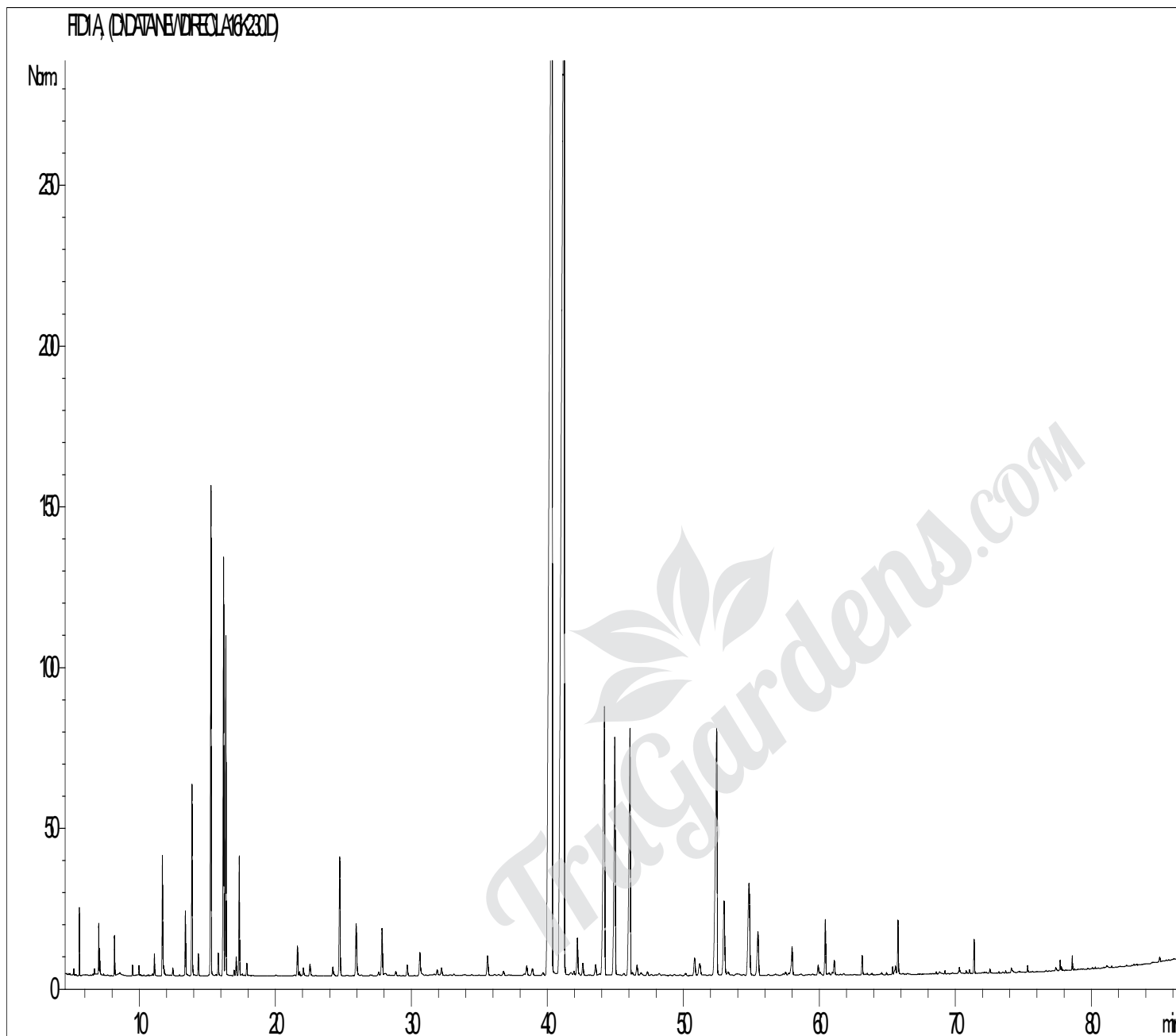


GCMS ANALYSIS

PRODUCT NAME: LAVENDER ORGANIC ESSENTIAL OIL - 50015

DATE: February 2, 2017



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 ORGANIC ESSENTIAL OIL - 50015

Peak	RT (min)	Compound name	%
1	5,1	BUTANAL, 2-METHYL	0,01
2	5,2	ISOVALERALDEHYDE	0,02
3	5,6	HEXANE METHOXY	0,20
4	6,7	TRICYCLENE	0,02
5	7,0	α -PINENE	0,20
6	7,1	α -THUYENE	0,10
7	7,1	PRENOL	0,01
8	7,4	TOLUENE	0,01
9	8,2	CAMPHENE	0,20
10	8,6	BUTYL ACETATE	0,01
11	9,5	β -PINENE	0,05
12	10,0	SABINENE	0,05
13	10,9	BUTYL ISOBUTYRATE	0,01
14	11,1	Δ 3-CARENE	0,12
15	11,7	β -MYRCENE	0,72
16	11,8	α -PHELLANDRENE	0,06
17	12,5	α -TERPINENE	0,05
18	13,4	LIMONENE	0,41
19	13,9	1,8-CINEOLE	0,76
20	14,0	β-PHELLANDRENE	0,50
21	14,3	BUTYL BUTYRATE	0,14
22	15,3	Cis-β-OCIMENE	3,35
23	15,8	γ -TERPINENE	0,16
24	16,2	Trans-β-OCIMENE	3,12
25	16,4	3-OCTANONE	2,20
26	17,0	m-CYMENE	0,03
27	17,1	p-CYMENE	0,13
28	17,3	HEXYL ACETATE	0,79
29	17,6	ISOTERPINOLENE	0,02
30	17,9	TERPINOLENE	0,09
31	21,6	1-ETHYLHEXYL ACETATE	0,25
32	21,8	HEXYL PROPIONATE	0,03

Disclaimer & Caution

Please refer to the Material Safety Data Sheet (MSDS) and all other relevant technical information specific to the product, prior to use. The user of this product is solely responsible for determining the suitability of the product for their particular use and to be in compliance with all laws and regulations applying to the use of this product. TruGardens. shall not be held responsible for any damages or for any adverse physical effects (including injury or bodily harm) caused by insufficient knowledge, wrongful application or the improper handling or use of this product. As the ordinary or otherwise use(s) of this product is outside the control of TruGardens., no representation or warranty, expressed or implied is made as to the effect(s) of such use(s) (including damage or injury), or the results obtained. The information on the TruGardens. website is obtained from current and reliable sources but makes no representation as to its comprehensiveness or accuracy. The liability of TruGardens. is limited to the value of the goods and does not include any consequential loss. TruGardens. shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon.

GCMS ANALYSIS (cont'd.)

PRODUCT NAME: LAVENDER ORGANIC ESSENTIAL OIL - 50015

Peak	RT (min)	Compound name	%
33	22,1	HEXYL METHYLPROPIONATE	0,07
34	22,5	1-HEXANOL	0,11
35	24,2	ALLO-OCIMENE	0,10
36	24,7	OCT-1-EN-3-YL ACETATE	1,07
37	25,9	3-OCTANOL	0,42
38	26,0	GALBANOLENE + UNDECATRIENE ISOMER	0,13
39	27,6	BUTYL CAPROATE	0,04
40	27,8	HEXYL BUTYRATE	0,48
41	28,1	ISOBUTYL TIGLATE	0,04
42	28,8	HEXYL, 2-METHYLBUTYRATE	0,04
43	29,7	LINALOOL Cis-OXIDE	0,10
44	30,6	1-OCTEN-3-OL	0,25
45	30,7	ACETIC ACID	0,02
46	31,9	Trans-THUYANOL	0,06
47	32,2	LINALOOL Trans-OXIDE	0,08
48	33,1	OCTYL ACETATE	0,01
49	34,4	α -COPAENE	0,01
50	35,6	CAMPHOR	0,23
51	36,8	β -BOURBONENE	0,05
52	38,5	BERGAMOTENE ISOMER	0,12
53	38,9	Cis-THUYANOL	0,09
54	40,4	LINALOOL	31,88
55	41,2	LINALYL ACETATE	28,47
56	41,3	BERGAMOTENE ISOMER	0,06
57	41,7	BORNYL FORMATE	0,06
58	42,0	α ,cis-BERGAMOTENE	0,04
59	42,2	α -SANTALENE	0,42
60	42,6	BORNYL ACETATE	0,13
61	43,5	α -trans-BERGAMOTENE	0,12
62	44,2	β-CARYOPHYLLENE	4,10
63	45,0	TERPINENE-4-OL	2,96
64	46,1	LAVANDULYL ACETATE	3,43

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: LAVENDER ORGANIC ESSENTIAL OIL - 50015

Peak	RT (min)	Compound name	%
65	46,2	HOTRIENOL	0,04
66	46,6	HEXYL CAPROATE	0,13
67	46,9	SESQUITERPENE	0,05
68	47,4	HEXYL TIGLATE	0,05
69	48,2	Epi- β -SANTALENE	0,03
70	50,2	FARNESENE ISOMER	0,03
71	50,8	CRYPTONE	0,22
72	51,2	α -HUMULENE + FARNESENE ISOMER	0,19
73	52,5	E-β-FARNESENE	4,12
74	53,0	LAVANDULOL	1,03
75	53,3	Z- β -FARNESENE	0,05
76	54,8	α-TERPINEOL	0,90
77	54,9	BORNEOL	0,68
78	55,5	GERMACRENE D	0,61
79	57,5	CARVONE	0,04
80	57,7	BICYCLOGERMARENE	0,02
81	58,0	NERYL ACETATE	0,35
82	58,7	PYRANIC LINALOOL cis-OXIDE	0,02
83	59,9	γ -CADINENE	0,10
84	60,1	SESQUITERPENE	0,04
85	60,4	GERANYL ACETATE	0,50
86	60,7	PYRANIC LINALOOL trans-OXIDE	0,03
87	61,0	α -CURCUMENE	0,03
88	61,1	CUMINAL	0,14
89	63,1	NEROL	0,16
90	63,5	Cis-EPOXYLINALYL ACETATE	0,02
91	63,9	Trans-EPOXYLINALYL ACETATE	0,02
92	64,6	3,5,7-OCTATRIENE-2-OL, 2,6-DIMETHYL	0,02
93	64,9	Trans-CARVEOL	0,02
94	65,4	m-CYMENE-8-OL	0,05
95	65,5	2,4,6-OCTATRIEN-1-OL, 3,7-DIMETHYL	0,02
96	65,6	p-CYMENE-8-OL	0,07

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: LAVENDER ORGANIC ESSENTIAL OIL - 50015

Peak	RT (min)	Component name	%
97	65,8	GERANIOL	0,40
98	66,1	AROMATIC ESTER	0,01
99	66,5	PHENYLMETHYL BUTYRATE	0,01
100	68,6	PIPERITENONE	0,02
101	68,8	HUMULENE EPOXIDE	0,03
102	39,2	ISOPENTYL CAPROATE	0,02
103	70,3	HEXENYL ESTER	0,05
104	70,8	3,7-OCTADIENE-2,6-DIOL, 2,6-DIMETHYL	0,02
105	71,0	ISOCARYOPHYLLENE EPOXIDE	0,02
106	71,4	CARYOPHYLLENE EPOXIDE	0,24
107	72,5	α -PHOTOSANTALOL A	0,03
108	73,7	NEROLIDOL	0,01
109	74,1	SESQUITERPENOL	0,06
110	75,3	CUMINOL	0,04
111	77,4	SANTALOL ISOMER	0,03
112	77,7	T-CADINOL	0,06
113	77,8	THYMOL	0,02
114	78,6	CARVACROL	0,08
115	85,0	COUMARIN	0,04
		TOTAL	99,98

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