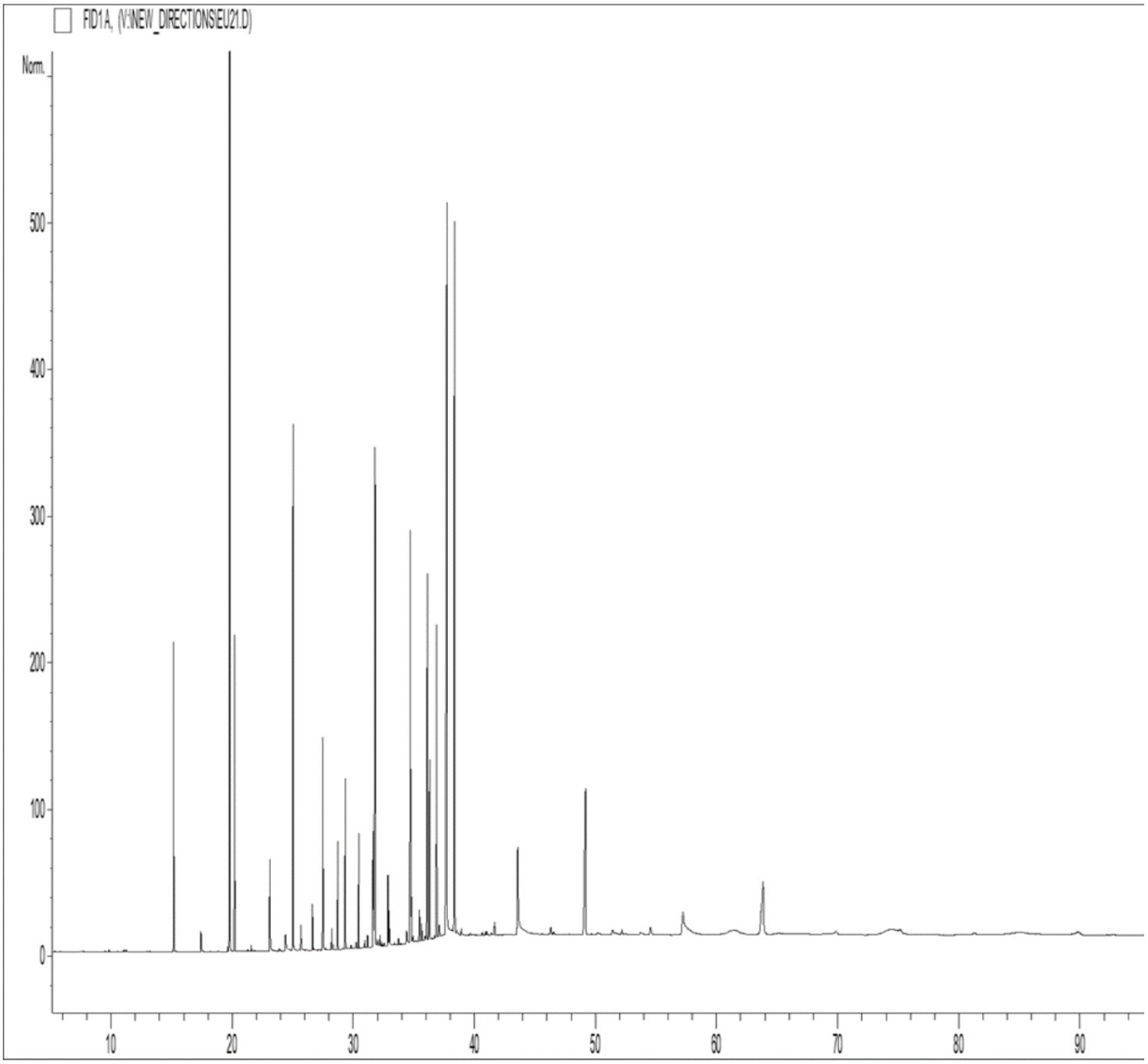
MALIKA ESSENTIALS

GC/MS ANALYSIS REPORT

Product Name	Jasmine Absolute
Botanical Name	Jasminum grandiflorum
Analysis Date	June 18, 2021

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	4.64	ETHYL ALCOHOL	0.15
2	9.82	3-HEXEN-1-OL ACETATE	0.02
3	11.05	2-PENTANONE, 4-HYDROXY-4-METHYL-	0.03
4	11.25	3-HEXEN-1-OL	0.03
5	13.16	cis-3-HEXENYL BUTYRATE	0.01
6	15.10	BENZALDEHYDE	0.01
7	15.16	LINALOOL	2.50
8	17.41	METHYL BENZOATE	0.28
9	18.83	ETHYL BENZOATE	0.01
10	19.63	Z,E-alpha-FARNESENE	0.04
11	19.80	BENZYL ACETATE	16.21
12	20.21	E,E-alpha-FARNESENE	3.05
13	21.28	METHYL SALICYLATE	0.04
14	21.58	COMPOUND Mw=218	0.05
15	21.86	PHENYLETHYL ESTER	0.02
16	23.10	BENZYL ALCOHOL	1.10
17	23.89	PHENYLETHYL ALCOHOL	0.02

18	23.98	NONADECANE	0.01
19	24.39	ISOPHYTYL ACETATE	0.30
20	24.44	PHYTYL COMPOUND Mw=138	0.04
21	25.03	cis-JASMONE	5.37
22	25.47	TETRAMETHYL-HEXADECENOL ISOMER Mw=278	0.04
23	25.67	TETRAMETHYL-HEXADECENOL ISOMER Mw=278	0.24
24	26.62	NEROLIDOL	0.40
25	26.70	AROMATIC COMPOUND	0.02
26	27.48	p-CRESOL	2.41
27	27.69	HEXYL BENZOATE	0.03
28	28.21	HENEICOSANE	0.19
29	28.35	BENZYL TIGLATE	0.05
30	28.70	cis-3-HEXENYL BENZOATE	1.02
31	29.33	EUGENOL	1.72
32	29.79	METHYLISOEUGENOL	0.04
33	30.25	BENZOIC ESTER	0.06
34	30.45	METHYL PALMITATE	1.13
35	30.94	DITERPENE Mw=272	0.08
36	31.17	ALIPHATIC ESTER	0.13
37	31.63	JASMINE LACTONE	1.33
38	31.79	ISOPHYTOL	6.85
39	31.97	ETHYL PALMITATE	0.12
40	32.20	CINNAMIC ALCOHOL	0.12
41	32.34	CHAVICOL	0.05
42	32.54	METHYL TETRAMETHYL-HEXADECANOATE	0.04
43	32.86	METHYL JASMONATE	0.73
44	32.97	ISOEUGENOL	0.43
45	33.40	PHTHALIC COMPOUND	0.04
46	33.73	METHYL STEARATE	0.06
47	33.91	9-METHYL OLEATE	0.03
48	34.39	TETRACOSANE	0.22
49	34.69	INDOLE	5.48
50	34.79	10-METHYL OLEATE	0.46
51	34.91	LINOLEIC ACID	0.10
52	35.16	AROMATIC COMPOUND	0.05
53	35.45	ALIPHATIC METHYL ESTER	0.33
54	35.65	METHYL LINOLEATE	0.19
55	35.92	AROMATIC COMPOUND	0.09
56	36.11	PHYTYL ACETATE	4.83
57	36.28	GERANYLLINALOL	1.75
58	36.53	PHYTOL ISOMER	0.03
59	36.88	METHYL LINOLENATE	3.57
60	37.07	SQUALENE ISOMER	0.13
61	37.13	ETHYL LINOLEATE	0.05
62	37.72	PHYTOL	13.95
63	38.36	BENZYL BENZOATE	9.43
64	38.54	AROMATIC COMPOUND	0.03
65	38.92	AROMATIC COMPOUND	0.09
66	39.67	AROMATIC COMPOUND	0.03
67	40.65	AROMATIC COMPOUND Mw=214	0.04
68	40.90	ETHYL LINOLENATE	0.05

69	41.02	AROMATIC COMPOUND	0.07
70	41.39	AROMATIC COMPOUND Mw=214	0.04
71	41.66	BENZYL SALICYLATE	0.22
72	43.58	PALMITIC ACID	2.23
73	46.30	TETRAMETHYL-HEPTADECANOLIDE	0.14
74	46.54	SESQUITERPENIC COMPOUND	0.06
75	49.17	SQUALENE	3.99
76	50.18	STEARIC ACID	0.09
77	51.41	COMPOUND Mw=282	0.15
78	51.65	CONIFERALDEHYDE	0.10
79	52.18	PHENYLMETHYL PALMITATE	0.13
80	53.72	LINOLEIC ACID	0.09
81	54.53	ALIPHATIC ALCOHOL	0.22
82	57.22	LINOLENIC ACID	1.59
83	63.83	EPOXY-SQUALENE	2.64
84	69.87	COMPOUND Mw=280	0.13
85	75.13	AROMATIC COMPOUND	0.16
86	81.26	AROMATIC COMPOUND	0.13
87	89.83	EPOXY-SQUALENE ISOMER Mw=426	0.25
		TOTAL	**99.98**

Note: All 87 peaks are listed in the source report with a retention time and percentage; there are no blank co-eluting rows. The source report states TOTAL 99.98, and the transcribed values sum to exactly 99.98.

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