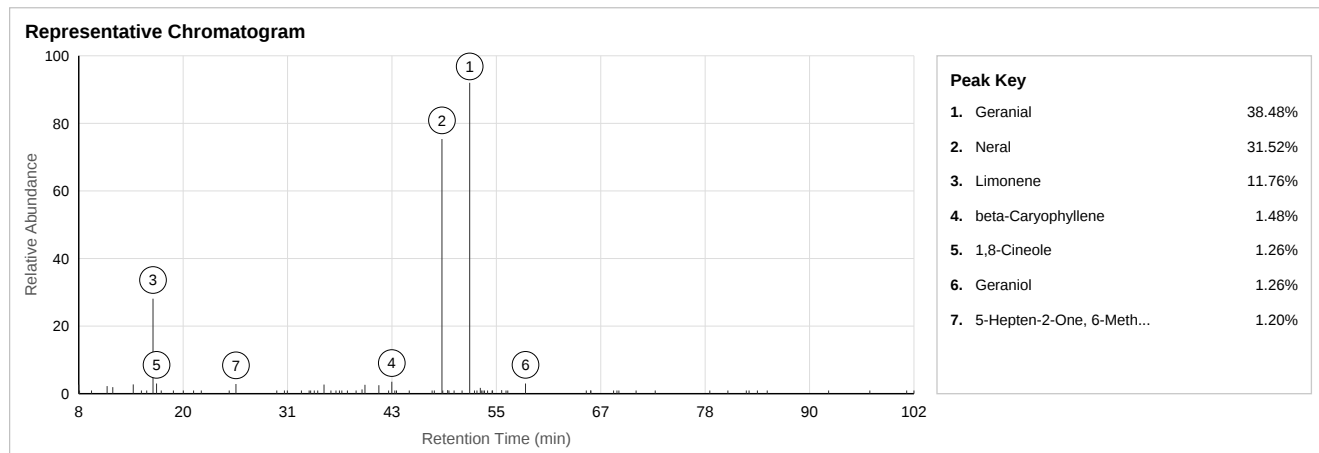


GC-MS Composition Profile

Product Name	Litsea Cubeba
Botanical Name	Litsea cubeba
INCI Name	Litsea Cubeba Fruit Oil
Country of Origin	Philippines
CAS Number	68855-99-2 / 90063-59-5
Analysis Date	September 05, 2025
Profile Type	Typical / representative composition profile; natural lots may vary.

Representative Chromatogram



Peak Composition Table

Peak	RT (min)	Compound	Typical %
1	7.78	alpha-Pinene	1.12
2	7.87	alpha-Thuyene	0.03
3	9.22	Camphene	0.29
4	10.98	beta-Pinene	0.94
5	11.62	Sabinene	0.81
6	13.93	beta-Myrcene	1.15
8	14.85	alpha-Terpinene	0.03
9	15.45	1,8-Cineole, 2,3-Dehydro-	0.06
10	16.16	Limonene	11.76
11	16.56	1,8-Cineole	1.26
13	17.09	1,3,8-P-Menthatriene	0.03
14	18.46	Cis-beta-Ocimene	0.03
17	19.58	Trans-beta-Ocimene	0.04
18	20.74	P-Cymene	0.03
19	21.61	Terpinolene	0.08
20	24.76	4-Nonanone	0.03
21	25.52	5-Hepten-2-One, 6-Methyl-	1.20
22	30.13	Rosefuran	0.03
23	30.99	Compound Mw=152	0.02
24	31.32	Perillene	0.02
25	32.91	Limonene Cis-1,2-Epoxyde	0.02
26	33.78	Limonene Trans-1,2-Epoxyde	0.02
27	33.95	alpha-Cubebene	0.03
28	34.36	5-Hepten-2-ol, 6-Methyl-	0.05
29	34.75	Linalool Trans-Oxide	0.01
30	35.46	Citronellal	1.13
31	36.24	alpha-Copaene	0.07
32	36.81	Decanal	0.01
33	37.20	Exo-Isocitral	0.04
34	37.47	Camphor	0.01

Peak	RT (min)	Compound	Typical %
35	38.10	beta-Bourbonene	0.04
36	39.08	Sativene	0.01
37	39.75	Z-Isocitral	0.53
38	40.08	Linalool	1.10
39	41.65	E-Isocitral	1.05
40	42.75	beta-Elementene	0.20
41	43.11	beta-Caryophyllene	1.48
42	43.45	Terpinene-4-Ol	0.13
43	43.64	Rosefuran Oxide	0.04
44	45.08	Cis-Verbenol	0.02
45	47.66	alpha-Humulene	0.11
46	47.91	E-beta-Farnesene	0.03
47	48.77	Neral	31.52
48	48.86	Compound Mw=152	0.09
49	49.41	alpha-Terpineol	0.44
50	49.56	Borneol	0.08
51	50.14	Germacrene D	0.03
52	51.04	Piperitone	0.05
53	51.90	Geranial	38.48
54	52.44	Cis-Isopiperitenol	0.02
55	52.72	Trans-Isopiperitenol	0.04
56	53.10	Geranyl Acetate	0.72
57	53.21	Delta-Cadinene	0.12
58	53.40	Methyl Salicylate	0.01
59	53.57	Citronellol	0.15
60	53.92	Perillaldehyde	0.02
61	54.43	P-Mentha-1,5-Dien-8-Ol	0.01
62	54.48	Cadina-1,4-Diene	0.02
63	55.51	Nerol	0.44
64	56.00	Cis-Isogeraniol	0.02
65	56.20	Aromatic Compound	0.02
66	58.20	Geraniol	1.26
67	65.06	Isocaryophyllene Oxide	0.02
68	65.56	Caryophyllene Oxide	0.11
69	65.57	Sesquiterpenic Compound	0.04
70	68.14	Terpenic Alcohol	0.04
71	68.52	Sesquiterpenic Compound	0.02
72	68.74	Chrysanthene Isomer	0.03
73	70.68	Sesquiterpenic Compound	0.02
74	72.84	Spathulenol	0.01
75	79.00	Citronellic Acid	0.04
76	81.04	Neric Acid	0.06
77	83.12	Geranic Acid	0.28
78	83.43	Isoeugenol	0.04
79	84.37	Aromatic Compound	0.01
80	85.48	Aromatic Compound	0.02
81	92.41	Sesquiterpenic Compound	0.01
82	97.06	Aromatic Compound	0.02
83	101.22	Sesquiterpenic Compound	0.02
84	102.04	Sesquiterpenic Compound	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.