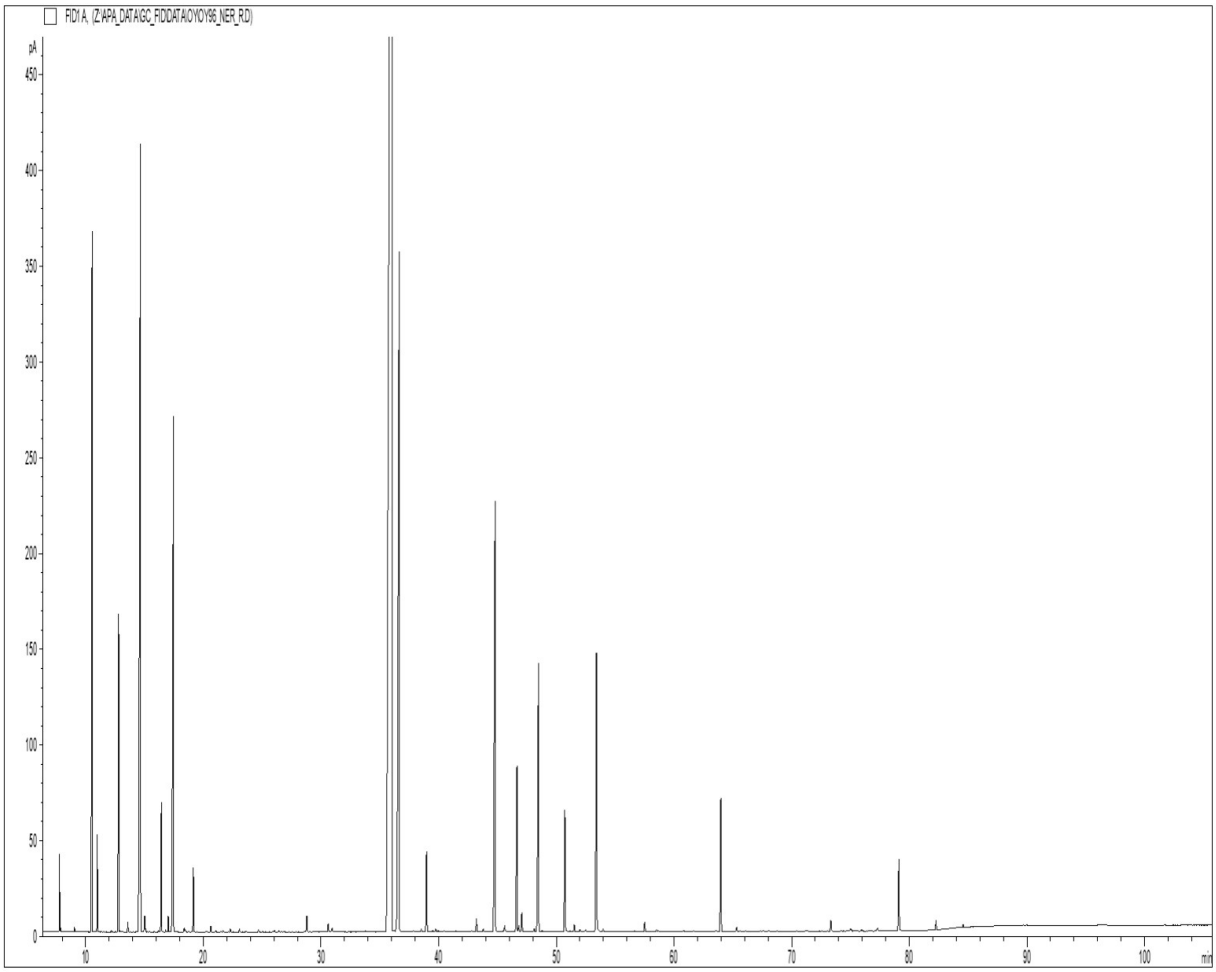
MALIKA ESSENTIALS

GC/MS ANALYSIS REPORT

Product Name	Neroli Essential Oil
Botanical Name	Citrus aurantium L.
Analysis Date	November 24, 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	5.77	ETHANOL	0.04
2	7.78	alpha-PINENE	0.37
3	7.86	alpha-THUYENE	0.02
4	9.06	CAMPHENE	0.03
5	10.55	beta-PINENE	5.13
6	11.00	SABINENE	0.54
7	12.17	delta3-CARENE	0.01
8	12.81	beta-MYRCENE	2.16
9	12.92	alpha-PHELLANDRENE	0.01
10	13.59	alpha-TERPINENE	0.07
11	14.66	LIMONENE	9.30
12		beta-PHELLANDRENE	
13	15.02	1,8-CINEOLE	0.13
14		cis-ARBUSCULON	
15	16.43	cis-beta-OCIMENE	0.88
16	16.80	trans-ARBUSCULON	0.02
17	17.03	gamma-TERPINENE	0.11
18	17.46	trans-beta-OCIMENE	5.23
19	18.38	p-CYMENE	0.03
20	18.47	HEXYL ACETATE	0.01

21	19.15	TERPINOLENE	0.45
22	20.63	1,3,7-NONATRIENE, 4,8-DIMETHYL-	0.05
23	21.67	TERPENIC COMPOUND	0.01
24	22.29	5-HEPTEN-2-ONE, 6-METHYL-	0.02
25	23.07	1-HEXANOL	0.02
26	24.68	ALLO-OCIMENE	0.02
27	26.05	TERPENIC COMPOUND	0.01
28	26.42	ROSEFURAN	0.01
29	28.79	LINALOOL cis-OXIDE	0.13
30	30.61	LINALOOL trans-OXIDE	0.08
31	30.95	delta-ELEMENE	0.05
32	33.76	BENZALDEHYDE	0.01
33	36.01	LINALOOL	48.51
34	36.64	LINALYL ACETATE	9.06
35	37.84	BORNYL ACETATE	0.02
36	38.52	beta-ELEMENE	0.02
37	38.97	beta-CARYOPHYLLENE	0.50
38	39.05	TERPINENE-4-OL	0.21
39	39.49	HOTRIENOL	0.02
40	39.75	LINALYL PROPIONATE	0.03
41	39.96	TERPENIC COMPOUND	0.02
42	40.47	cis-p-MENTH-2-EN-1-OL	0.01
43		BENZENEACETALDEHYDE	
44	41.49	SAFRANAL	0.02
45	42.80	CITRONELLYL ACETATE	0.01
46		alpha-HUMULENE	
47	43.21	E-beta-FARNESENE	0.12
48	43.78	NERAL	0.03
49	44.79	alpha-TERPINEOL	4.95
50	44.82	TERPENYL ACETATE	0.08
51	44.85	LEDENE	0.01
52	45.61	GERMACRENE D	0.07
53	46.65	NERYL ACETATE	1.57
54		GERANIAL	
55	46.81	beta-BISABOLENE	0.06
56	47.07	BICYCLOGERMACRENE	0.17
57	48.12	E,E-alpha-FARNESENE	0.03
58	48.48	GERANYL ACETATE	2.92
59	48.52	delta-CADINENE	0.03
60	48.79	CITRONELLOL	0.02
61	50.72	NEROL	1.12
62	51.52	2-PHENYLETHYL ACETATE	0.06
63	52.00	3,5,7-OCTATRIENE-2-OL, E,E-2,6-DIMETHYL-	0.02
64	52.50	GERMACRENE B	0.02
65	53.41	GERANIOL	2.87
66	53.97	E-GERANYL ACETONE	0.02
67	56.63	PHENYLETHYL ALCOHOL	0.01
68	57.50	PHENYLACETONITRILE	0.09
69	58.52	cis-JASMONE	0.02
70	60.82	CARYOPHYLLENE OXIDE	0.01
71	63.56	HEXADECANAL	0.01
72	63.98	trans-NEROLIDOL	1.19
73	65.32	METHYL, N-METHYL-ANTHRANILATE	0.04
74	67.57	AROMATIC COMPOUND	0.01

75	68.04	SPATHULENOL	0.01
76	71.26	alpha-MUUROLOL	0.01
77	71.35	AROMATIC COMPOUND	0.01
78	73.33	METHYL ANTHRANILATE	0.11
79	74.99	FARNESYL ACETATE	0.04
80	75.96	DITERPENIC COMPOUND	0.02
81		FARNESOL ISOMER	
82	77.31	TRICOSANE	0.04
83	79.11	E,E-FARNESOL	0.68
84	82.27	INDOLE	0.08
85	84.58	PENTACOSANE	0.03
86	89.98	HEPTACOSANE	0.02
		TOTAL	**99.99**

Note: Peaks 12 (beta-PHELLANDRENE), 14 (cis-ARBUSCULON), 43 (BENZENEACETALDEHYDE), 46 (alpha-HUMULENE), 54 (GERANIAL) and 81 (FARNESOL ISOMER) are listed in the source report without a retention time or percentage; they are carried here exactly as printed. The source report states TOTAL 99.99.

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