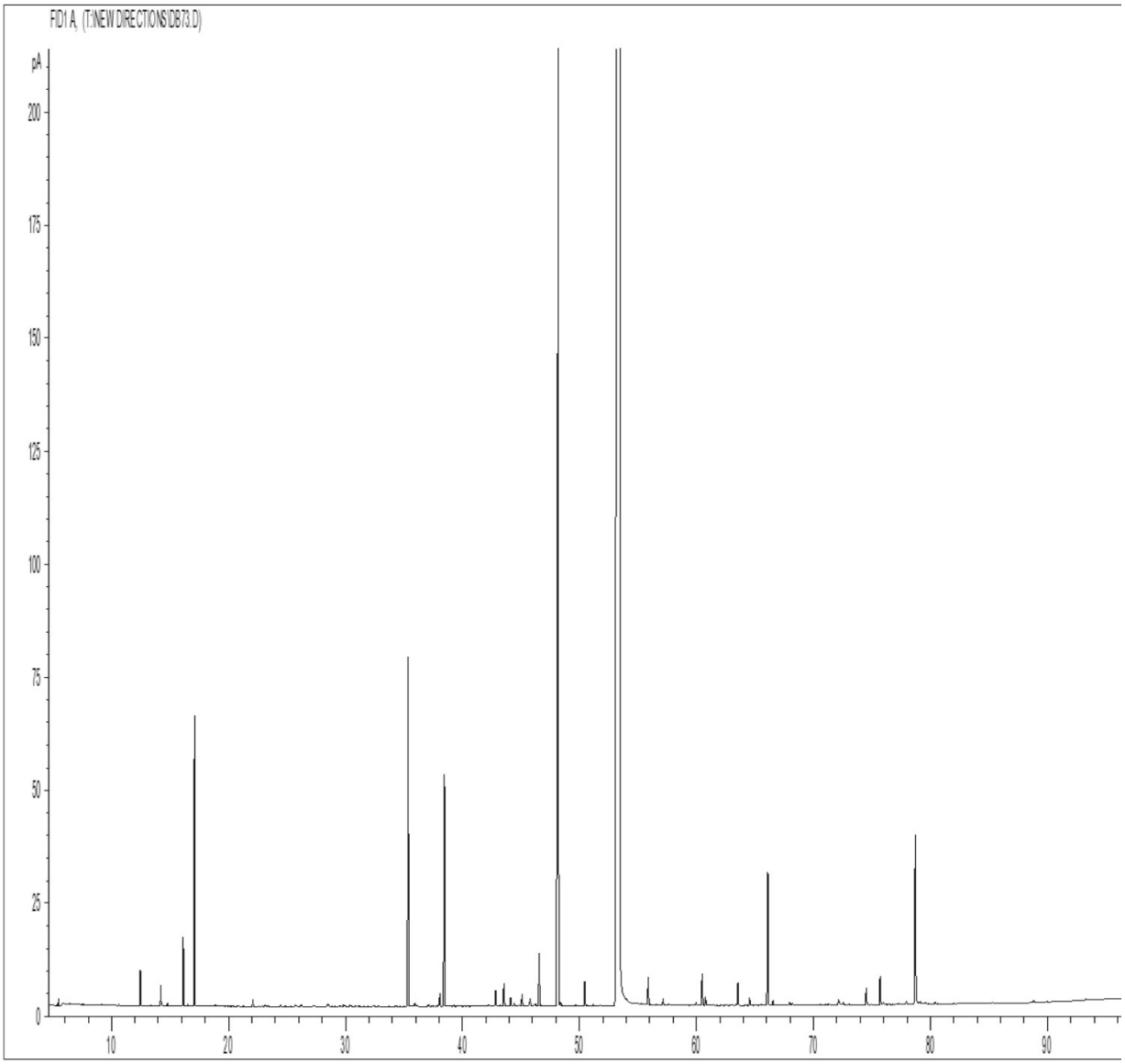
MALIKA ESSENTIALS

GC/MS ANALYSIS REPORT

Product Name	Palmarosa Essential Oil
Botanical Name	Cymbopogon martinii
Analysis Date	November 06, 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)	Compound name	%
1	5.45	ETHANOL	0.02
2	12.47	beta-MYRCENE	0.16
3	14.22	LIMONENE	0.10
4	14.31	1-BUTANOL-3-METHYL	0.02
5	14.79	ALIPHATIC ESTER	0.01
6	16.14	cis-beta-OCIMENE	0.34
7	17.10	trans-beta-OCIMENE	1.48
8	18.87	TERPINOLENE	0.01
9	22.09	5-HEPTEN-2-ONE,6-METHYL-	0.04
10	28.52	LINALOOL Cis-OXIDE	0.01
11	35.37	LINALOOL	2.06
12	35.92	1-OCTANOL	0.02
13	37.09	SESQUITERPENE	0.01
14	38.07	beta-ELEMENE	0.09
15	38.47	beta-CARYOPHYLLENE	1.61
16	42.24	ALIPHATIC ESTER	0.01

17	42.84	alpha-HUMULENE	0.11
18	43.54	NERAL	0.15
19	44.13	gamma-SELINENE	0.06
20	44.43	alpha-TERPINEOL	0.02
21	45.09	GERANYL FORMIATE	0.08
22	45.80	beta-SELINENE	0.06
23	46.15	ALIPHATIC ESTER	0.01
24	46.28	SESQUITERPENE	0.02
25	46.56	GERANIAL	0.34
26	48.20	GERANYL ACETATE	8.13
27	48.37	alpha-PANASINSEN	0.04
28	50.46	NEROL	0.20
29	51.17	Z,Z-2,6-DIMETHYL-3,5,7-OCTATRIENE-2-OL	0.01
30	51.79	E,E-2,6-DIMETHYL-3,5,7-OCTATRIENE-2-OL	0.02
31	53.46	GERANIOL	81.28
32	55.88	GERANYL ISOBUTYRATE	0.18
33	57.17	GERANYL BUTYRATE	0.04
34	57.66	PHYTYL ACETATE	0.01
35	59.99	ISOCARYOPHYLLENE OXIDE	0.02
36	60.48	CARYOPHYLLENE OXIDE	0.23
37	60.79	SESQUITERPENOL	0.06
38	63.43	cis-NEROLIDOL	0.01
39	63.55	NEROLIDOL	0.15
40	64.55	CAPRYLIC ACID	0.05
41	66.10	GERANYL CAPROATE	0.90
42	66.55	GERANYL, 2,3-EPOXY	0.03
43	68.21	PENTADECANONE, TRIMETHYL-	0.02
44	71.22	4-VINYL-GUAIACOL	0.01
45	72.16	SESQUITERPENIC EPOXIDE	0.04
46	72.58	SESQUITERPENIC EPOXIDE	0.02
47	74.53	FARNESYL ACETATE	0.11
48	75.72	GERANYL CAPRYLATE	0.19
49	75.99	CARYOPHYLLA-2,6-DIEN-5-alpha-OL	0.02
50	77.27	SESQUITERPENOL	0.01
51	77.96	GERANIC ACID	0.03
52	78.71	FARNESOL	1.25
53	79.11	SESQUITERPENOL	0.03
54	80.41	BENZOFURAN, 2,3-DIHYDRO-	0.02
55	88.83	EICOSANOL	0.02
		TOTAL	**100.00**

Note: The source report states TOTAL 100.00.

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