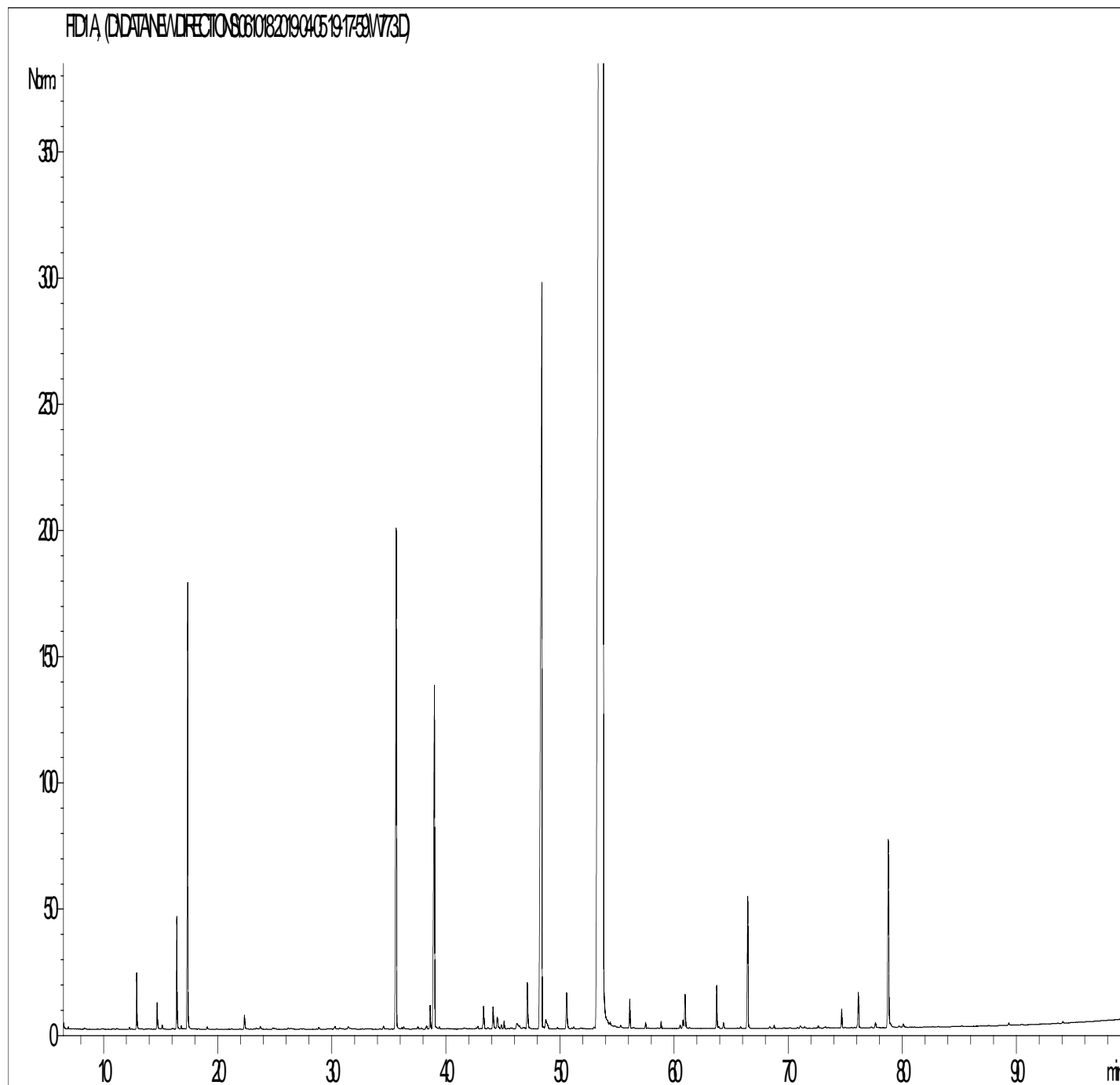


GCMS ANALYSIS

PRODUCT NAME: PALMAROSA ORGANIC ESSENTIAL OIL - 50019

DATE: APRIL 9, 2019



*Due to volume turnover, this report is not lot specific, It is representative of the quality of this oil produced by the manufacturer of this product, Specific lots may vary slightly as is the case in natural products,*

GCMS ANALYSIS (cont'd.)

PRODUCT NAME: PALMAROSA ORGANIC ESSENTIAL OIL - 50019

Peak	RT (min)	Compound name	%
1	6,2	2-METHYLBUTANAL	0,02
2	6,5	ISOVALERALDEHYDE	0,03
3	6,9	FURAN, 2-ETHYL-	0,01
4	12,9	<b>beta-MYRCENE</b>	<b>0,25</b>
5	14,6	<b>LIMONENE</b>	<b>0,14</b>
6	15,1	Cis-ARBUSCULON	0,02
7	16,4	<b>Cis-beta-OCIMENE</b>	<b>0,51</b>
8	16,8	Trans-ARBUSCULON	0,02
9	17,3	<b>Trans-beta-OCIMENE</b>	<b>2,20</b>
10	19,1	TERPINOLENE	0,02
11	22,3	5-HEPTEN-2-ONE, 6-METHYL-	0,08
12	23,7	ESTER ALIPHATIQUE	0,02
13	24,8	ALLO-OCIMENE	0,02
14	26,1	TRIMETHYL ANISALDEHYDE	0,01
15	26,4	ALIPHATIC ESTER	0,02
16	28,8	METHYLPARACRESOL	0,01
17	28,9	LINALOOL cis-OXIDE	0,01
18	30,3	2-METHYLBUTYL HEXANOATE	0,02
19	31,4	CITRONELLAL	0,03
20	34,5	alpha-CYPERENE	0,02
21	35,6	<b>LINALOOL</b>	<b>3,03</b>
22	36,1	LINALYL ACETATE	0,01
23	36,2	1-OCTANOL	0,01
24	37,5	ISOCARYOPHYLLENE	0,02
25	38,3	alpha-trans-BERGAMOTENE	0,03
26	38,6	beta-ELEMENE	0,14
27	39,0	<b>beta-CARYOPHYLLENE</b>	<b>2,62</b>
28	39,4	HOTRIENOL	0,01
29	42,7	CITRONELLYL ACETATE	0,02
30	43,3	alpha-HUMULENE	0,17

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: PALMAROSA ORGANIC ESSENTIAL OIL - 50019

Peak	RT (min)	Compound name	%
31	43,6	E-beta-FARNESENE	0,01
32	44,1	<b>NERAL</b>	<b>0,16</b>
33	44,5	gamma-SELINENE	0,11
34	44,8	alpha-TERPINEOL	0,03
35	45,1	GERANYL FORMIATE	0,05
36	46,6	GERMACRENE D	0,02
37	46,2	VALENCENE	0,08
38	46,4	BENZYL ACETATE	0,02
39	46,7	NERYL ACETATE	0,01
40	46,8	alpha-SELINENE	0,01
41	47,1	<b>GERANIAL</b>	<b>0,32</b>
42	48,4	<b>GERANYL ACETATE</b>	<b>7,36</b>
43	48,5	SESQUITERPENE	0,02
44	48,7	CITRONELLOL	0,12
45	49,8	gamma-GERANIOL	0,01
46	50,5	<b>NEROL</b>	<b>0,25</b>
47	51,2	Trans-ISOGERANIOL	0,01
48	53,8	<b>GERANIOL</b>	<b>78,41</b>
49	55,3	AROMATIC COMPOUND	0,01
50	56,1	GERANYL BUTYRATE	0,15
51	57,4	GERANYL METHYLBUTYRATE	0,03
52	58,8	PHYTIC COMPOUND	0,04
53	60,5	ISOCARYOPHYLENE EPOXIDE	0,02
54	60,7	COMPOUND Mw=152	0,05
55	60,9	CARYOPHYLENE EPOXIDE	0,22
56	63,7	NEROLIDOL	0,25
57	64,3	CAPRYLIC ACID	0,04
58	66,4	<b>GERANYL CAPROATE</b>	<b>0,79</b>
59	68,3	ALIPHATIC ALCOHOL	0,02
60	68,7	PENTADECANONE TRIMETHYL	0,02

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: PALMAROSA ORGANIC ESSENTIAL OIL - 50019

Peak	RT (min)	Compound name	%
61	71,0	4-VINYL-GUAIACOL	0,02
62	71,4	ALIPHATIC ESTER	0,01
63	72,6	ALIPHATIC ALCOHOL	0,02
64	73,2	SESQUITERPENOL	0,02
65	71,6	FARNESYL ACETATE	0,11
66	76,1	GERANYL CAPRYLATE	0,22
67	77,6	GERANIC ACID	0,04
68	78,7	<b>FARNESOL</b>	<b>1,32</b>
69	79,7	ALIPHATIC ESTER	0,01
70	80,1	BENZOFURAN, 2,3-DIHYDRO- Mw=120	0,02
71	89,3	BENZYL BENZOATE	0,02
		<b>TOTAL</b>	<b>99,99</b>

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