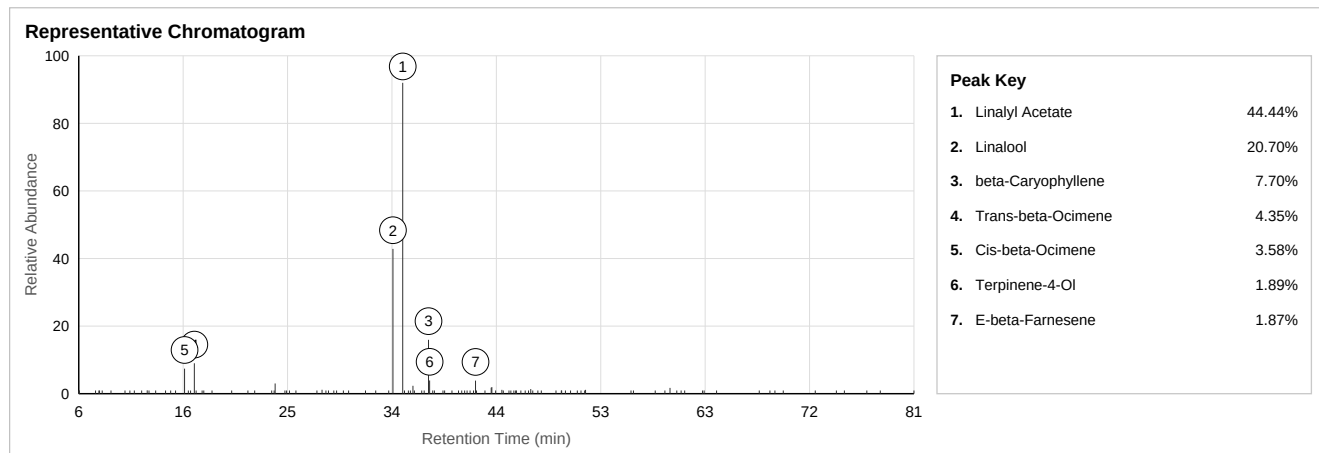


GC-MS Composition Profile

Product Name	Lavender French
Botanical Name	Lavandula angustifolia
INCI Name	Lavandula Officinalis Flower Oil
Country of Origin	France
CAS Number	84776-65-8
Analysis Date	April 12, 2026
Profile Type	Typical / representative composition profile; natural lots may vary.

Representative Chromatogram



Peak Composition Table

Peak	RT (min)	Compound	Typical %
1	6.18	Isovaleraldehyde	0.03
2	6.24	Hexane, 1-Methoxy-	0.01
3	7.69	Tricyclene	0.01
4	7.99	alpha-Pinene	0.14
5	8.05	alpha-Thuyene	0.05
6	8.29	Toluene	0.01
7	9.08	Camphene	0.16
8	10.34	beta-Pinene	0.05
9	10.78	Sabinene	0.02
10	11.18	Isobutyl Isobutyrate	0.01
11	11.84	Delta3-Carene	0.11
12	12.34	beta-Myrcene	0.48
13	12.50	alpha-Phellandrene	0.02
14	13.10	alpha-Terpinene	0.02
15	13.99	Limonene	0.20
16	14.45	1,8-Cineole	0.44
18	14.89	2-Hexenal	0.02
19	15.70	Cis-beta-Ocimene	3.58
20	16.04	Aliphatic Ester	0.03
21	16.24	gamma-Terpinene	0.06
22	16.58	Trans-beta-Ocimene	4.35
23	16.74	3-Octanone	0.14
24	17.28	M-Cymene	0.08
25	17.43	P-Cymene	0.17
26	18.17	Terpinolene	0.07
27	19.94	3-Hexen-1-ol Acetate	0.02
28	21.40	3-Octanol Acetate	0.01
29	22.01	1-Hexanol	0.08
30	23.54	Allo-Ocimene	0.07
31	23.76	3-Hexen-1-ol	0.10

Peak	RT (min)	Compound	Typical %
32	23.85	1-Octen-3-Yl Acetate	1.46
33	24.73	3-Octanol	0.02
34	24.88	Trans-Cis-1,3,5-Undecatriene	0.08
35	25.14	Rosefuran	0.03
36	25.72	Galbanolene	0.02
37	27.61	Linalool Cis-Oxide	0.38
38	28.07	1-Octen-3-ol	0.56
39	28.42	Compound Mw=148	0.04
40	28.65	Aliphatic Compound	0.02
41	29.13	Trans-Thuyanol	0.06
42	29.38	Linalool Trans-Oxide	0.30
43	29.99	Octyl Acetate	0.01
44	30.46	Myroxyde	0.03
45	31.98	Camphor	0.23
46	32.90	beta-Bourbonene	0.02
47	34.07	Bergamotene Isomer	0.04
48	34.45	Linalool	20.70
49	35.33	Linalyl Acetate	44.44
50	35.49	Bergamotene Isomer	0.05
51	35.84	Bornyl Formate	0.05
52	36.02	alpha-Cis-Bergamotene	0.10
53	36.25	alpha-Santalene	1.13
54	36.38	Bornyl Acetate	0.14
55	37.04	alpha-Trans-Bergamotene	0.29
56	37.26	beta-Elementene	0.03
57	37.65	beta-Caryophyllene	7.70
58	37.75	Terpinene-4-ol	1.89
59	38.03	Lavandulyl Acetate	0.46
60	38.18	Sesquiterpene	0.02
61	38.95	Sesquiterpene	0.12
62	39.10	Terpenic Compound	0.01
63	39.76	Epi-beta-Santalene	0.06
64	40.35	Farnesene Isomer	0.03
65	40.64	Terpenic Ester	0.03
66	40.90	Farnesene Isomer	0.07
67	41.12	Compound Mw=122	0.02
68	41.39	Farnesene Isomer	0.13
69	41.70	alpha-Humulene	0.05
70	41.88	E-beta-Farnesene	1.87
71	41.97	Lavandulol	0.20
72	42.73	Z-beta-Farnesene	0.12
73	43.29	alpha-Terpineol	0.86
74	43.35	Borneol	0.94
75	43.69	Verbenone	0.02
76	44.25	Germacrene D	0.55
77	44.38	Sesquiterpene	0.03
78	44.89	Phellandral	0.02
79	45.06	Neryl Acetate	0.35
80	45.33	beta-Bisabolene	0.07
81	45.49	Cis-Pyranic Linalool Oxide	0.03
82	45.56	Bicyclogermacrene	0.02
83	45.96	Trans-Piperitol	0.01
84	46.35	Sesquiterpene	0.01
85	46.65	E,E-alpha-Farnesene	0.02
86	46.85	Geranyl Acetate	0.66
88	47.03	gamma-Cadinene	0.09
89	47.49	P-Methylacetophenone	0.02
90	47.80	beta-Sesquiphellandrene	0.03
91	49.12	Nerol	0.20
92	49.60	3,5,7-Octatriene-2-ol, E,Z-2,6-Dimethyl-	0.02

Peak	RT (min)	Compound	Typical %
93	49.63	Cis-Epoxylinallyl Acetate	0.05
94	49.97	Trans-Epoxylinallyl Acetate	0.04
95	50.43	3,5,7-Octatriene-2-Ol, E,E-2,6-Dimethyl-	0.04
96	51.04	Trans-Carveol	0.02
97	51.37	M-Cymene-8-Ol	0.13
98	51.70	P-Cymene-8-Ol	0.08
99	51.78	Geraniol	0.55
100	55.87	Piperitenone	0.01
101	56.09	Humulene Epoxide	0.08
102	58.05	Aromatic Compound	0.05
103	58.92	Isocaryophyllene Oxide	0.11
104	59.38	Caryophyllene Oxide	0.83
105	59.99	Sesquiterpenic Compound	0.03
106	60.38	Sesquiterpenic Compound	0.03
107	60.70	alpha-Photosantalol A	0.15
108	62.31	Epoxy-6,7-Humulene	0.01
109	62.45	Nerolidol	0.01
110	63.57	Aromatic Compound	0.01
111	67.41	Ketonic Compound	0.01
112	68.37	Sesquiterpenic Compound	0.03
113	68.82	T-Cadinol	0.04
114	69.57	Sesquiterpenic Compound	0.01
115	72.45	Geranyl-alpha-Terpinene	0.04
116	74.35	alpha-Bisabolol	0.02
117	75.07	Geranyl-P-Cymene	0.01
118	77.09	Aromatic Compound	0.01
119	78.30	Aromatic Compound	0.01
120	81.33	Coumarin	0.10

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