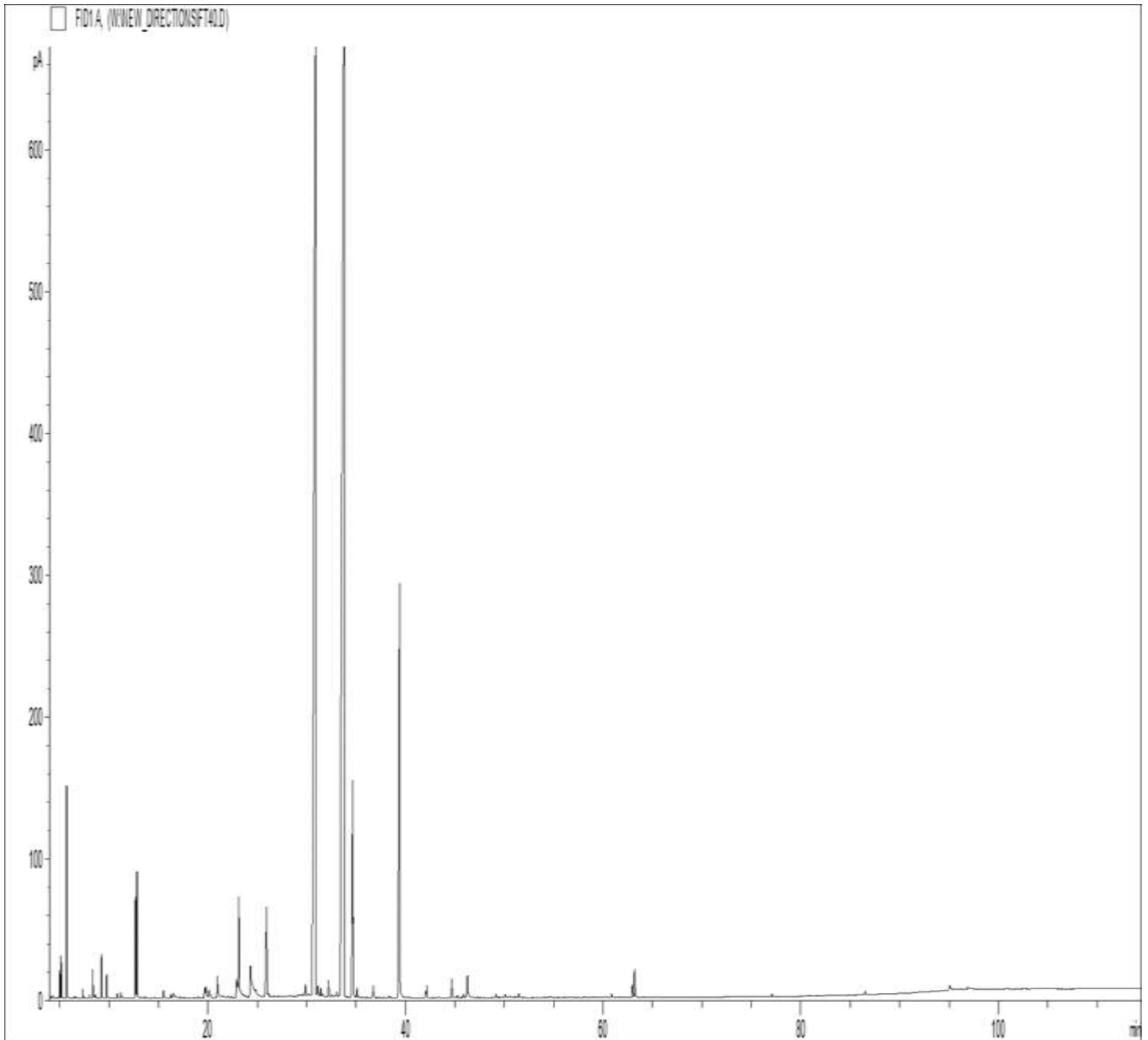


GCMS ANALYSIS

PRODUCT NAME: LEMONGRASS ORGANIC ESSENTIAL OIL - 50032

DATE: October 01, 2021



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: LEMONGRASS ORGANIC ESSENTIAL OIL - 50032

Peak	RT (min)	Compound name	%
1	5,02	TRICYCLEN	0,13
2	5,11	3-BUTEN-2-OL, 2-METHYL-	0,02
3	5,17	alpha-PINENE	0,20
4	5,71	CAMPHE	1,12
5	5,90	HEXANAL	0,01
6	6,63	4-HEPTANONE	0,02
7	7,36	beta-MYRCENE	0,07
8	8,04	1,8-CINEOLE, 2,3-DEHYDRO-	0,03
9	8,14	ALIPHATIC ALCOHOL	0,01
10	8,36	LIMONENE	0,26
11	8,63	beta-PHELLANDRENE	0,05
12	9,23	cis-beta-OCIMENE	0,35
13	9,78	trans-beta-OCIMENE	0,21
14	10,84	TERPINOLENE	0,05
15	11,19	OCTANAL	0,08
16	12,68	4-NONANONE	0,96
17	12,83	5-HEPTEN-2-ONE, 6-METHYL-	1,17
18	13,61	COMPOUND Mw=140	0,02
19	15,51	ROSEFURAN	0,09
20	16,28	COMPOUND Mw=152	0,06
21	16,52	PERILLENE	0,07
22	16,62	KETONE COMPOUND	0,06
23	17,16	LINALOOL cis-OXIDE	0,02
24	18,99	alpha-CUBEBENE	0,01
25	19,06	5-HEPTEN-2-OL, 6-METHYL-	0,02
26	19,66	ISOGERANIAL	0,12
27	19,78	CYCLOSATIVENE + CITRONELLAL	0,21
28	20,13	YLANGENE	0,16
29	20,27	alpha-COPAENE	0,06
30	20,84	DECANAL	0,02

Disclaimer & Caution

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: LEMONGRASS ORGANIC ESSENTIAL OIL - 50032

Peak	RT (min)	Compound name	%
31	20,99	ISONERAL	0,43
32	21,47	beta-BOURBONENE	0,10
33	22,05	SATIVENE	0,04
34	22,36	SESQUITERPENE	0,03
35	22,77	PHOTOCITRAL A	1,13
36	23,15	LINALOOL	1,03
37	24,31	PHOTOCITRAL B	1,69
38	24,86	beta-ELEMENE	0,04
39	25,58	SESQUITERPENE	0,01
40	25,96	beta-CARYOPHYLLENE	1,75
41	26,13	COMPOUND Mw=166	0,04
42	28,45	SESQUITERPENE	0,01
43	29,14	SESQUITERPENE	0,04
44	29,49	SESQUITERPENE	0,03
45	29,66	ALIPHATIC ALCOHOL	0,02
46	29,87	alpha-HUMULENE	0,17
47	30,22	SESQUITERPENE	0,05
48	30,90	NERAL	31,95
49	31,13	alpha-TERPINEOL	0,18
50	31,41	BORNEOL	0,14
51	31,63	SESQUITERPENE	0,06
52	32,23	GERMACRENE D	0,25
53	32,55	SESQUITERPENE	0,05
54	32,86	SESQUITERPENE	0,02
55	33,07	PIPERITONE	0,08
56	33,79	GERANIAL	41,30
57	33,93	trans-PIPERITOL	0,02
58	34,12	trans-ISOPIPERITENOL	0,02
59	34,66	GERANYL ACETATE	3,21
60	34,72	delta-CADINENE	0,73

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: LEMONGRASS ORGANIC ESSENTIAL OIL - 50032

Peak	RT (min)	Compound name	%
61	34,97	gamma-CADINENE	0,04
62	35,12	alpha-CURCUMENE	0,14
63	35,80	SESQUITERPENE	0,01
64	36,17	CADINA-1,4-DIENE	0,01
65	36,65	alpha-AMORPHENE	0,02
66	36,75	NEROL	0,18
67	37,15	cis-ISOGERANIOL	0,01
68	37,36	trans-ISOGERANIOL	0,02
69	37,77	CUPARENE	0,01
70	38,36	GERMACRENE B	0,04
71	39,40	GERANIOL	6,68
72	42,05	Epi-CUBEBOL	0,08
73	42,16	GERANYL BUTYRATE	0,15
74	43,40	SESQUITERPENOL	0,01
75	44,69	CUBEBOL	0,27
76	45,04	AROMATIC COMPOUND	0,02
77	45,28	ALIPHATIC ESTER	0,03
78	45,74	SESQUITERPENOL	0,02
79	45,91	ISOCARYOPHYLLENE EPOXIDE	0,07
80	46,26	CARYOPHYLLENE EPOXIDE	0,36
81	46,34	2,3-EPOXYGERANYL ACETATE	0,11
82	46,89	AROMATIC COMPOUND	0,02
83	49,14	EPOXY-6,7-HUMULENE	0,07
84	50,09	Epi-CUBENOL	0,08
85	50,55	CUBENOL	0,05
86	51,08	CAPRYLIC ACID	0,03
87	51,46	ELEMOL	0,08
88	52,04	SESQUITERPENOL	0,01
89	54,67	PENTADECANONE, TRIMETHYL-	0,03
90	56,44	SESQUITERPENOL	0,02

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: LEMONGRASS ORGANIC ESSENTIAL OIL - 50032

Peak	RT (min)	Compound name	%
91	58,08	SESQUITERPENOL	0,02
92	59,04	COMPOUND Mw=164	0,02
93	60,28	CAPRIC ACID	0,02
94	60,86	NERIC ACID	0,06
95	61,68	ALIPHATIC ESTER	0,01
96	62,96	GERANIC ACID	0,20
97	63,17	ISOEUGENOL	0,48
98	64,13	AROMATIC COMPOUND	0,01
99	64,74	SESQUITERPENIC EPOXIDE	0,01
100	65,24	AROMATIC COMPOUND	0,02
101	77,10	AROMATIC COMPOUND Mw=286	0,03
102	86,53	PALMITIC ACID	0,06
103	95,07	OLEIC ACID	0,11
104	96,91	LINOLEIC ACID	0,09
		TOTAL	99,98

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