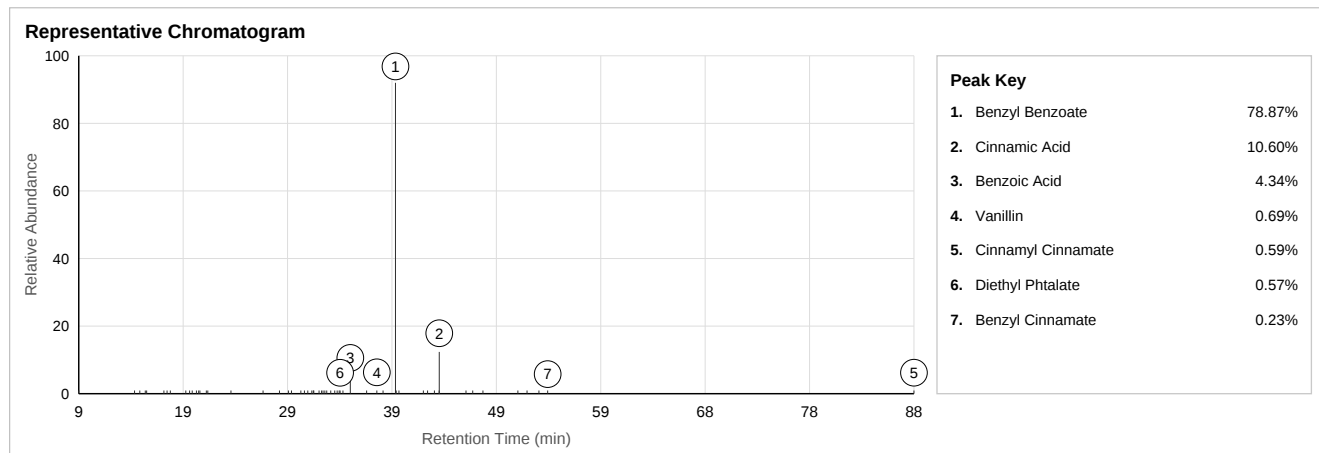


GC-MS Composition Profile

Product Name	Benzoin
Botanical Name	Styrax benzoin
INCI Name	Styrax Benzoin Resin Extract
Country of Origin	India
CAS Number	8024-01-9/84929-79-3
Analysis Date	January 06, 2026
Profile Type	Typical / representative composition profile; natural lots may vary.

Representative Chromatogram



Peak Composition Table

Peak	RT (min)	Compound	Typical %
1	8.98	Styrene	0.05
2	14.28	Sesquiterpene	0.01
3	14.78	alpha-Copaene	0.10
4	15.30	beta-Bourbonene	0.03
5	15.43	Benzaldehyde	0.02
6	17.07	beta-Elemene	0.08
7	17.37	beta-Caryophyllene	0.07
8	17.68	Aromadendrene	0.02
9	19.15	alpha-Humulene	0.02
10	19.51	gamma-Murolene	0.09
11	19.76	Ledene	0.02
12	20.16	Sesquiterpene	0.02
13	20.37	alpha-Murolene	0.04
14	20.49	alpha-Selinene	0.01
15	21.10	Delta-Cadinene	0.12
16	21.24	gamma-Cadinene	0.04
17	23.44	alpha-Calacorene	0.03
18	26.49	Sesquiterpenic Compound	0.02
19	28.05	Junenol	0.03
20	28.90	Sesquiterpenic Compound	0.02
21	29.19	Spathulenol	0.07
22	30.08	T-Cadinol	0.02
23	30.42	alpha-Murolol	0.02
24	30.74	Compound Mw=232	0.01
25	31.12	Compound Mw=232	0.01
26	31.26	Sesquiterpenic Compound	0.03
27	31.31	alpha-Cadinol	0.05
28	31.81	Compound Mw=232	0.01
29	32.05	Eudesma-7(11)-En-4-Ol	0.03
30	32.19	Cinnamic Alcohol	0.01

Peak	RT (min)	Compound	Typical %
31	32.36	Sesquiterpenic Oxide	0.01
32	32.54	Sesquiterpenic Oxide	0.02
33	32.92	Sesquiterpenic Oxide	0.02
34	33.30	Isoeugenol	0.03
35	33.53	Compound Mw=220	0.01
36	33.72	Compound Mw=220	0.02
37	33.81	Diethyl Phtalate	0.57
38	34.08	Compound Mw=220	0.03
39	34.78	Benzoic Acid	4.34
40	36.33	Chavicol	0.03
41	37.30	Vanillin	0.69
42	37.89	Dihydroeugenol Isomer	0.02
43	39.07	Benzyl Benzoate	78.87
44	39.14	Vanillyl Methyl Ketone	0.04
45	39.40	Benzylic Ester Mw=236	0.02
46	41.72	Aliphatic Ester	0.02
47	42.12	Aromatic Ester	0.02
48	42.77	Compound Mw=220	0.04
49	43.22	Compound Mw=246	0.04
50	43.23	Cinnamic Acid	10.60
51	45.77	Compound Mw=260	0.02
52	46.41	Aromatic Compound	0.02
53	47.38	Aromatic Compound	0.04
54	50.70	Aromatic Compound	0.01
55	51.57	Aromatic Compound	0.07
56	52.70	Coniferaldehyde	0.02
57	53.53	Benzyl Cinnamate	0.23
58	88.33	Cinnamyl Cinnamate	0.59

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