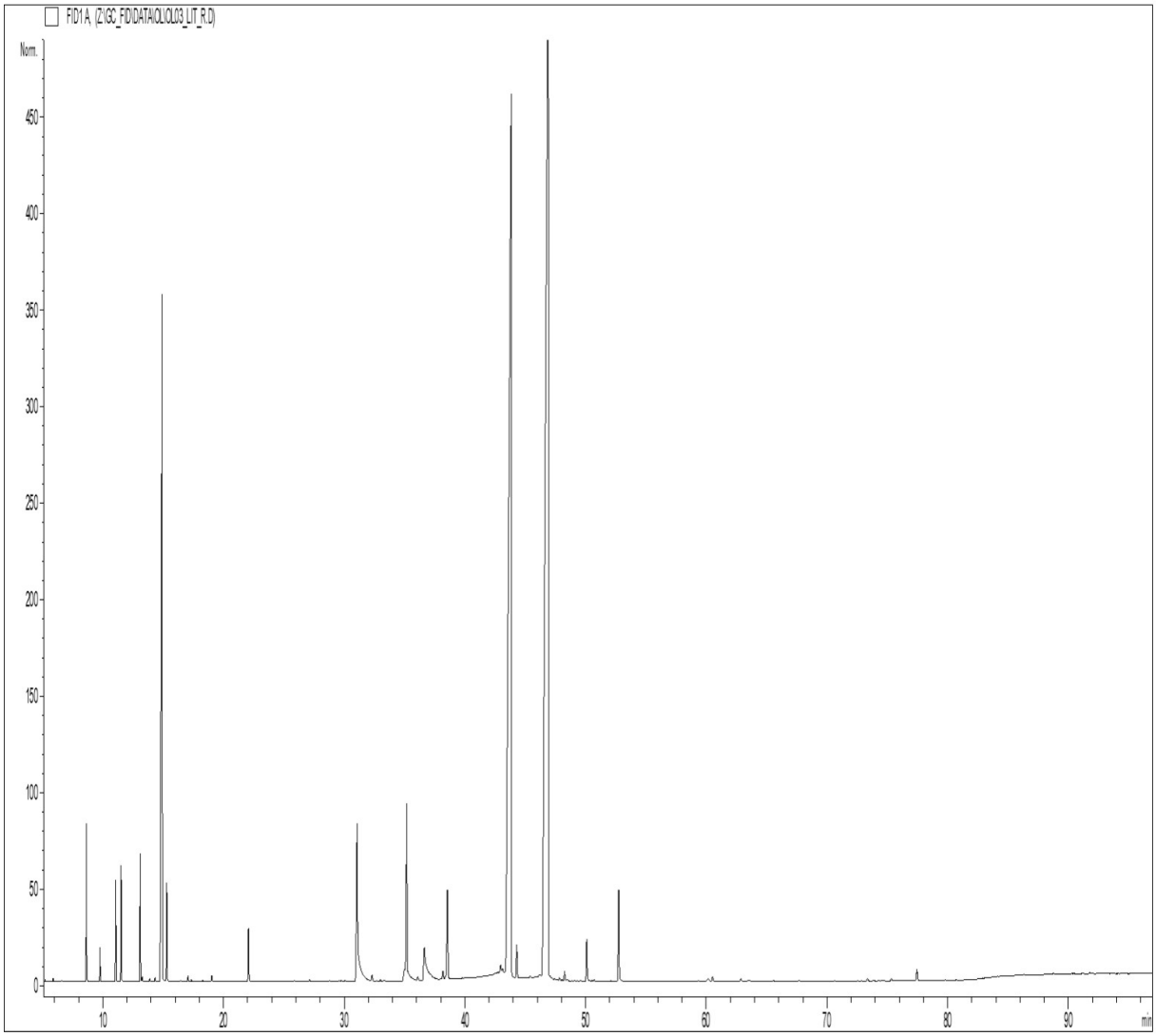
MALIKA ESSENTIALS

GC/MS ANALYSIS REPORT

Product Name	Litsea Cubeba Essential Oil
Botanical Name	Litsea cubeba
Analysis Date	October 06, 2025

Note: This GC/MS report is a representative analysis of this product. Due to volume turnover, it is not specific to an individual lot; specific lots may vary slightly, as is the case with natural products. The lot-specific quality document for each batch is its Certificate of Analysis.

Chromatogram



Identified Compounds

Peak	RT (min)	Compound name	%
1	8.65	alpha-PINENE	0.98
2	8.70	alpha-THUYENE	0.03
3	9.77	CAMPHENE	0.24
4	11.07	beta-PINENE	0.76
5	11.52	SABINENE	0.85
6	13.11	beta-MYRCENE	0.98
7	13.28	alpha-PHELLANDRENE	0.04
8	13.90	alpha-TERPINENE	0.02
9	14.34	1,8-CINEOLE, 2,3-DEHYDRO-	0.04
10	14.92	LIMONENE	9.27
11	15.30	1,8-CINEOLE	0.81
12		beta-PHELLANDRENE	
13	16.46	cis-beta-OCIMENE	0.01
14	17.07	gamma-TERPINENE	0.05
15	17.35	trans-beta-OCIMENE	0.02
16	18.28	p-CYMENE	0.01
17	19.03	TERPINOLENE	0.06

18	22.07	5-HEPTEN-2-ONE, 6-METHYL-	0.52
19	25.89	ROSEFURAN	0.01
20	27.12	PERILLENE	0.02
21	28.78	LIMONENE cis-1,2-EPOXIDE	0.01
22	29.59	LIMONENE trans-1,2-EPOXIDE	0.01
23	29.76	5-HEPTEN-2-OL, 6-METHYL-	0.02
24	30.05	trans-THUYANOL	0.02
25	31.07	CITRONELLAL	3.40
26	32.31	alpha-COPAENE	0.07
27	32.68	EXO-ISOCITRAL	0.02
28	33.00	CAMPHOR	0.02
29	33.27	ALIPHATIC ESTER	0.03
30	34.78	Z-ISOCITRAL	0.97
31	35.17	LINALOOL	1.84
32	36.09	NEOISOPULEGOL	0.05
33	36.64	E-ISOCITRAL	1.31
34	38.19	beta-ELEMENE	0.10
35	38.43	ROSEFURAN OXIDE	0.02
36	38.57	TERPINENE-4-OL	0.28
37	38.60	beta-CARYOPHYLLENE	1.05
38	39.99	cis-p-MENTHA-2,8-DIEN-1-OL	0.02
39	41.58	ALLO-AROMADENDRENE	0.01
40	42.97	alpha-HUMULENE	0.09
41	43.11	E-beta-FARNESENE	0.05
42	43.84	NERAL	32.76
43	44.30	alpha-TERPINEOL	0.37
44	44.35	TERPENYL ACETATE	0.05
45	45.42	GERMACRENE D	0.03
46	46.15	PIPERITONE	0.02
47	46.23	COMPOUND Mw=152	0.03
48	46.91	GERANIAL	40.10
49	47.05	BICYCLOGERMACRENE	0.04
50	47.44	trans-ISOPIPERITENOL	0.02
51	47.67	E,E-alpha-FARNESENE	0.01
52	47.84	GERANYL ACETATE	0.03
53	48.04	delta-CADINENE	0.02
54	48.27	CITRONELLOL	0.13
55	48.46	METHYL SALICYLATE	0.04
56	49.07	beta-SESQUIPHELLANDRENE	0.01
57	49.57	trans-alpha-BISABOLENE	0.02
58	50.10	NEROL	0.52
59	50.55	cis-ISOGERANIOL	0.02
60	50.73	trans-ISOGERANIOL	0.02
61	52.76	GERANIOL	1.14
62	60.16	COMPOUND Mw=152	0.06
63	60.53	CARYOPHYLLENE OXIDE	0.06
64	62.87	OXIDE COMPOUND	0.03
65	63.59	OXIDE COMPOUND	0.02
66	67.70	SPATHULENOL	0.01
67	73.36	CITRONELLIC ACID	0.03
68	73.89	EUDESMA-7(11)-EN-4-OL	0.01
69	75.35	NERIC ACID	0.03
70	77.46	GERANIC ACID	0.16
71	79.82	AROMATIC COMPOUND	0.01
72	86.31	AROMATIC COMPOUND	0.01
73	88.77	AROMATIC COMPOUND	0.02
74	91.77	ACID COMPOUND	0.01

75	92.39	AROMATIC COMPOUND	0.01
		TOTAL	**99.96**

Note: Peak 12 (beta-PHELLANDRENE) is listed in the source report without retention time or percentage; it is shown here as listed in the source.

Note: The source report states TOTAL 99.96.

Faithful copy of the GC/MS analysis report. The original document is kept in the MALIKA Essentials archives.