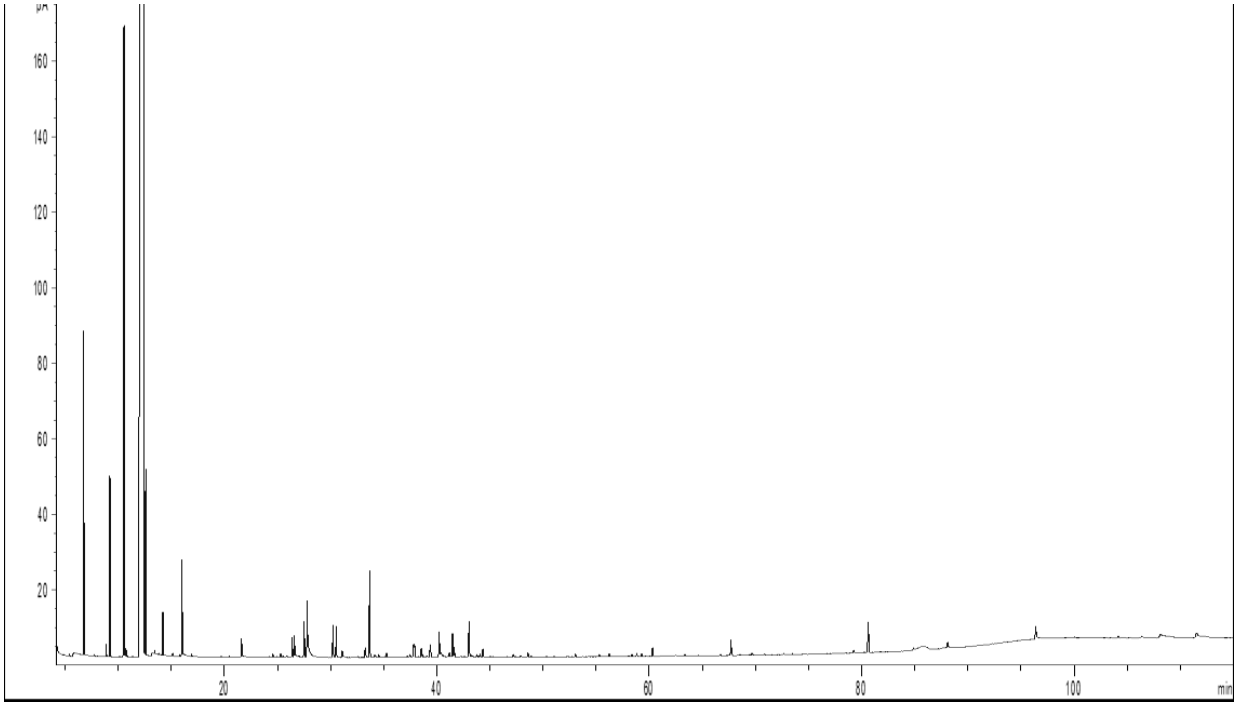
MALIKA ESSENTIALS

GC/MS ANALYSIS REPORT

Product Name	Grapefruit Pink Essential Oil
Botanical Name	Citrus paradisi
Batch Number (MALIKA)	260911-CPE
Lot No. (Supplier)	10000004855
Origin	South Africa
Analysis Date	December 10, 2020

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)	Component name	%
1	6.74	alpha-PINENE	0.59
2	8.86	beta-PINENE	0.03

3	9.21	SABINENE	0.42
4	10.53	beta-MYRCENE	2.01
5	10.72	alpha-PHELLANDRENE	0.03
6	12.42	LIMONENE	94.35
7	12.57	beta-PHELLANDRENE	0.29
8	14.20	trans-beta-OCIMENE	0.09
9	16.00	OCTANAL	0.23
10	21.61	NONANAL	0.05
11	25.30	LIMONENE trans-1,2-EPOXIDE	0.01
12	26.39	OCTYL ACETATE	0.05
13	26.59	CITRONELLAL	0.07
14	27.51	alpha-COPAENE	0.10
15	27.80	DECANAL	0.27
16	30.23	beta1-CUBEBENE	0.10
17	30.54	LINALOOL	0.09
18	31.10	1-OCTANOL	0.02
19	33.27	beta-ELEMENE	0.03
20	33.68	beta-CARYOPHYLLENE	0.27
21	34.13	SESQUITERPENE	0.01
22	35.28	SESQUITERPENE	0.01
23	37.48	SESQUITERPENE	0.01
24	37.83	E-beta-FARNESENE	0.05
25	37.91	alpha-HUMULENE	0.04
26	38.53	NERAL	0.03
27	39.39	alpha-TERPINEOL	0.05
28	40.23	GERMACRENE D	0.09
29	40.39	DODECANAL	0.03
30	41.20	NERYL ACETATE	0.02
31	41.48	BICYCLOGERMACRENE	0.07
32	41.65	GERANIAL	0.03
33	41.04	GERANYL ACETATE	0.05
34	43.05	delta-CADINENE	0.10
35	44.35	PERILLALDEHYDE	0.03
36	48.58	PERILLYL ACETATE	0.01
37	56.24	SESQUITERPENOL	0.01
38	58.84	SESQUITERPENOL	0.01
39	60.33	ELEMOL	0.03
40	67.71	beta-SINENSAL	0.06
41	80.62	NOOTKATONE	0.12
42	88.11	MYRISTIC ACID	0.02
43	96.40	PALMITIC ACID	0.05
		TOTAL	**100.00**

Note: The source report lists peak 33 (GERANYL ACETATE, RT 41.04) after peak 32 (GERANIAL, RT 41.65); the order is carried here exactly as printed in the source. The source report states TOTAL 100.00; the transcribed values sum to 100.03 (rounding).

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