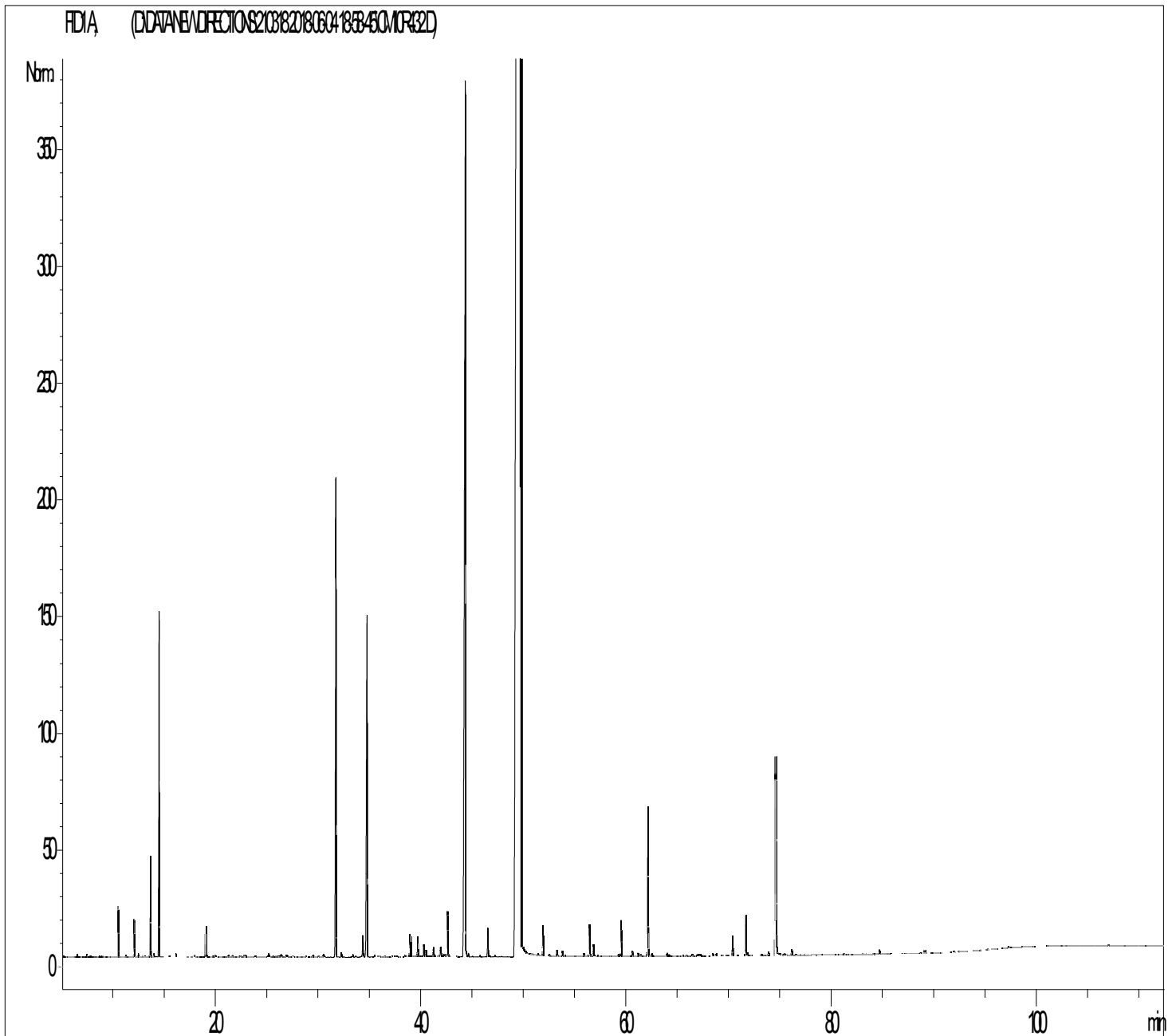


GCMS ANALYSIS

Product Name: Palmarosa Essential Oil (India)
Date: June 13, 2018



Product Name: Palmarosa Essential Oil (India) Cont'd
Date: June 13, 2018

Peak	RT (min)	Compound name	%
1	4,1	ACETONE	0,10
2	4,7	BUTANAL, 2-METHYL	0,01
3	4,8	ISOVALERALDEHYDE	0,01
4	4,9	ETHANOL	0,01
5	5,2	FURAN, 2-ETHYL	0,01
6	6,4	alpha-THUYENE	0,01
7	6,5	PRENOL	0,01
8	7,5	CAMPHENE	0,01
9	8,7	beta-PINENE	0,01
10	9,0	ISOAMYL ACETATE	0,01
11	9,1	SABINENE	0,01
12	10,5	beta-MYRCENE	0,16
13	11,2	2-HEPTANONE	0,01
14	12,0	LIMONENE	0,14
15	12,5	Cis-ARBUSCULON	0,02
16	13,6	Cis-beta-OCIMENE	0,37
17	14,0	Trans-ARBUSCULON	0,01
18	14,5	Trans-beta-OCIMENE	1,39
19	15,4	p-CYMENE	0,01
20	16,1	TERPINOLENE	0,02
21	19,0	5-HEPTEN-2-ONE, 6-METHYL-	0,13
22	20,0	ALIPHATIC ESTER	0,01
23	21,2	ALLO-OCIMENE	0,01
24	21,6	3-HEXEN-1-OL	0,01
25	22,8	1,3,7-NONATRIENE, 4,8-DIMETHYL-	0,01
26	22,9	TRIMETHYL ANISALDEHYDE	0,01
27	23,9	PERILLENE	0,01
28	25,1	LINALOOL Cis-OXIDE	0,02
29	26,3	ISOPENTYL HEXANOATE	0,01
30	26,4	6-METHYL-5-HEPTEN-2-OL	0,01

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Product Name: Palmarosa Essential Oil (India) Cont'd
Date: June 13, 2018

Peak	RT (min)	Compound name	%
31	26,8	LINALOOL Trans-OXIDE	0,01
32	27,0	NERYL OXIDE	0,01
33	29,5	CAMPHRE	0,01
34	30,5	alpha-CYPERENE	0,01
35	31,7	LINALOOL	2,59
36	32,2	1-OCTANOL	0,02
37	32,3	LINALYL ACETATE	0,01
38	33,4	ISOCARYOPHYLLENE	0,01
39	34,4	beta-ELEMENE	0,12
40	34,8	beta-CARYOPHYLENE	2,28
41	35,5	HOTRIENOL	0,01
42	39,0	alpha-HUMULENE	0,15
43	39,7	NERAL	0,10
44	40,3	gamma-SELINENE	0,08
45	40,6	alpha-TERPINEOL	0,03
46	41,2	GERANYL FORMIATE	0,05
47	41,9	VALENCENE	0,08
48	42,2	alpha-SELINENE	0,01
49	42,4	ALIPHATIC ESTER	0,02
50	42,7	GERANIAL	0,25
51	44,4	GERANYL ACETATE	8,01
52	44,5	DIHYDROCARVEOL ISOMER	0,03
53	44,7	CITRONELLOL	0,02
54	45,8	gamma-ISOGERANIOL	0,01
55	46,5	NEROL	0,16
56	47,2	Cis-ISOGERANIOL	0,01
57	49,7	GERANIOL	80,01
58	51,9	GERANYL BUTYRATE	0,16
59	52,5	PHENYLETHYL ALCOHOL	0,01
60	53,2	GERANYL METHYLBUTYRATE	0,04

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Product Name: Palmarosa Essential Oil (India) Cont'd
Date: June 13, 2018

Peak	RT (min)	Compound name	%
61	53,8	PHYTYL COMPONENT	0,03
62	54,1	AROMATIC COMPOUND	0,01
63	55,9	ISOCARYOPHYLLENE EPOXIDE	0,01
64	56,4	CARYOPHYLENE EPOXIDE	0,19
65	56,8	HYDROXY TERPENIC COMPONENT	0,06
66	59,3	Epoxy-6,7-HUMULENE	0,01
67	59,6	Cis-NEROLIDOL	0,19
68	60,6	CAPRYLIC ACID	0,03
69	61,2	PRECOCENE I	0,02
70	61,4	ELEMOL	0,01
71	62,1	GERANYL CAPROATE	0,83
72	62,5	GERANYL ACETATE, 2,3-EPOXY	0,02
73	64,0	TRIMETHYL PENTADECANONE	0,02
74	64,1	ALIPHATIC ALCOHOL	0,01
75	67,1	VINYL GUAIACOL	0,01
76	68,5	SESQUITERPENIC EPOXY ACETATE	0,01
77	68,8	EUDESMA-7-EN-4-OL	0,01
78	70,4	FARNESYL ACETATE	0,11
79	71,6	GERANYL CAPRYLATE	0,23
80	71,8	CARYOPHYLLA-2,6-DIEN-5-alpha-OL	0,02
81	73,2	HYDROXY-alpha-TERPENYLE ACETATE ISOMER	0,01
82	73,9	GERANIC ACID	0,02
83	74,6	FARNESOL	1,18
84	76,2	BENZOFURAN, 2,3-DIHYDRO-	0,04
85	84,7	ALIPHATIC ALCOHOL	0,03
86	89,1	ALIPHATIC ALCOHOL	0,01
		TOTAL	99,99

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