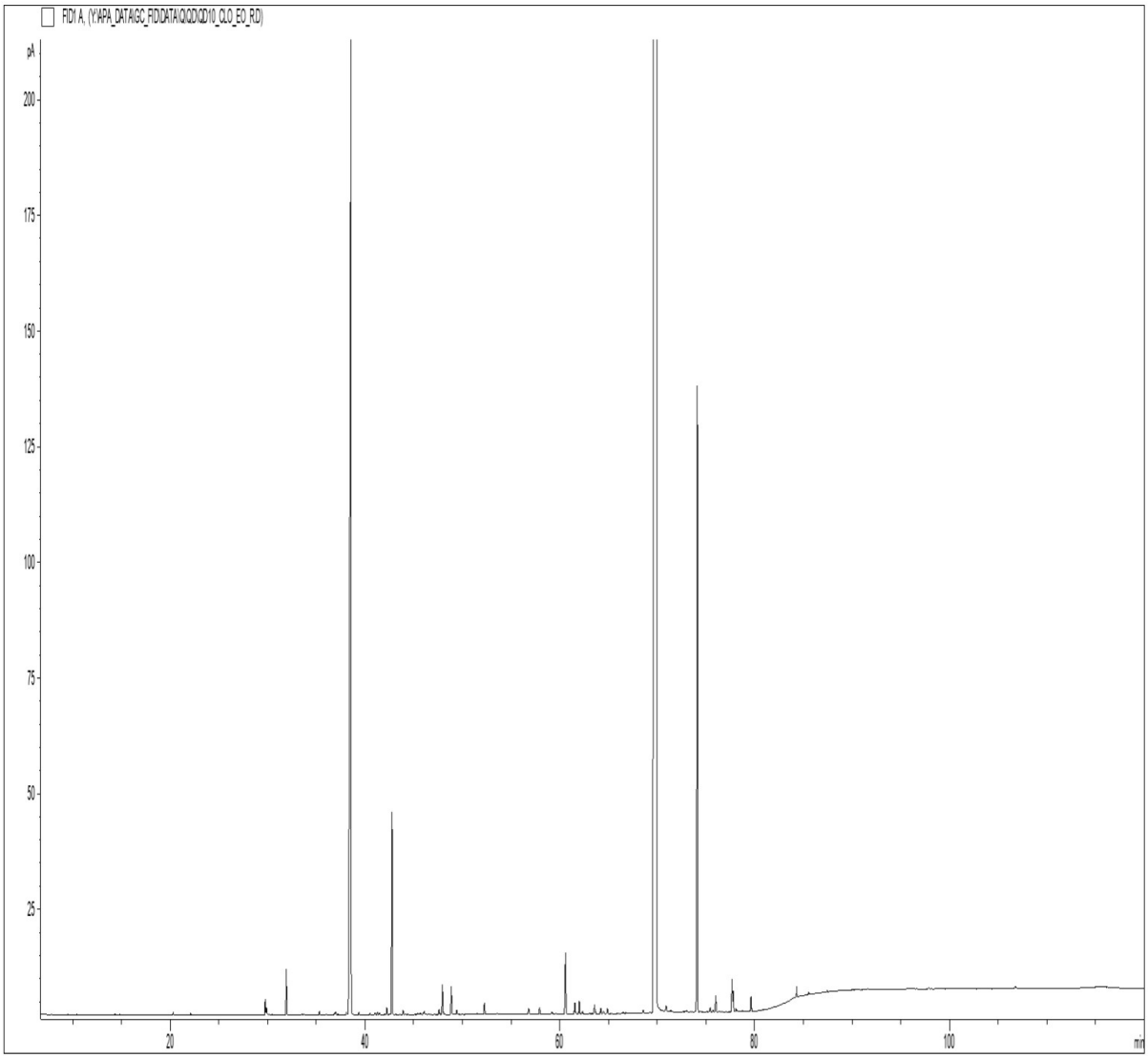
MALIKA ESSENTIALS

GC/MS ANALYSIS REPORT

Product Name	Clove Bud Essential Oil (Indonesia)
Botanical Name	Syzygium aromaticum
Analysis Date	November 3, 2026

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	29.76	alpha-CUBEBENE	0.07
2	29.87	FURFURAL	0.05
3	31.92	alpha-COPAENE	0.19
4	35.33	LINALOOL	0.02
5	36.99	2-FURFURAL, 5-METHYL-	0.02
6	38.10	ISOCARYOPHYLLENE	0.01
7	38.55	beta-CARYOPHYLLENE	8.28
8	39.38	SESQUITERPENE	0.01
9	41.30	ALLO-AROMADENDRENE	0.01
10	42.24	ZONARENE	0.03
11	42.78	alpha-HUMULENE	0.98
12	43.92	SESQUITERPENE	0.02
13	45.69	beta-SELINENE	0.01
14	46.04	alpha-SELINENE	0.01
15	46.10	alpha-MUUROLENE	0.02
16	47.62	E,E-alpha-FARNESENE	0.03
17		delta-CADINENE	
18	47.96	gamma-CADINENE	0.16
19	48.86	METHYL SALICYLATE	0.14

20	49.44	CADINA-1,4-DIENE	0.02
21	52.27	CALAMENENE	0.06
22	56.81	COMPOUND Mw=164	0.04
23	57.93	COMPOUND Mw=220	0.04
24	59.18	KETONIC COMPOUND	0.02
25	60.59	CARYOPHYLLENE OXIDE	0.36
26	61.55	SESQUITERPENIC COMPOUND	0.07
27	62.00	METHYLEUGENOL	0.06
28	62.33	SESQUITERPENIC COMPOUND	0.02
29		EPOXY-6,7-HUMULENE	
30	63.57	trans-NEROLIDOL	0.06
31	64.21	CARYOPHYLLENOL	0.03
32	64.49	Epi-CUBENOL	0.02
33	64.90	CUBENOL	0.03
34	–	DIHYDROEUGENOL	tr
35	69.93	EUGENOL	85.15
36	70.92	COMPOUND Mw=220	0.03
37	71.41	SESQUITERPENOL	0.01
38	74.13	EUGENYL ACETATE	3.35
39	75.45	COMPOUND Mw=220	0.03
40	75.76	SESQUITERPENOL	0.01
41	76.01	CARYOPHYLLA-2,6-DIEN-5-alpha-OL	0.08
42	77.68	CHAVICOL	0.16
43	77.81	COMPOUND Mw=220	0.10
44	78.08	COMPOUND Mw=220	0.02
45	79.64	SESQUITERPENIC OXIDE	0.07
46	84.32	COMPOUND Mw=210	0.04
47	97.89	CLOVANE DIOL	0.01
48	106.78	AROMATIC COMPOUND	0.02
		TOTAL	**99.96**

In the source report, peaks 17 (delta-CADINENE) and 29 (EPOXY-6,7-HUMULENE) are listed without RT or %; they co-elute with adjacent peaks. "tr" = trace amount.

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