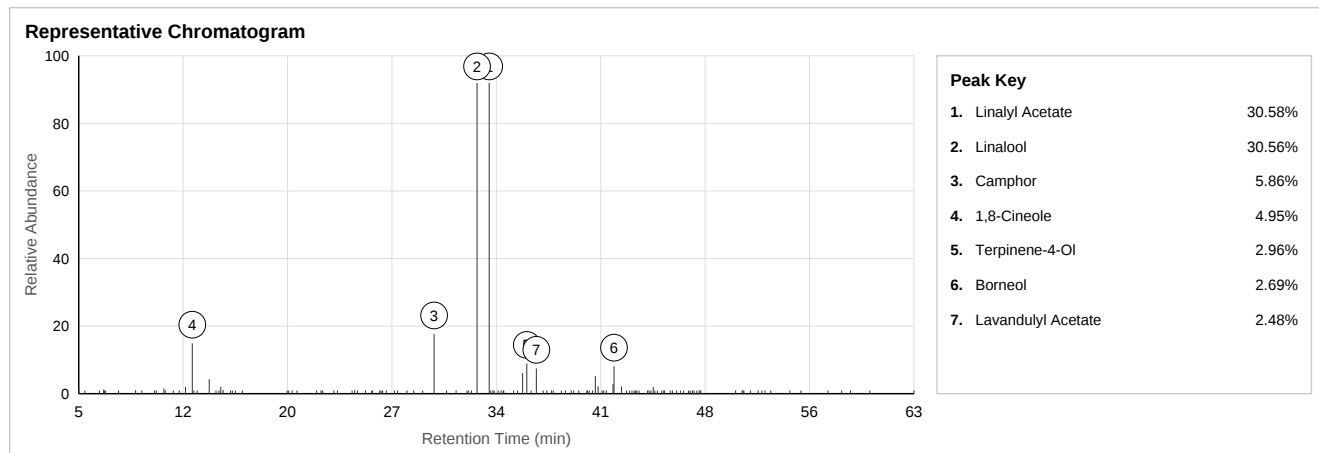


GC-MS Composition Profile

Product Name	Lavender Officinalis 40/42 Premium -France OLD
Botanical Name	Lavandula officinalis
INCI Name	Lavandula Officinalis Flower Oil
Country of Origin	TO DO
CAS Number	84776-65-8
Analysis Date	May 03, 2026
Profile Type	Typical / representative composition profile; natural lots may vary.

Representative Chromatogram



Peak Composition Table

Peak	RT (min)	Compound	Typical %
1	5.14	Isovaleraldehyde	0.02
2	5.56	Hexane, 1-Methoxy-	0.06
3	6.57	Tricyclene	0.02
4	6.86	alpha-Pinene	0.39
5	6.94	alpha-Thuyene	0.08
6	6.97	Prenol	0.01
7	7.89	Camphene	0.29
8	9.07	beta-Pinene	0.35
9	9.50	Sabinene	0.12
10	10.37	Butyl Isobutyrate	0.01
11	10.50	Delta3-Carene	0.11
12	11.03	beta-Myrcene	0.52
13	11.12	alpha-Phellandrene	0.04
14	11.68	alpha-Terpinene	0.04
15	12.09	1,8-Cineole, 2,3-Dehydro-	0.01
16	12.52	Limonene	0.66
17	12.99	1,8-Cineole	4.95
18	13.10	beta-Phellandrene	0.14
19	13.33	Butyl Butyrate	0.04
20	14.16	Cis-beta-Ocimene	1.42
21	14.63	gamma-Terpinene	0.12
22	14.83	Butyl 2-Methylbutyrate	0.02
23	14.96	Trans-beta-Ocimene	0.69
24	15.12	3-Octanone	0.37
25	15.63	M-Cymene	0.02
26	15.76	P-Cymene	0.12
27	15.97	Hexyl Acetate	0.19
28	16.45	Terpinolene	0.21
29	19.55	3-Octanol Acetate	0.02
30	19.66	Hexyl Propionate	0.04

Peak	RT (min)	Compound	Typical %
31	19.90	Hexyl Methylpropionate	0.15
32	20.23	1-Hexanol	0.12
33	21.59	Allo-Ocimene	0.04
34	21.89	1-Octen-3-Yl Acetate	0.34
35	22.00	3-Hexen-1-Ol	0.04
36	22.78	3-Octanol	0.11
37	23.03	Galbanolene	0.01
38	24.04	Butyl Caproate	0.01
39	24.22	Hexyl Butyrate	0.35
40	24.41	Hexenyl Ester	0.01
41	24.97	Hexyl 2-Methylbutyrate	0.06
42	25.40	alpha,P-Dimethylstyrene	0.02
43	25.46	Linalool Cis-Oxide	0.10
44	25.95	Hexyl 3-Methylbutyrate	0.13
45	26.04	1-Octen-3-Ol	0.22
46	26.15	Camphenilone	0.03
47	26.41	1-Heptanol	0.03
48	26.96	Trans-Thuyanol	0.16
49	27.18	Linalool Trans-Oxide	0.11
50	27.83	Octyl Acetate	0.02
51	28.30	alpha-Campholenal	0.02
52	28.92	Daucene	0.08
53	29.71	Camphor	5.86
54	30.57	beta-Bourbonene	0.05
55	31.23	alpha-Gurjunene	0.02
56	31.98	Bergamotene Isomer	0.09
57	32.10	beta1-Cubebene	0.02
58	32.30	Cis-Thuyanol	0.05
59	32.68	Linalool	30.56
60	33.52	Linalyl Acetate	30.58
61	33.63	Bergamotene Isomer	0.09
62	33.78	Aliphatic Ester	0.05
63	33.86	Bornyl Formate	0.04
64	34.14	alpha-Cis-Bergamotene	0.05
65	34.34	alpha-Santalene	0.27
66	34.49	Epsilon-Cadinene	0.02
67	34.53	Bornyl Acetate	0.06
68	35.21	alpha-Trans-Bergamotene	0.15
69	35.48	beta-Cubebene	0.04
70	35.83	beta-Caryophyllene	2.03
71	36.12	Terpinene-4-Ol	2.96
72	36.42	Acetate De Terpinen-4-Yle	0.03
73	36.78	Lavandulyl Acetate	2.48
74	37.25	Hexyl Caproate	0.04
75	37.51	Aromadendrene	0.04
76	37.83	Hexyl Tiglate	0.16
77	37.95	Myrtenal	0.02
78	38.51	Epi-beta-Santalene	0.02
79	38.79	Germacrene A	0.03
80	39.19	Farnesene Isomer	0.06
81	39.36	beta-Santalene	0.03
82	39.71	Trans-Pinocarveol	0.03
83	40.27	Zonarene	0.06
84	40.31	Farnesene Isomer	0.13
86	40.44	alpha-Humulene	0.08
87	40.66	Delta-Terpineol	0.11
88	40.86	E-beta-Farnesene	1.72
89	41.05	Lavandulol	0.73
90	41.33	Z-beta-Farnesene	0.07
91	41.44	Neral	0.05

Peak	RT (min)	Compound	Typical %
92	41.62	gamma-Curcumene	0.02
93	42.08	alpha-Terpineol	0.94
94	42.15	Borneol	2.69
95	42.67	Germacrene D	0.71
96	43.01	Phellandral	0.02
97	43.21	Menthadienol Isomer	0.01
98	43.39	alpha-Zingiberene	0.03
99	43.54	Neryl Acetate	0.25
100	43.64	beta-Bisabolene	0.19
101	43.73	Bicyclogermacrene	0.03
102	43.88	Cis-Pyranic Linalool Oxide	0.02
103	44.47	beta-Curcumene	0.03
104	44.57	Lavandulyl Butyrate	0.07
105	44.70	E,E-alpha-Farnesene	0.08
106	44.86	Geranyl Acetate	0.67
108	44.97	Trans-Pyranic Linalool Oxide	0.03
109	45.15	Lavandulyl Methylbutyrate	0.26
110	45.45	beta-Sesquiphellandrene	0.13
111	45.59	Trans-alpha-Bisabolene	0.03
112	45.65	Cuminal	0.04
113	46.04	Myrtenol	0.03
114	46.20	Campholenol	0.03
115	46.48	Nerol	0.15
116	46.74	Cis-Epoxylinallyl Acetate	0.03
117	46.96	Trans-Epoxylinallyl Acetate	0.02
118	47.30	3,5,7-Octatriene-2-Ol, E,E-2,6-Dimethyl-	0.01
119	47.42	Trans-Anethol	0.01
120	47.57	Calamenene	0.02
121	47.68	Trans-Carveol	0.02
122	47.88	M-Cymene-8-Ol	0.03
123	48.05	P-Cymene-8-Ol	0.06
124	48.15	Geraniol	0.35
125	50.56	Humulene Epoxide	0.02
126	51.01	Geranyl Methylbutyrate	0.01
127	51.06	Aliphatic Ester	0.01
128	51.13	Hexenylic Ester	0.01
129	51.58	3,7-Octadiene-2,6-Diol, 2,6-Dimethyl-	0.02
130	52.12	Isocaryophyllene Oxide	0.02
131	52.37	Caryophyllene Oxide	0.14
132	52.59	Terpenic Compound	0.01
133	52.99	alpha-Photosantalol A	0.02
134	54.31	Epi-Cubenol	0.02
135	55.07	Cuminol	0.02
136	56.94	T-Cadinol	0.16
137	57.89	alpha-Bisabolol	0.31
138	58.50	Geranyl-alpha-Terpinene	0.01
139	59.84	Aromatic Compound	0.01
140	62.89	Coumarin	0.12

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