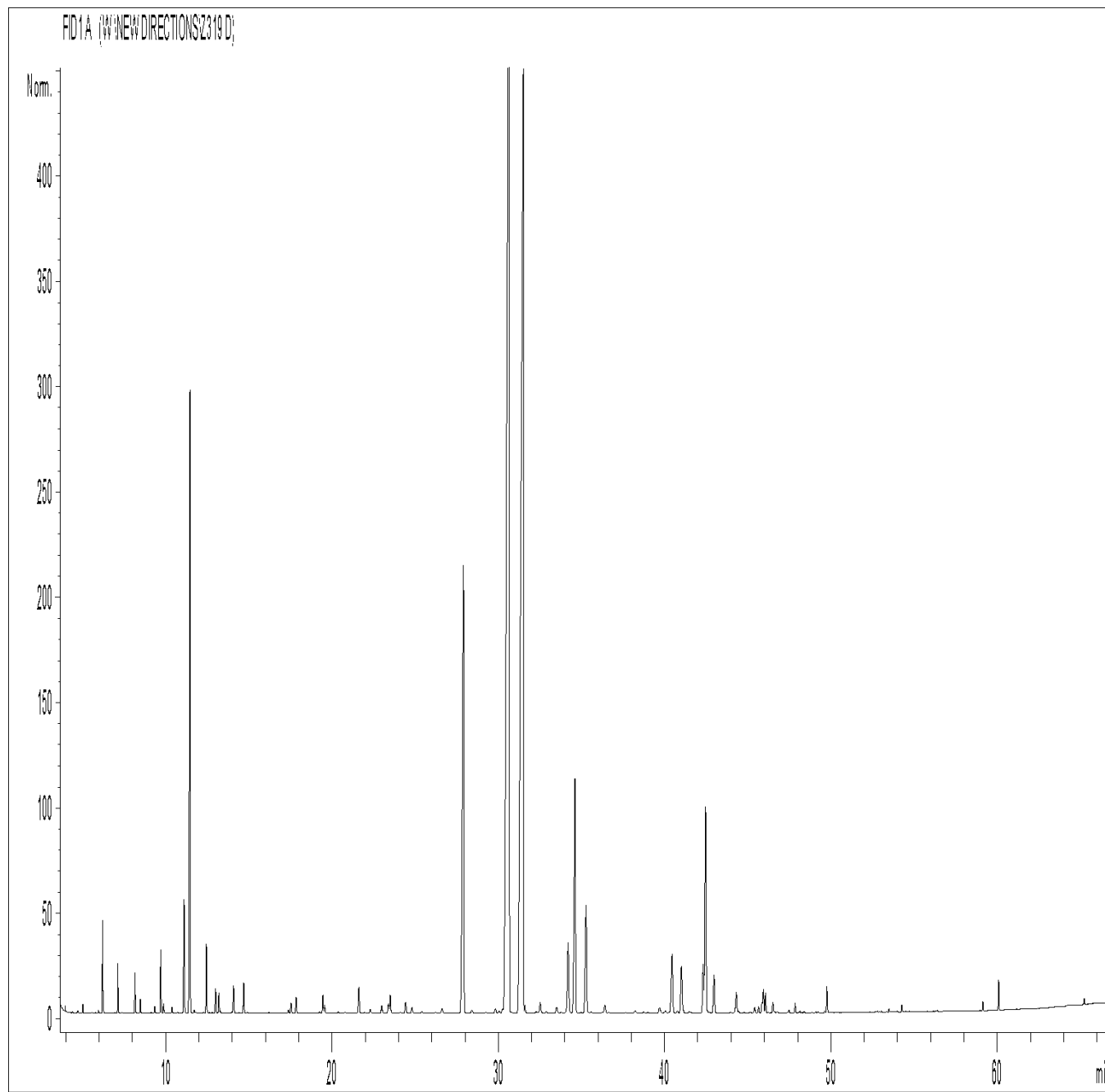


GCMS ANALYSIS

PRODUCT NAME: LAVANDIN ORGANIC ESSENTIAL OIL - 50051

DATE: September 12, 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: LAVANDIN ORGANIC ESSENTIAL OIL - 50051

Peak	RT (min)	Compound name	%
1	3,96	ACETONE	0,02
2	5,02	ETHANOL	0,04
3	5,96	TRICYCLEN	0,01
4	6,20	alpha-PINENE	0,52
5	6,24	alpha-THUYENE	0,10
6	7,13	CAMPHENE	0,32
7	8,16	beta-PINENE	0,28
8	8,48	SABINENE	0,10
9	9,35	delta3-CARENE	0,05
10	9,70	beta-MYRCENE	0,48
11	9,88	alpha-PHELLANDRENE	0,08
12	10,38	alpha-TERPINENE	0,05
13	11,10	LIMONENE	1,01
14	11,45	1,8-CINEOLE	6,05
15	11,46	beta-PHELLANDRENE	0,05
16	11,71	BUTYL BUTYRATE	0,05
17	12,44	cis-beta-OCIMENE	0,61
18	13,00	gamma-TERPINENE	0,23
19	13,19	trans-beta-OCIMENE	0,18
20	13,28	3-OCTANONE	0,02
21	14,07	HEXYL ACETATE	0,08
22	14,08	p-CYMENE	0,25
23	14,69	TERPINOLENE	0,30
24	17,37	HEXYL PROPIONATE	0,03
25	17,53	HEXYL METHYLPROPIONATE	0,12
26	17,84	1-HEXANOL	0,17
27	19,27	ALLO-OCIMENE	0,02
28	19,46	1-OCTEN-3-YL ACETATE	0,20
29	19,56	3-HEXEN-1-OL	0,08
30	20,38	GALBANOLENE	0,02

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: LAVANDIN ORGANIC ESSENTIAL OIL - 50051

Peak	RT (min)	Compound name	%
31	20,79	2-HEXEN-1-OL	0,01
32	21,62	HEXYL BUTYRATE	0,34
33	22,30	HEXYL 2-METHYLBUTYRATE	0,06
34	22,99	LINALOOL cis-OXIDE	0,11
35	23,40	HEXYL 3-METHYLBUTYRATE	0,13
36	23,51	1-OCTEN-3-OL	0,22
37	24,11	CAMPHENILONE	0,01
38	24,43	trans-THUYANOL	0,15
39	24,81	LINALOOL trans-OXIDE	0,08
40	25,40	OCTYL ACETATE	0,02
41	26,23	alpha-CAMPHOLENAL	0,01
42	26,62	DAUCENE	0,07
43	27,91	CAMPHOR	8,12
44	28,42	beta-BOURBONENE	0,05
45	29,25	alpha-GURJUNENE	0,01
46	29,83	BERGAMOTENE ISOMER	0,08
47	30,05	beta1-CUBEBENE	0,03
48	30,26	cis-THUYANOL	0,06
49	30,65	LINALOOL	33,77
50	31,51	LINALYL ACETATE	28,27
51	31,60	BERGAMOTENE ISOMER	0,08
52	32,28	alpha-cis-BERGAMOTENE	0,03
53	32,52	alpha-SANTALENE	0,18
54	32,89	BORNYL ACETATE	0,02
55	33,51	alpha-trans-BERGAMOTENE	0,11
56	33,78	beta-ELEMENE	0,01
57	33,79	beta-CUBEBENE	0,01
58	34,21	beta-CARYOPHYLLENE	1,29
59	34,62	TERPINENE-4-OL	4,15
60	35,28	LAVANDULYL ACETATE	1,87

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GCMS ANALYSIS (cont'd.)
PRODUCT NAME: LAVANDIN ORGANIC ESSENTIAL OIL - 50051

Peak	RT (min)	Compound name	%
61	35,43	HOTRIENOL	0,01
62	35,59	HEXYL CAPROATE	0,02
63	36,25	AROMADENDRENE	0,01
64	36,42	HEXYL TIGLATE	0,15
65	36,64	MYRTENAL	0,02
66	38,24	FARNESENE ISOMER	0,05
67	38,74	trans-PINOCARVEOL	0,02
68	39,00	FARNESENE ISOMER	0,02
69	39,69	FARNESENE ISOMER	0,05
70	39,70	ZONARENE	0,07
71	40,06	alpha-HUMULENE	0,04
72	40,31	LAVANDULYL ISOBUTYRATE	0,01
73	40,45	E-beta-FARNESENE	1,11
74	40,76	trans-VERBENOL	0,03
75	41,02	LAVANDULOL	0,83
76	41,47	Z-beta-FARNESENE	0,02
77	42,32	alpha-TERPINEOL	0,66
78	42,47	BORNEOL	3,12
79	42,98	GERMACRENE D	0,58
80	43,97	alpha-ZINGIBERENE	0,01
81	44,32	NERYL ACETATE	0,33
82		cis-alpha-BISABOLENE	
83	44,45	BICYCLOGERMACRENE	0,03
84	45,42	LAVANDULYL BUTYRATE	0,08
85	45,65	E,E-alpha-FARNESENE	0,08
86	45,87	gamma-CADINENE	0,12
87	45,95	GERANYL ACETATE	0,28
88	46,07	LAVANDULYL METHYLBUTYRATE	0,24
89	46,23	LINALOOL PYRANOID trans-OXIDE	0,01
90	46,52	beta-SESQUIPHELLANDRENE	0,13

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: LAVANDIN ORGANIC ESSENTIAL OIL - 50051

Peak	RT (min)	Compound name	%
91	46,61	alpha-CURCUMENE	0,01
92	46,79	trans-alpha-BISABOLENE	0,01
93	47,48	CAMPHOLENOL	0,03
94	47,86	NEROL	0,10
95	48,14	cis-EPOXYLINALYL ACETATE	0,02
96	48,39	trans-EPOXYLINALYL ACETATE	0,02
97	49,09	CALAMENENE	0,01
98	49,62	m-CYMENE-8-OL	0,01
99	49,76	GERANIOL	0,25
100	49,77	p-CYMENE-8-OL	0,03
101	52,68	TERPENIC ESTER	0,01
102	52,81	SESQUITERPENIC EPOXIDE	0,01
103	53,50	3,7-OCTADIENE-2,6-DIOL, 2,6-DIMETHYL-	0,02
104	53,99	ISOCARYOPHYLLENE EPOXIDE	0,01
105	54,28	CARYOPHYLLENE EPOXIDE	0,07
106	56,41	CUBENOL	0,01
107	59,14	T-CADINOL	0,08
108	60,10	alpha-BISABOLOL	0,24
109	65,24	COUMARIN	0,06
		TOTAL	99,99

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