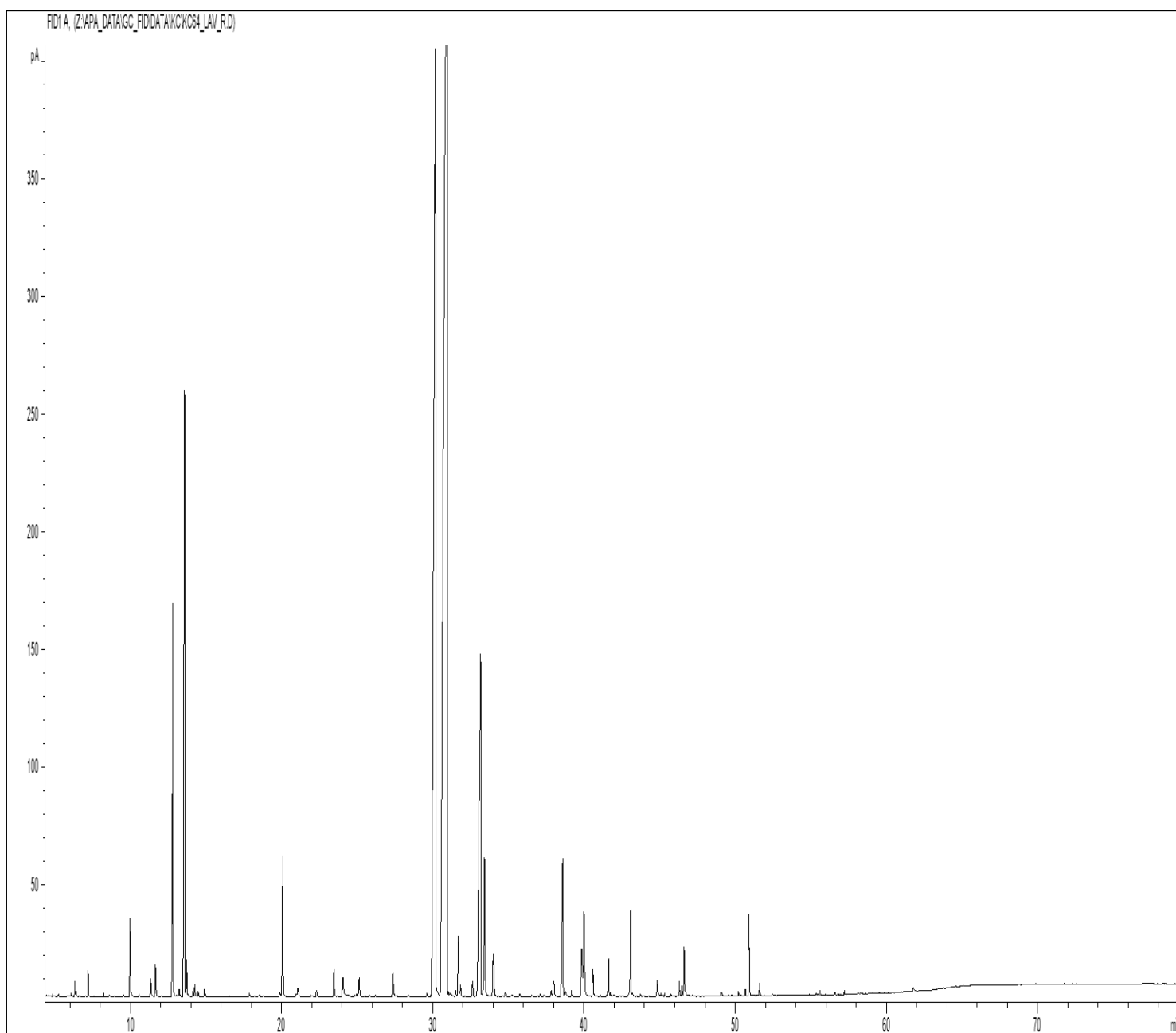


GCMS ANALYSIS

PRODUCT NAME: LAVENDER ESSENTIAL OIL – POPULATION - 11079

DATE: September 15, 2023



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: LAVENDER ESSENTIAL OIL – POPULATION - 11079

Peak	RT (min)	Compound name	%
1	5,23	HEXANE, 1-METHOXY-	0,02
2	6,07	TRICYCLEN	0,01
3	6,33	alpha-PINENE	0,09
4	6,39	alpha-THUYENE	0,03
5	6,40	3-BUTEN-2-OL, 2-METHYL-	0,01
6	7,20	CAMPHE	0,18
7	8,23	beta-PINENE	0,04
8	8,62	SABINENE	0,01
9	8,63	PINADIENE	0,01
10	9,52	delta3-CARENE	0,03
11	9,98	beta-MYRCENE	0,65
12	10,57	alpha-TERPINENE	0,03
13	11,34	LIMONENE	0,18
14	11,67	1,8-CINEOLE	0,31
15	12,82	beta-PHELLANDRENE	3,27
16		cis-beta-OCIMENE	
17	13,08	trans-ARBUSCULON	0,02
18	13,24	gamma-TERPINENE	0,06
19	13,25	COMPOUND Mw=122	0,02
20	13,59	trans-beta-OCIMENE	5,99
21	13,73	3-OCTANONE	0,34
22	14,14	m-CYMENE	0,05
23	14,27	p-CYMENE	0,12
24	14,49	HEXYL ACETATE	0,04
25	14,92	TERPINOLENE	0,09
26	17,88	3-HEXEN-1-OL ACETATE	0,04
27	18,52	1-HEXANOL	0,04
28	19,89	ALLO-OCIMENE	0,07
29	20,09	1-OCTEN-3-YL ACETATE	1,39
30	20,99	3-OCTANOL	0,03

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GCMS ANALYSIS (cont'd,)

PRODUCT NAME: LAVENDER ESSENTIAL OIL – POPULATION - 11079

Peak	RT (min)	Compound name	%
31	21,09	trans-cis-1,3,5-UNDECATRIENE	0,13
32	21,94	ROSEFURAN	0,02
33	22,02	GALBANOLENE	0,01
34	22,33	HEXYL BUTYRATE	0,07
35	23,48	LINALOOL cis-OXIDE	0,30
36	24,07	1-OCTEN-3-OL	0,32
37	24,38	1,3,5,8-UNDECATETRAENE	0,04
38	24,87	trans-THUYANOL	0,01
39	24,99	NERYL OXIDE	0,03
40	25,14	LINALOOL trans-OXIDE	0,22
41	25,83	OCTYL ACETATE	0,02
42	26,22	MYROXIDE	0,02
43	27,37	CAMPHOR	0,32
44	27,63	ALIPHATIC ESTER	0,02
45	28,38	beta-BOURBONENE	0,02
46	29,63	BERGAMOTENE ISOMER	0,04
47	30,17	cis-THUYANOL	0,02
48	30,18	LINALOOL	20,27
49	30,96	LINALYL ACETATE	45,53
50	31,05	BERGAMOTENE ISOMER	0,05
51	31,16	BORNYL FORMATE	0,08
52	31,52	alpha-cis-BERGAMOTENE	0,07
53	31,71	alpha-SANTALENE	0,68
54	31,85	BORNYL ACETATE	0,13
55	32,65	alpha-trans-BERGAMOTENE	0,19
56	33,18	beta-CARYOPHYLLENE	7,17
57	33,43	TERPINENE-4-OL	1,80
58	33,82	SESQUITERPENE	0,03
59	34,01	LAVANDULYL ACETATE	0,61
60	34,35	HOTRIENOL	0,01

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GCMS ANALYSIS (cont'd,)

PRODUCT NAME: LAVENDER ESSENTIAL OIL – POPULATION - 11079

Peak	RT (min)	Compound name	%
61	34,65	HEXYL CAPROATE	0,01
62	34,82	SESQUITERPENE	0,06
63	35,25	cis-p-MENTH-2-EN-1-OL	0,04
64	35,75	beta-SANTALENE	0,03
65	36,54	FARNESENE ISOMER	0,02
66	37,12	FARNESENE ISOMER	0,04
67	37,35	LACTONE LAVANDE	0,03
68	37,83	FARNESENE ISOMER	0,08
69	38,00	alpha-HUMULENE	0,23
70	38,59	E-beta-FARNESENE	1,86
71	38,75	LAVANDULOL	0,10
72	39,20	Z-beta-FARNESENE	0,07
73	39,85	BORNEOL	0,94
74	40,00	alpha-TERPINEOL	0,94
75	40,59	GERMACRENE D	0,34
76	41,07	SESQUITERPENE	0,01
77	41,50	p-MENTHA-1(7),2-DIEN-8-OL	0,01
78	41,62	NERYL ACETATE	0,36
79	41,77	beta-BISABOLENE	0,04
80	41,78	BICYCLOGERMACRENE	0,02
81	41,97	cis-PYRANIC LINALOOL OXIDE	0,04
82	42,52	E,E-alpha-FARNESENE	0,02
83	43,09	GERANYL ACETATE	0,79
84	43,20	trans-PYRANIC LINALOOL OXIDE	0,06
85	43,73	p-METHYLACETOPHENONE	0,03
86	43,95	beta-SESQUIPHELLANDRENE	0,01
87	44,84	NEROL	0,20
88	45,09	cis-EPOXYLINALYL ACETATE	0,03
89	45,33	trans-EPOXYLINALYL ACETATE	0,02
90	45,76	3,5,7-OCTATRIENE-2-OL, E,E-2,6-DIMETHYL-	0,02

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: LAVENDER ESSENTIAL OIL – POPULATION - 11079

Peak	RT (min)	Compound name	%
91	46,30	m-CYMENE-8-OL	0,12
92	46,48	p-CYMENE-8-OL	0,10
93	46,63	GERANIOL	0,52
94	46,75	SESQUITERPENIC COMPOUND	0,04
95	46,90	SESQUITERPENIC COMPOUND	0,02
96	47,17	PHENYLMETHYL BUTYRATE	0,02
97	49,05	HUMULENE EPOXIDE	0,04
98	49,11	SESQUITERPENIC COMPOUND	0,04
99	50,21	3,7-OCTADIENE-2,6-DIOL, 2,6-DIMETHYL-	0,04
100	50,39	ALIPHATIC ESTER	0,01
101	50,67	ISOCARYOPHYLLENE OXIDE	0,06
102	50,91	CARYOPHYLLENE OXIDE	0,70
103	51,26	SESQUITERPENIC COMPOUND	0,02
104	51,61	alpha-PHOTOSANTALOL A	0,10
105	52,47	ALIPHATIC ESTER	0,02
106	53,18	EPOXY-6,7-HUMULENE	0,01
107	55,36	SESQUITERPENIC COMPOUND	0,02
108	55,46	ALIPHATIC ESTER	0,02
109	55,61	T-CADINOL	0,03
110	55,98	SESQUITERPENIC COMPOUND	0,01
111	56,60	alpha-BISABOLOL	0,03
112	57,22	GERANYL-alpha-TERPINENE	0,03
113	58,10	cis-alpha-BISABOLOL	0,02
114	58,29	SESQUITERPENIC COMPOUND	0,02
115	59,08	AROMATIC COMPOUND	0,01
116	59,53	SESQUITERPENIC COMPOUND	0,02
117	59,89	SESQUITERPENIC OXIDE	0,02
118	61,78	COUMARIN	0,06
119	77,02	HERNIARIN	0,02
		TOTAL	99,97

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