAL	0.02
37	31.89	YLANGENE	0.02
38		alpha-COPAENE	
39	32.55	CHRYSANTHENONE	0.03
40	33.36	CAMPHOR	22.91
41	34.15	COMPOUND Mw=152	0.03
42	35.05	ISOPINOCAMPHONE	0.05
43	35.21	LINALOOL	0.64
44	35.86	1-OCTANOL	0.02
45	36.32	PINOCARVONE	0.05
46	36.75	BORNYL FORMATE	0.02
47	37.06	TERPENIC COMPOUND	0.02
48	37.29	BORNYL ACETATE	1.24
49	38.16	CAMPHENE HYDRATE	0.04
50	38.61	beta-CARYOPHYLLENE	1.41
51	38.65	TERPINENE-4-OL	0.94
52	38.99	HOTRIENOL	0.01
53	40.06	MYRTENAL	0.02
54	41.51	trans-PINOCARVEOL	0.04
55	42.18	1-NONANOL	0.04

56	42.75	delta-TERPINEOL	0.05
57	42.92	alpha-HUMULENE	0.81
58	42.95	E-beta-FARNESENE	0.05
59		TERPENIC COMPOUND	
60	43.63	LAVANDULAL	0.05
61	44.05	gamma-MUUROLENE	0.02
62	44.37	alpha-TERPINEOL	2.64
63	44.40	BORNEOL	2.53
64	44.83	VERBENONE	0.84
65	45.91	p-MENTHA-1(7),2-DIEN-8-OL	0.02
66	46.02	gamma-CAMPHOLENOL	0.04
67	46.23	alpha-ZINGIBERENE	0.02
68	46.38	beta-BISABOLENE	0.13
69	46.56	SESQUITERPENE	0.02
70	47.12	beta-CURCUMENE	0.02
71	47.40	TERPENIC COMPOUND	0.03
72	47.85	GERANYL ACETATE	0.02
73	47.98	delta-CADINENE	0.02
74	48.13	gamma-CADINENE	0.01
75	48.27	1-DECANOL	0.07
76	48.67	TERPENIC COMPOUND	0.01
77		alpha-CURCUMENE	
78	48.91	beta-SESQUIPHELLANDRENE	0.07
79	49.08	trans-alpha-BISABOLENE	0.07
80	49.56	MYRTENOL	0.06
81	49.74	CAMPHOLENOL	0.32
82	50.43	trans-p-MENTHA-1(7),8-DIEN-2-OL	0.01
83	51.87	trans-ANETHOL	0.01
84	52.08	trans-CARVEOL	0.07
85		ISOPIPERITENONE	
86	52.34	TERPENIC COMPOUND	0.03
87		GERANIOL	
88	52.78	p-CYMENE-8-OL	0.23
89	53.52	E-GERANYL ACETONE	0.02
90	60.53	CARYOPHYLLENE OXIDE	0.02
91	61.62	METHYLEUGENOL	0.06
92	62.24	SESQUITERPENIC COMPOUND	0.01
93	63.48	EPOXY-6,7-HUMULENE	0.04
94	66.76	TERPENIC COMPOUND	0.01
95	68.27	SESQUITERPENIC COMPOUND	0.01
96	69.08	EUGENOL	0.01
97	69.22	THYMOL	0.02
98	70.37	ISOPIMARA-8,15-DIENE	0.05
99	70.64	ISOCARVACROL	0.01
100	71.42	CARVACROL	0.05
101	71.70	COMPOUND Mw=234	0.01
102	71.99	Epi-alpha-BISABOLOL	0.09
103	72.18	alpha-BISABOLOL	0.57
104	73.47	AROMATIC COMPOUND Mw=234	0.03
105	74.30	DITERPENE	0.04
106	74.39	COMPOUND Mw=270	0.03
107	75.25	SESQUITERPENOL	0.04
108	75.79	SESQUITERPENIC	0.02

		COMPOUND	
109	76.02	SESQUITERPENIC COMPOUND	0.02
110	77.60	SESQUITERPENIC COMPOUND	0.04
111	79.25	COMPOUND Mw=220	0.03
112	82.61	COMPOUND Mw=262	0.02
113	83.95	ABIETATRIENE	0.02
		TOTAL	**99.98**

In the source report, peaks 18, 38, 59, 77, 85 and 87 are listed without RT or %; each co-elutes with the following peak, whose % is the combined value for the pair.

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