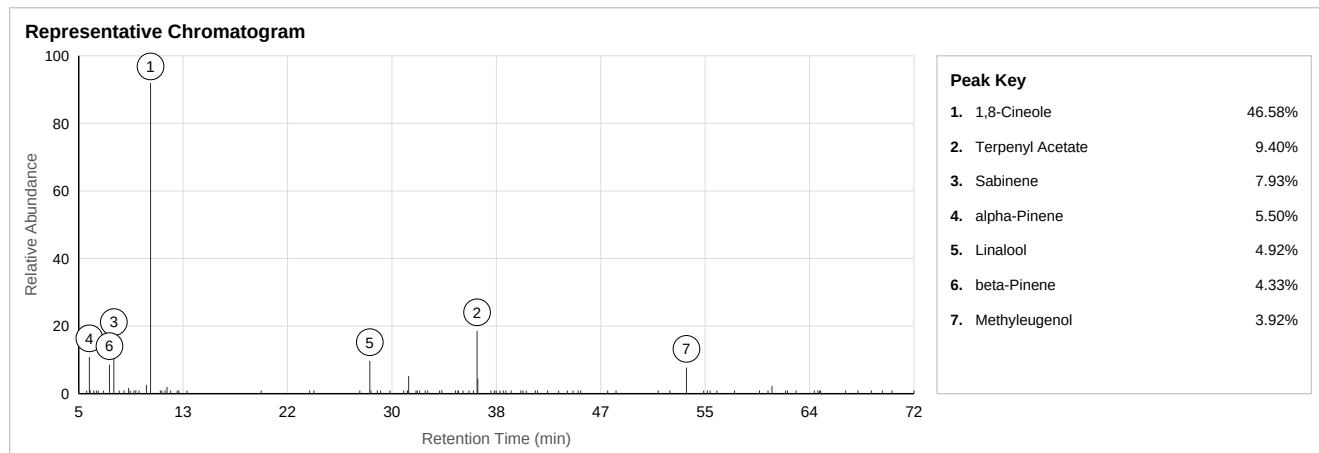


GC-MS Composition Profile

Product Name	Laurel Leaf
Botanical Name	Laurus nobilis
INCI Name	Laurus Nobilis Oil
Country of Origin	Hungary
CAS Number	84603-73-6
Analysis Date	October 04, 2025
Profile Type	Typical / representative composition profile; natural lots may vary.

Representative Chromatogram



Peak Composition Table

Peak	RT (min)	Compound	Typical %
1	4.99	Aliphatic Ester	0.03
2	5.62	Tricyclene	0.01
3	5.84	alpha-Pinene	5.50
4	5.90	alpha-Thuyene	0.54
5	6.19	Ethyl 2-Methylbutyrate	0.04
6	6.40	alpha-Fenchene	0.04
7	6.55	Camphene	0.48
8	6.98	Butyl Isobutyrate	0.05
9	7.45	beta-Pinene	4.33
10	7.80	Sabinene	7.93
11	8.23	Thuya-2,4-Diene	0.02
12	8.61	Delta3-Carene	0.19
13	8.98	beta-Myrcene	0.84
14	9.11	alpha-Phellandrene	0.35
15	9.41	Isobutyl 2-Methylbutyrate	0.08
16	9.56	alpha-Terpinene	0.52
17	9.82	1,8-Cineole, 2,3-Dehydro-	0.10
18	10.41	Limonene	1.31
19	10.74	1,8-Cineole	46.58
20	11.52	Terpenic Compound	0.02
21	11.64	Cis-beta-Ocimene	0.04
22	11.90	Terpenic Compound	0.01
23	12.06	gamma-Terpinene	1.01
24	12.35	Trans-beta-Ocimene	0.15
25	12.88	M-Cymene	0.04
26	13.01	P-Cymene	0.49
27	13.66	Terpinolene	0.27
28	19.60	2-Nonanone	0.03
29	23.48	Trans-Thuyanol	0.18
30	23.82	alpha-Cubebene	0.02

Peak	RT (min)	Compound	Typical %
31	27.50	alpha-Gurjunene	0.01
32	28.30	Linalool	4.92
33	28.40	Cis-Thuyanol	0.15
34	28.90	Linalyl Acetate	0.11
35	29.16	Trans-P-Menth-2-En-1-Ol	0.12
36	29.91	Bornyl Acetate	0.20
37	31.01	alpha-Guaiene	0.02
38	31.30	beta-Elemene	0.18
39	31.35	beta-Caryophyllene	0.24
40	31.41	Terpinene-4-Ol	2.65
41	32.00	2-Undecanone	0.04
42	32.10	6,9-Guaiadiene	0.02
43	32.29	Terpenic Compound	0.01
44	32.74	4-Thuyen-2-alpha-Yl Acetate	0.04
45	32.94	Cis-P-Menth-2-En-1-Ol	0.09
46	33.89	Trans-Pinocarveol	0.05
47	34.07	Delta-Terpenyl Acetate	0.52
49	35.16	Estragol	0.08
50	35.35	Delta-Terpineol	0.33
51	35.40	alpha-Humulene	0.07
52	35.77	Cis-Piperitol	0.05
53	36.24	Lavandulal	0.02
54	36.60	Borneol	0.17
55	36.89	Terpenyl Acetate	9.40
56	36.95	alpha-Terpineol	2.27
57	37.99	Germacrene D	0.05
58	38.27	Sesquiterpene	0.01
59	38.42	beta-Selinene	0.08
60	38.72	alpha-Selinene	0.02
61	38.99	Neryl Acetate	0.06
62	39.19	Bicyclogermacrene	0.15
63	39.62	Trans-Piperitol	0.05
64	40.39	Delta-Cadinene	0.09
65	40.56	gamma-Cadinene	0.04
66	40.83	Sesquiterpene	0.04
67	41.56	Menthadienol Isomer	0.04
68	41.73	Terpenic Compound	0.04
69	42.54	Nerol	0.23
70	43.42	Sesquiterpene Mw=202	0.03
71	44.12	2-Tridecanone	0.01
72	44.58	Sesquiterpene Mw=202	0.06
73	44.99	P-Cymene-8-Ol	0.01
74	45.19	Geraniol	0.02
75	47.35	Terpenic Compound	0.05
76	48.02	Epi-Cubebol	0.01
77	51.40	Terpenic Compound	0.02
78	52.33	Caryophyllene Oxide	0.09
79	53.66	Methyleugenol	3.92
80	55.04	Propanol, 3-Phenyl-	0.03
81	55.34	Aromatic Compound	0.02
82	55.56	Nerolidol	0.01
83	56.10	Terpenic Compound	0.04
84	57.51	Viridiflorol	0.06
85	59.51	Spathulenol	0.16
86	60.19	Cinnamyl Acetate	0.02
87	60.51	Eugenol	1.17
88	61.60	T-Cadinol	0.01
89	61.75	Agarospirol	0.01
90	62.44	Methylisoeugenol	0.09
91	63.90	Elemicin	0.09

Peak	RT (min)	Compound	Typical %
92	64.18	alpha-Eudesmol	0.03
93	64.32	beta-Eudesmol	0.05
94	64.41	alpha-Cadinol	0.04
95	66.41	Cinnamic Alcohol	0.02
96	67.39	Terpenic Compound	0.02
97	68.47	Chavicol	0.04
98	69.35	Terpenic Compound	0.02
99	70.12	Compound Mw=220	0.02
100	71.88	Trans-Isoelemicin	0.02

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