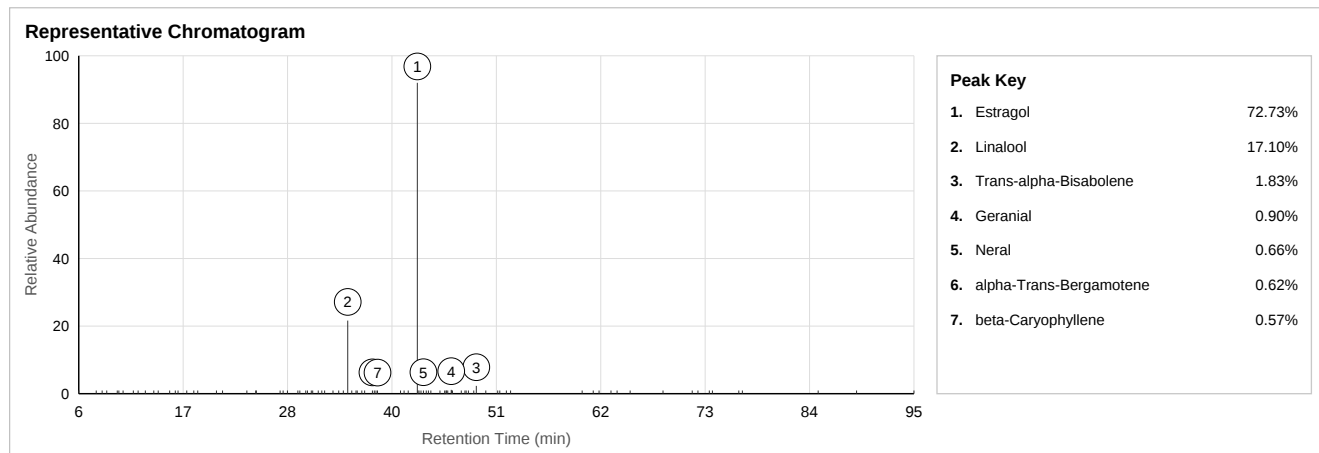


GC-MS Composition Profile

Product Name	Basil Holy-Tulsi - ORGANIC
Botanical Name	Ocimum sanctum
INCI Name	Ocimum Basilicum Oil
Country of Origin	India
CAS Number	8015-73-4 / 84775-71-3
Analysis Date	September 27, 2025
Profile Type	Typical / representative composition profile; natural lots may vary.

Representative Chromatogram



Peak Composition Table

Peak	RT (min)	Compound	Typical %
1	6.24	Isovaleraldehyde	0.01
2	8.10	alpha-Pinene	0.08
3	8.73	Terpenic Compound	0.02
4	9.22	Camphene	0.01
5	10.34	Undecane	0.01
6	10.51	beta-Pinene	0.05
7	10.96	Sabinene	0.02
8	12.05	Delta3-Carene	0.01
9	12.56	beta-Myrcene	0.07
10	13.33	alpha-Terpinene	0.01
11	14.23	Limonene	0.10
12	14.70	1,8-Cineole	0.15
13	15.92	Cis-beta-Ocimene	0.02
14	16.52	gamma-Terpinene	0.01
15	16.81	Trans-beta-Ocimene	0.26
16	17.74	P-Cymene	0.06
17	18.49	Terpinolene	0.03
18	18.91	Octanal	0.02
19	20.90	Cyclohexanone, 2,2,6-Trimethyl-	0.01
20	21.55	5-Hepten-2-One, 6-Methyl-	0.17
21	24.14	3-Hexen-1-ol	0.01
22	25.08	3-Octanol	0.01
23	25.15	Fenchone	0.02
24	27.68	alpha,P-Dimethylstyrene	0.01
25	28.00	Linalool Cis-Oxide	0.05
26	28.46	1-Octen-3-ol	0.02
27	29.57	Menthone	0.04
28	29.78	Linalool Trans-Oxide	0.05
29	30.41	Octyl Acetate	0.02
30	30.59	Epihotocitral A	0.01

Peak	RT (min)	Compound	Typical %
31	31.00	1-Hexanol, 2-Ethyl-	0.01
32	31.15	Isomenthone	0.03
33	31.74	alpha-Copaene	0.04
34	32.12	Exo-Isocitral	0.02
35	32.42	Camphor	0.02
36	33.31	beta-Bourbonene	0.02
37	33.92	alpha-Gurjunene	0.02
38	34.41	Bergamotene Isomer	0.02
39	34.88	Linalool	17.10
40	35.31	1-Octanol	0.04
41	35.76	Bergamotene Isomer	0.02
42	35.89	Menthyl Acetate	0.01
43	36.38	alpha-Cis-Bergamotene	0.04
44	36.68	Epsilon-Cadinene	0.04
45	37.51	alpha-Trans-Bergamotene	0.62
46	37.71	Neomenthol	0.07
48	37.89	beta-Cubebene	0.03
49	38.05	beta-Caryophyllene	0.57
50	40.50	Menthol	0.23
51	40.88	Sesquiterpene	0.01
52	41.32	Farnesene Isomer	0.06
53	42.29	Estragol	72.73
54	42.35	E-beta-Farnesene	0.44
55	42.47	Sesquiterpene	0.10
56	42.68	alpha-Humulene	0.29
57	42.94	Neral	0.66
58	43.24	Z-beta-Farnesene	0.10
59	43.47	gamma-Murolene	0.02
60	43.73	alpha-Terpineol	0.15
61	44.70	Germacrene D	0.40
62	45.20	beta-Selinene	0.02
63	45.34	Hexenyl Ester	0.07
64	45.41	alpha-Zingiberene	0.04
65	45.53	Sesquiterpene	0.04
66	45.90	Geranial	0.90
67	45.95	beta-Bisabolene	0.11
68	46.03	Bicyclgermacrene	0.08
69	46.97	Cis-Anethol	0.02
70	47.36	Delta-Cadinene	0.05
71	47.49	gamma-Cadinene	0.01
72	47.73	1-Decanol	0.01
73	48.30	beta-Sesquiphellandrene	0.03
75	48.57	Trans-alpha-Bisabolene	1.83
76	49.58	Nerol	0.08
77	50.85	Terpenic Compound	0.03
78	51.07	Trans-Anethol	0.10
79	51.77	Aromatic Compound	0.02
80	52.22	Geraniol	0.07
81	59.84	Caryophyllene Oxide	0.02
82	61.02	Methyleugenol	0.05
83	61.64	Anisaldehyde	0.03
84	62.91	Nerolidol	0.04
85	63.56	Cis-1,2-Dihydroxy-P-Menth-2-Ene	0.01
86	64.95	Spathulenol	0.01
87	68.45	Eugenol	0.08
88	71.56	alpha-Bisabolol	0.03
89	72.17	beta-Eudesmol	0.02
90	73.38	Sesquiterpenic Oxide	0.03
91	73.71	Trans-Limonene-1,2-Diol	0.01
92	76.52	Chavicol	0.03

Peak	RT (min)	Compound	Typical %
94	76.90	Geranic Acid	0.02
95	84.97	Cinnamaldehyde, 3-Methoxy-	0.06
96	89.06	Aromatic Compound	0.03
97	95.17	Palmitic Acid	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.