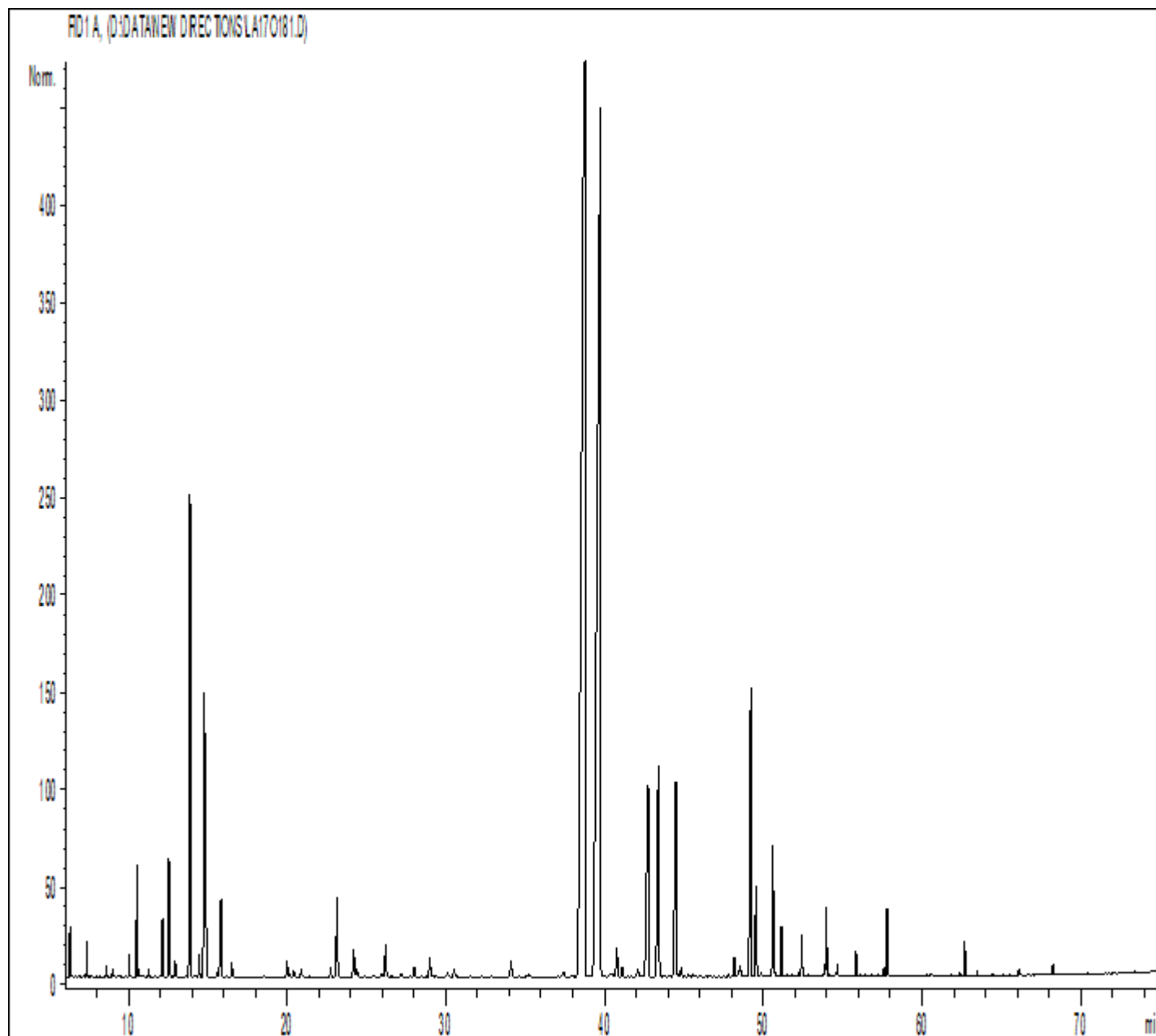


GCMS ANALYSIS

PRODUCT NAME: LAVENDER ESSENTIAL OIL - POPULATION

DATE: January 7, 2021

Lot#: 11079A36



*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: LAVENDER ESSENTIAL OIL - POPULATION

Peak	RT (min)	Compound name	%
1	3,9	ACETONE	0,02
2	4,6	BUTANAL, 2-METHYL	0,02
3	4,7	ISOVALERALDEHYDE	0,01
4	5,0	HEXANE, METHOXY-	0,14
6	6,0	TRICYCLENE	0,02
7	6,3	alpha-PINENE	0,23
8	6,4	alpha-THUYENE	0,10
9	6,7	TOLUENE	0,01
10	7,3	BUTYL ACETATE	0,02
11	7,4	CAMPHENE	0,18
12	7,7	HEXANAL	0,01
13	8,6	beta-PINENE	0,06
14	9,0	SABINENE	0,05
15	9,8	ALIPHATIC ESTER	0,01
16	10,1	delta3-CARENE	0,15
17	10,5	beta-MYRCENE	0,72
18	10,7	alpha-PHELLANDRENE	0,05
19	10,8	psi-LIMONENE	0,01
20	11,3	alpha-TERPINENE	0,06
21	11,7	2,3-DEHYDRO-1,8-CINEOLE	0,01
22	12,2	LIMONENE	0,43
23	12,5	1,8-CINEOLE	0,94
24	12,6	beta-PHELLANDRENE	0,36
25	13,0	BUTYL BUTYRATE	0,12
26	13,9	Cis-beta-OCIMENE	4,26
27	14,5	gamma-TERPINENE	0,18
28	14,8	Trans-beta-OCIMENE	3,02
29	14,9	3-OCTANONE	1,75
30	15,6	m-CYMENE	0,04

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: LAVENDER ESSENTIAL OIL - POPULATION

Peak	RT (min)	Compound name	%
31	15,8	HEXYL ACETATE	0,64
32	16,2	ISOTERPINOLENE	0,01
33	16,5	TERPINOLENE	0,12
34	18,6	3-HEXEN-1-OL ACETATE	0,01
35	20,0	5-HEPTEN-2-ONE-6-METHYL	0,18
36	20,2	3-OCTANOL ACETATE	0,03
37	20,4	HEXYL PROPIONATE	0,07
38	20,9	1-HEXANOL	0,10
39	22,7	ALLO-OCIMENE	0,10
40	23,1	OCT-1-EN-3-YL ACETATE	0,94
41	24,2	3-OCTANOL	0,35
42	24,4	UNDECATRIENE ISOMER	0,10
43	26,0	BUTYL CAPROATE	0,04
44	26,2	HEXYL BUTYRATE	0,42
45	27,2	HEXYL 2-METHYLBUTYRATE	0,04
46	28,0	LINALOOL Cis-OXIDE	0,13
47	29,0	1-OCTEN-3-OL	0,25
48	30,1	Trans-THUYANOL	0,06
49	30,5	LINALOOL Trans-OXIDE	0,11
50	31,5	OCTYL ACETATE	0,01
51	32,9	ALIPHATIC ALCOHOL	0,01
52	34,1	CAMPHOR	0,22
53	35,3	ALIPHATIC ESTER	0,04
54	37,4	beta-BOURBONENE	0,08
55	37,9	Cis-THUYANOL	0,04
56	38,8	LINALOOL	32,82
57	39,7	LINALYL ACETATE	28,12
58	39,8	alpha-cis-BERGAMOTENE	0,02
59	40,5	BORNYL FORMIATE	0,09
60	40,8	alpha-SANTALENE	0,39

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: LAVENDER ESSENTIAL OIL - POPULATION

Peak	RT (min)	Compound name	%
61	41,2	BERGAMOTENE ISOMER	0,14
62	42,1	alpha-trans-BERGAMOTENE	0,12
63	42,8	beta-CARYOPHYLLENE	3,73
64	43,4	TERPINENE-4-OL	3,47
65	44,5	LAVANDULYL ACETATE	3,08
66	44,7	COMPOSÉ TERPENIQUE	0,03
67	44,8	HEXYL CAPROATE	0,10
68	45,3	SESQUITERPENE	0,03
69	45,6	HEXYL TIGLATE	0,04
70	46,4	Épi-beta-SANTALENE	0,02
71	46,9	FARNESENE ISOMER	0,01
72	47,2	FARNESENE ISOMER	0,01
73	47,5	FARNESENE ISOMER	0,01
74	47,8	FARNESENE ISOMER	0,03
75	48,2	CRYPTONE	0,23
76	48,5	FARNESENE ISOMER	0,07
77	48,6	alpha-HUMULENE	0,12
78	49,2	E-beta-FARNESENE	3,77
79	49,6	LAVANDULOL	1,04
80	49,9	Z-beta-FARNESENE	0,05
81	50,6	alpha-TERPINEOL	1,20
82	50,7	BORNEOL	0,56
83	51,2	GERMACRENE D	0,54
84	51,5	PHELLANDRAL	0,02
85	51,8	PIPERITONE	0,01
86	52,3	CARVONE	0,05
87	52,4	NERYL ACETATE	0,39
88	52,8	beta-BISABOLENE	0,02
89	53,7	SESQUITERPENE	0,03
90	53,9	gamma-CADINENE	0,11

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: LAVENDER ESSENTIAL OIL - POPULATION

Peak	RT (min)	Compound name	%
91	54,0	GERANYL ACETATE	0,57
92	54,6	p-METHYLACETOPHENONE	0,02
93	54,7	CUMINAL	0,11
94	54,8	beta-SESQUIPHELLANDRENE	0,01
95	55,9	NEROL	0,21
96	56,1	Z,Z-2,6-DIMETHYL-3,5,7-OCTATRIENE-2-OL	0,01
97	56,2	Cis-Epoxy-LINALYL ACETATE	0,01
98	56,4	Trans-Epoxy-LINALYL ACETATE	0,02
99	56,9	E,E-2,6-DIMETHYL-3,5,7-OCTATRIENE-2-OL	0,01
100	57,1	Trans-CARVEOL	0,01
101	57,3	m-CYMENE-8-OL	0,02
102	57,6	p-CYMENE-8-OL	0,06
103	57,8	GERANIOL	0,56
104	58,6	AROMATIC ESTER	0,01
105	60,3	PIPERITENONE	0,01
106	60,6	ALIPHATIC ESTER	0,03
107	61,2	DENDROLASIN	0,01
108	61,8	HEXENYLIC ESTER	0,01
109	62,1	ALIPHATIC ESTER	0,01
110	62,4	ISOCARYOPHYLLENE EPOXIDE	0,03
111	62,7	CARYOPHYLLENE EPOXIDE	0,27
112	63,5	alpha-PHOTOSANTALOL A	0,03
113	64,4	NEROLIDOL	0,01
114	65,1	SESQUITERPENOL	0,01
115	66,1	CUMINOL	0,04
116	67,1	PENTADECANONE TRIMETHYL	0,01
117	68,0	PHOTOSANTALOL ISOMERE	0,01
118	68,3	T-CADINOL	0,07
119	69,3	3-ISOPROPYLPHENOL	0,01
120	70,1	E-beta-CURCUMENE-12-OL	0,01

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: LAVENDER ESSENTIAL OIL - POPULATION

Peak	RT (min)	Compound name	%
121	70,4	SESQUITERPENIC EPOXIDE	0,01
122	71,3	FARNESOL	0,01
123	71,5	SESQUITERPENONE	0,01
124	71,8	alpha-BISABOLOL	0,01
125	74,2	SESQUITERPENONE	0,01
126	75,4	COUMARIN Mw=146	0,07
		TOTAL	99,99

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