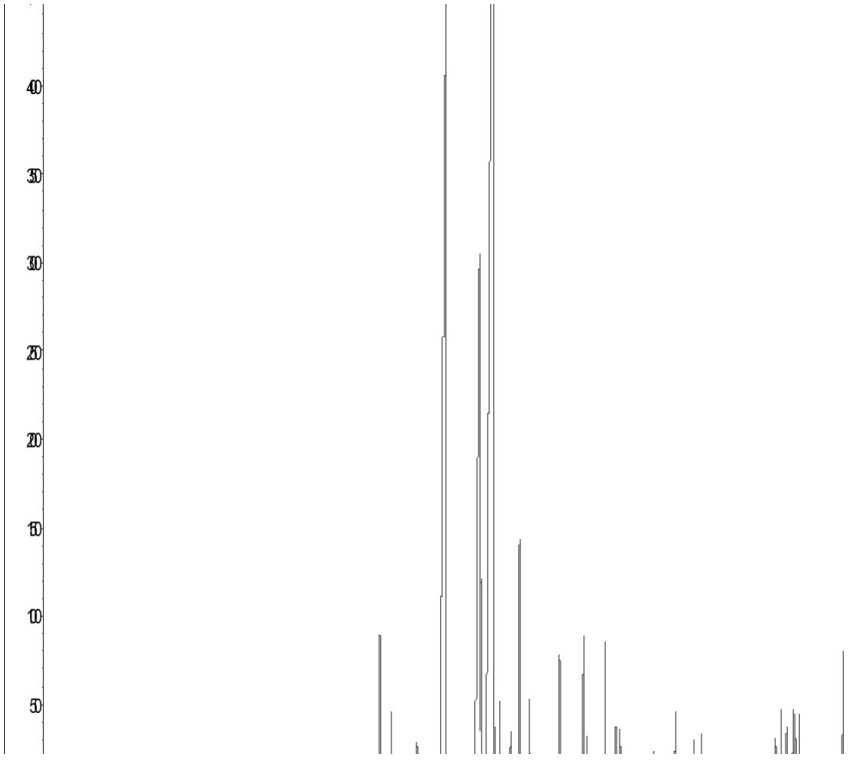
MALIKA ESSENTIALS

GC/MS ANALYSIS REPORT

Product Name	Cedarwood Atlas Essential Oil
Botanical Name	Cedrus atlantica
Analysis Date	September 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	7.70	alpha-PINENE	0.03
2	11.26	3-PENTEN-2-ONE, 4-METHYL-	0.05
3	14.37	LIMONENE	0.01
4	28.37	alpha,p-DIMETHYLSTYRENE	0.01

5	30.42	alpha-LONGIPINENE	0.10
6	31.43	YLANGENE	0.06
7	32.00	alpha-COPAENE	0.03
8	32.92	SESQUITERPENE	0.02
9	34.11	SATIVENE	0.04
10	35.21	SESQUITERPENE	0.02
11		CADINADIENE ISOMER	
12	35.64	4-ACETYLCYCLOHEX-1-ENE, 1-METHYL-	1.48
13	36.28	TERPENIC COMPOUND	0.01
14	36.38	SESQUITERPENE	0.02
15	36.72	LONGIFOLENE	0.60
16	37.08	SESQUITERPENE	0.01
17	37.66	EUDESMATRIENE ISOMER	0.94
18	38.45	SESQUITERPENE	0.04
19	38.67	SESQUITERPENE Mw=202	0.06
20	38.98	HIMACHALENE ISOMER	0.48
21	39.19	SESQUITERPENE	0.02
22	39.38	SESQUITERPENE	0.03
23	40.31	HIMACHALENE ISOMER	0.23
24	41.57	alpha-HIMACHALENE	17.35
25	41.83	COMPOUND Mw=220	0.01
26	42.39	SESQUITERPENE	0.05
27	42.63	SESQUITERPENE	0.04
28	42.99	FARNESENE ISOMER	0.27
29	43.26	SESQUITERPENE	0.09
30	43.62	HIMACHALENE ISOMER	0.45
31	44.61	gamma-HIMACHALENE	10.52
32	44.74	11-alpha-HIMACHALA-1,4-DIENE	1.61
33	45.92	beta-HIMACHALENE	43.14
34	46.11	SESQUITERPENE Mw=202	0.44
35	46.20	SESQUITERPENE	0.04
36	46.29	SESQUITERPENE	0.06
37	46.49	SESQUITERPENE	0.64
38	46.61	CURCUMENE ISOMER	0.23
39	46.80	COMPOUND Mw=222	0.17
40	46.91	SESQUITERPENE Mw=202	0.24
41	47.22	COMPOUND Mw=222	0.02
42	47.42	SESQUITERPENE Mw=202	0.47
43	48.24	delta-CADINENE	2.40
44	48.52	SESQUITERPENE	0.01
45	48.79	p-METHYLACETOPHENONE	0.18
46	48.94	SESQUITERPENE	0.06
47	49.17	trans-alpha-BISABOLENE	0.70
48	49.48	AROMATIC COMPOUND	0.04
49	49.54	CADINA-1,4-DIENE	0.05
50	49.83	SESQUITERPENE Mw=202	0.01
51	50.24	SESQUITERPENE Mw=202	0.02
52	50.56	SESQUITERPENE Mw=202	0.20
53	50.69	SESQUITERPENE	0.08
54	50.94	COMPOUND Mw=222	0.02
55	51.13	COMPOUND Mw=220	0.05
56	51.41	TERPENIC COMPOUND	0.04
57	51.86	EUDESMA-2,4,11-TRIENE ISOMER	1.21
58	52.08	CUPARENE	0.07
59	52.25	cis-CALAMENENE	0.08

60	52.36	trans-CALAMENENE	0.07
61	52.69	AROMATIC COMPOUND	0.10
62	52.80	COMPOUND Mw=202	0.03
63	53.35	COMPOUND Mw=200	0.02
64	54.00	alpha-DEHYDRO-ar-HIMACHALENE	1.23
65	54.36	CADINA-1,6,8-TRIENE	0.38
66	54.71	AROMATIC COMPOUND	0.07
67	56.01	gamma-DEHYDRO-ar-HIMACHALENE	1.18
68	56.48	COMPOUND Mw=218	0.03
69	56.63	COMPOUND Mw=218	0.04
70	56.90	alpha-CALACORENE	0.45
71	57.30	VESTITENONE	0.44
72	57.53	AROMATIC COMPOUND	0.05
73	57.78	COMPOUND Mw=218	0.02
74	58.15	AROMATIC COMPOUND	0.02
75	59.16	beta-CALACORENE	0.04
76	59.61	SESQUITERPENIC COMPOUND	0.01
77	60.30	COMPOUND Mw=218	0.27
78	60.63	COMPOUND Mw=220	0.03
79	60.83	AROMATIC COMPOUND	0.02
80	61.15	AROMATIC COMPOUND	0.06
81	61.63	COMPOUND Mw=220	0.02
82	62.03	COMPOUND Mw=216	0.04
83	62.27	beta-HIMACHALENE OXIDE	0.59
84	62.45	COMPOUND Mw=220	0.02
85	63.14	COMPOUND Mw=222	0.03
86	63.47	trans-NEROLIDOL	0.07
87	63.97	AROMATIC COMPOUND Mw=220	0.38
88	64.32	COMPOUND Mw=220	0.01
89	64.44	COMPOUND Mw=200	0.06
90	64.70	CUBENOL	0.44
91	65.04	COMPOUND Mw=220	0.01
92	65.38	p-CRESOL	0.03
93	65.55	COMPOUND Mw=220	0.04
94	65.68	COMPOUND Mw=220	0.13
95	66.23	COMPOUND Mw=220	0.02
96	66.76	COMPOUND Mw=234	0.01
97	67.07	SESQUITERPENIC COMPOUND	0.05
98	67.64	COMPOUND Mw=220	0.02
99	67.79	COMPOUND Mw=250	0.03
100	67.88	COMPOUND Mw=220	0.02
101	68.08	COMPOUND Mw=220	0.03
102	68.24	COMPOUND Mw=236	0.02
103	68.49	EUDESMOL ISOMER	0.02
104	68.67	COMPOUND Mw=218	0.03
105	68.82	COMPOUND Mw=220	0.09
106	68.93	LONGIBORNEOL	0.20
107	69.20	SESQUITERPENIC COMPOUND	0.08
108	69.34	COMPOUND Mw=218	0.02
109	69.49	SESQUITERPENIC COMPOUND	0.02
110	69.72	COMPOUND Mw=220	0.12

111	69.85	SESQUITERPENIC COMPOUND	0.05
112	70.13	COMPOUND Mw=222	0.13
113	70.40	COMPOUND Mw=220	0.04
114	71.30	Z-gamma-ATLANTONE	0.65
115	71.82	HIMACHALOL	0.63
116	71.99	COMPOUND Mw=218	0.03
117	72.31	E-gamma-ATLANTONE	0.82
118	72.47	CADALENE	0.04
119	72.91	DEODARONE ISOMER	0.55
120	73.10	DEODARONE ISOMER	0.55
121	73.21	ALLO-HIMACHALOL	0.60
122	73.32	Z-alpha-ATLANTONE	0.47
123	73.82	COMPOUND Mw=220	0.01
124	74.88	COMPOUND Mw=238	0.01
125	75.95	COMPOUND Mw=218	0.01
126	76.21	COMPOUND Mw=220	0.01
127	76.70	SESQUITERPENIC COMPOUND	0.05
128	77.40	E-alpha-ATLANTONE	2.45
129	78.32	COMPOUND Mw=236	0.02
130	79.70	COMPOUND Mw=220	0.02
131	81.78	COMPOUND Mw=218	0.10
132	83.47	AROMATIC COMPOUND	0.02
133	84.03	COMPOUND Mw=220	0.08
134	84.40	COMPOUND Mw=220	0.08
135	84.90	SESQUITERPENIC COMPOUND	0.03
		TOTAL	**99.95**

In the source report, peak 11 (CADINADIENE ISOMER) is listed without RT or %; it co-elutes with an adjacent peak.

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