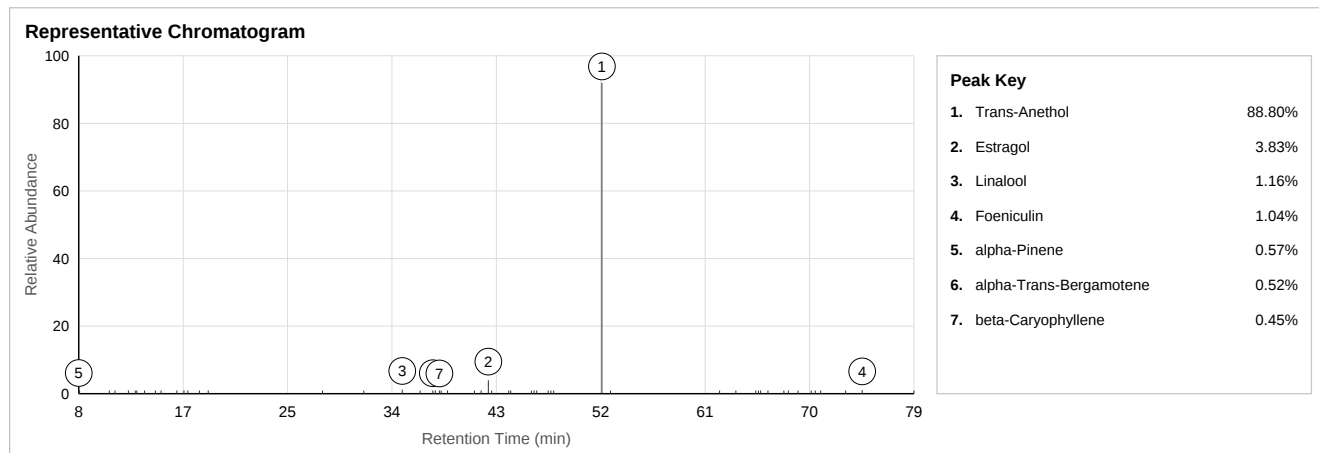


GC-MS Composition Profile

Product Name	Anise Star
Botanical Name	Illicium verum
INCI Name	Illicium Verum Fruit/Seed Oil
Country of Origin	China
CAS Number	84650-59-9
Analysis Date	March 29, 2026
Profile Type	Typical / representative composition profile; natural lots may vary.

Representative Chromatogram



Peak Composition Table

Peak	RT (min)	Compound	Typical %
1	7.70	alpha-Pinene	0.57
2	7.77	alpha-Thuyene	0.02
3	10.29	beta-Pinene	0.05
4	10.77	Sabinene	0.05
5	11.91	Delta3-Carene	0.16
6	12.49	beta-Myrcene	0.07
7	12.62	alpha-Phellandrene	0.33
8	13.28	alpha-Terpinene	0.04
9	14.20	Limonene	0.33
10	14.68	beta-Phellandrene	0.35
12	16.02	Cis-beta-Ocimene	0.01
13	16.62	gamma-Terpinene	0.05
14	16.95	Trans-beta-Ocimene	0.01
15	17.93	P-Cymene	0.06
16	18.68	Terpinolene	0.04
17	28.37	Linalool Cis-Oxide	0.01
18	31.87	alpha-Copaene	0.12
19	35.13	Linalool	1.16
20	36.65	alpha-Cis-Bergamotene	0.08
21	37.72	alpha-Trans-Bergamotene	0.52
22	37.93	beta-Elemene	0.03
23	38.28	beta-Caryophyllene	0.45
24	38.43	Sesquiterpene	0.10
25	38.97	Aromadendrene	0.04
26	41.25	Sesquiterpene	0.01
27	41.82	Farnesene Isomer	0.05
28	42.43	Estragol	3.83
29	42.71	alpha-Humulene	0.10
30	44.16	alpha-Terpineol	0.07
31	44.33	Ledene	0.05

Peak	RT (min)	Compound	Typical %
32	46.08	Sesquiterpene	0.02
33	46.31	beta-Bisabolene	0.09
34	46.53	Bicyclogermacrene	0.08
35	47.50	Cis-Anethol	0.22
36	47.73	E,E-alpha-Farnesene	0.09
37	47.97	Delta-Cadinene	0.11
39	52.06	Trans-Anethol	88.80
40	52.79	Geraniol	0.03
41	62.04	Anisaldehyde	0.37
42	63.42	Nerolidol	0.08
43	65.10	Globulol	0.03
44	65.33	Elemol	0.01
45	65.52	Compound Mw=166	0.05
46	66.14	Chavicol	0.04
47	67.49	Spathulenol	0.02
48	67.87	Compound Mw=148	0.01
49	68.69	Anicetone	0.06
50	69.81	T-Cadinol	0.02
51	70.15	Methylisoeugenol	0.03
52	70.61	Delta-Cadinol	0.02
53	72.73	alpha-Cadinol	0.05
54	74.13	Foeniculin	1.04
55	78.52	E,E-Farnesol	0.01

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