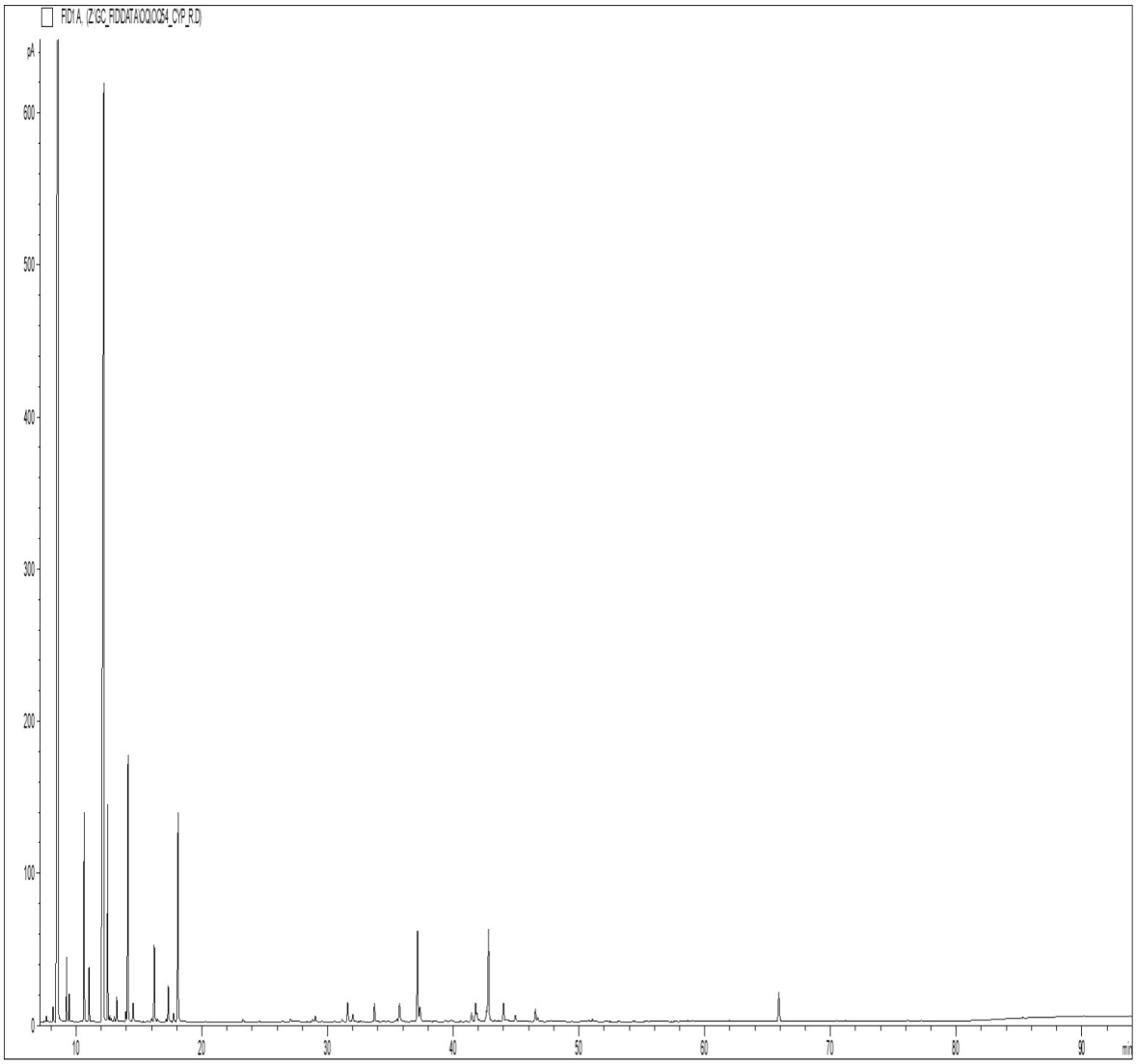
MALIKA ESSENTIALS

GC/MS ANALYSIS REPORT

Product Name	Cypress Essential Oil
Botanical Name	Cupressus sempervirens
Analysis Date	February 6, 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	7.12	TERPENE ISOMER	0.01
2	7.64	BORNYLENE	0.05
3	8.17	TRICYCLENE	0.18
4	8.58	alpha-PINENE	51.26
5	8.62	alpha-THUYENE	0.45
6	9.24	alpha-FENCHENE	0.64
7	9.45	CAMPHENE	0.29
8	10.46	TERPENE ISOMER	0.01
9	10.64	beta-PINENE	2.41
10	11.03	SABINENE	0.65
11	12.20	delta3-CARENE	21.39
12	12.52	beta-MYRCENE	2.42
13	12.68	alpha-PHELLANDRENE	0.09
14	12.80	psi-LIMONENE	0.06
15	13.05	o-CYMENE	0.07
16	13.24	alpha-TERPINENE	0.34
17	13.96	ISOSYLVESTRENE	0.15
18	14.14	LIMONENE	3.97
19	14.54	beta-PHELLANDRENE	0.30

20	–	1,8-CINEOLE	
21	16.01	TERPENE ISOMER	0.05
22	16.22	gamma-TERPINENE	1.05
23	16.48	trans-beta-OCIMENE	0.04
24	17.17	m-CYMENE	0.04
25	17.33	p-CYMENE	0.54
26	17.76	ISOTERPINOLENE	0.14
27	18.12	TERPINOLENE	3.47
28	18.45	TERPENIC COMPOUND	0.03
29	23.27	alpha-PINENE OXIDE	0.04
30	26.42	DIMETHYLSTYRENE ISOMER	0.01
31	27.06	alpha,p-DIMETHYLSTYRENE	0.07
32	27.23	LINALOOL cis-OXIDE	0.02
33	27.63	LIMONENE cis-1,2-EPOXIDE	0.03
34	28.83	4,8-TERPINOLENE EPOXIDE	0.06
35	29.03	alpha-CUBEBENE	0.11
36	29.54	SESQUITERPENE	0.01
37	30.53	YLANGENE	0.02
38	31.17	alpha-COPAENE	0.04
39	31.60	CAMPHOR	0.40
40	31.85	PINOCAMPHONE	0.02
41	32.01	KARAHANAENONE	0.16
42	32.64	beta-BOURBONENE	0.02
43	33.74	LINALOOL	0.32
44	34.38	LINALYL ACETATE	0.03
45	34.74	trans-p-MENTH-2-EN-1-OL	0.02
46	35.32	LINALOOL cis-OXIDE ACETATE	0.02
47	35.52	LONGIFOLENE	0.05
48	35.72	alpha-CEDRENE	0.47
49	–	beta-FUNEBRENE	
50	35.89	epsilon-CADINENE	0.04
51	36.01	BORNYL ACETATE	0.02
52	36.63	CAMPHENE HYDRATE	0.02
53	36.87	beta-ELEMENE	0.01
54	37.15	TERPINENE-4-OL	1.44
55	37.20	beta-CARYOPHYLLENE	0.48
56	–	beta-CEDRENE	
57	37.34	TERPINEN-4-YL ACETATE	0.22
58	37.70	SESQUITERPENE	0.02
59	38.07	SESQUITERPENE	0.03
60	38.54	MYRTENAL	0.02
61	38.56	cis-p-MENTH-2-EN-1-OL	0.01
62	39.34	UMBELLULONE	0.04
63	–	CADINA-3,5-DIENE	
64	39.68	GERMACRENE A	0.02
65	39.85	SESQUITERPENE	0.06
66	41.01	ZONARENE	0.02
67	41.45	alpha-HUMULENE	0.21
68	–	trans-VERBENOL	
69	41.77	TERPENIC ESTER	0.36
70	41.88	TERPENIC COMPOUND	0.17
71	42.05	LAVANDULAL	0.06
72	42.55	TERPENIC COMPOUND	0.03
73	42.65	gamma-MUUROLENE	0.19
74	42.80	TERPENYL ACETATE	1.64
75	42.90	alpha-TERPINEOL	0.32

76	43.00	BORNEOL	0.03
77	43.31	VERBENONE	0.04
78	43.44	TERPENIC COMPOUND	0.02
79	43.60	TERPENIC COMPOUND	0.02
80	44.00	GERMACRENE D	0.41
81	44.20	SESQUITERPENE	0.05
82	44.29	SESQUITERPENE	0.02
83	44.38	SESQUITERPENE	0.05
84	44.69	SESQUITERPENE	0.02
85	44.93	alpha-MUUROLENE	0.16
86	45.81	TERPENIC COMPOUND	0.02
87	46.53	delta-CADINENE	0.27
88	46.73	gamma-CADINENE	0.10
89	47.52	alpha-CURCUMENE	0.02
90	47.75	COMPOUND Mw=152	0.03
91	47.91	MYRTENOL	0.02
92	48.28	CADINA-1,4-DIENE	0.02
93	48.80	alpha-AMORPHENE	0.02
94	50.30	COMPOUND Mw=152	0.03
95	50.56	trans-CARVEOL	0.01
96	50.75	cis-CALAMENENE	0.06
97	–	trans-CALAMENENE	
98	51.08	p-CYMENE-8-OL	0.06
99	55.70	PIPERITENONE	0.03
100	58.62	2,4-DECADIEN-1-OL	0.03
101	59.05	CARYOPHYLLENE OXIDE	0.02
102	61.17	DECADIENYL ISOVALERATE	0.02
103	61.98	EPOXY-6,7-HUMULENE	0.03
104	62.86	Epi-CUBENOL	0.02
105	65.51	TERPENIC COMPOUND	0.02
106	65.89	CEDROL	0.72
107	66.63	SESQUITERPENOL	0.01
108	68.34	T-CADINOL	0.02
109	70.51	E,E,E-alpha-SPRINGENE	0.02
110	71.23	alpha-CADINOL	0.02
111	76.15	DITERPENIC COMPOUND	0.03
112	77.22	MANOYL OXIDE	0.02
113	81.85	DITERPENIC COMPOUND	0.02
114	82.83	ABIETATRIENE	0.02
115	90.14	AROMATIC COMPOUND	0.01
		TOTAL	**99.94**

In the source report, peaks 20 (1,8-CINEOLE), 49 (beta-FUNEBRENE), 56 (beta-CEDRENE), 63 (CADINA-3,5-DIENE), 68 (trans-VERBENOL) and 97 (trans-CALAMENENE) are listed without RT or %; they co-elute with adjacent peaks.

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