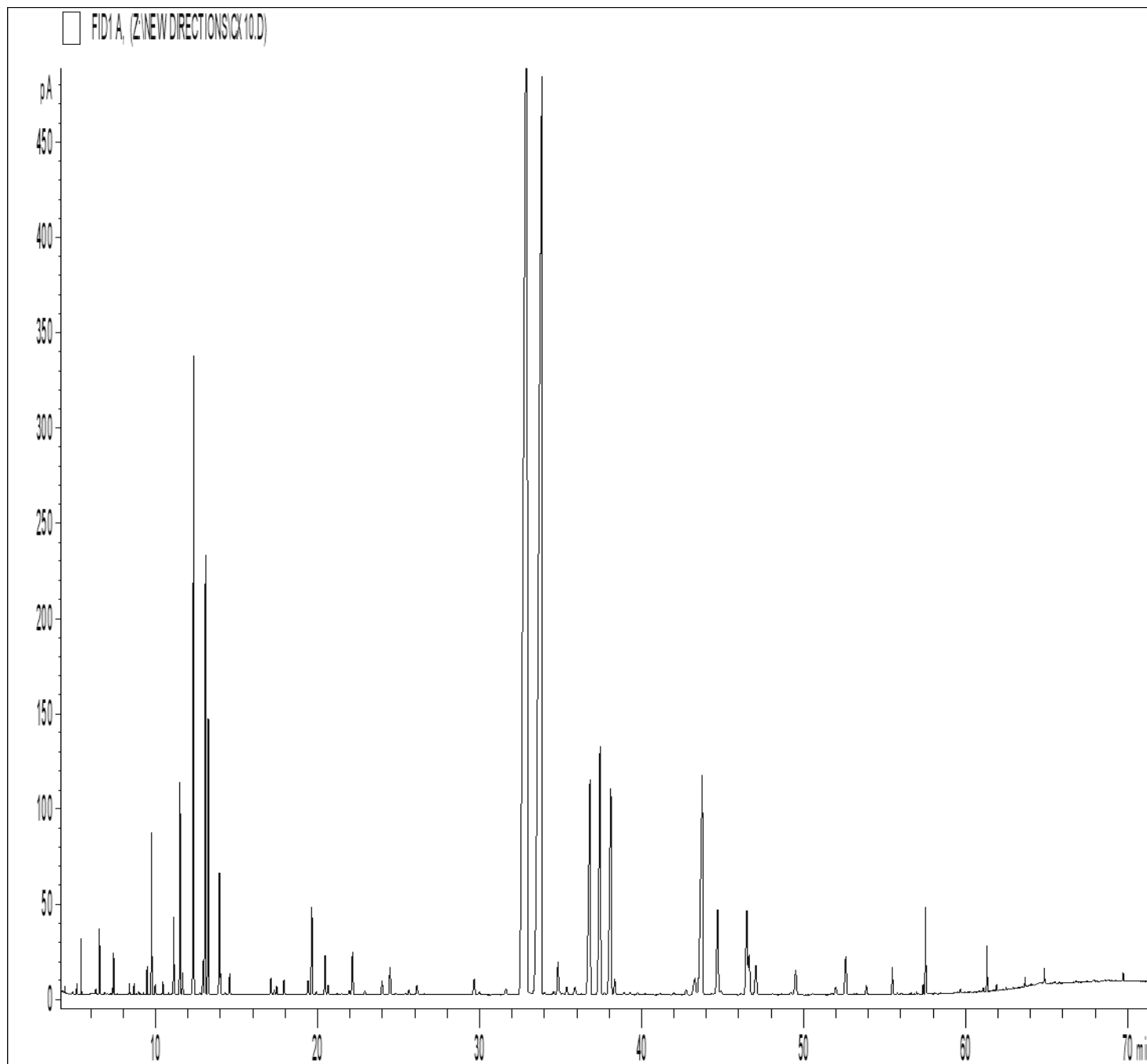


GCMS ANALYSIS

PRODUCT NAME: LAVENDER ESSENTIAL OIL (BULGARIA) -VERIFIED BY ECOCERT

DATE: October 23, 2020



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 (BULGARIA) - VERIFIED BY ECOCERT – 11168

Peak	RT (min)	Compound name	%
1	5,10	BUTANAL, 2-METHYL-	0,01
2	5,13	ISOVALERALDEHYDE	0,04
3	5,40	HEXANE, 1-METHOXY-	0,18
4	6,31	TRICYCLENE	0,02
5	6,53	alpha-PINENE	0,22
6	6,54	alpha-THUYENE	0,15
7	7,35	BUTYL ACETATE	0,02
8	7,41	CAMPHENE	0,19
9	8,38	beta-PINENE	0,05
10	8,67	SABINENE	0,05
11	8,96	THUYA-2,4-DIENE	0,02
12	9,47	delta3-CARENE	0,15
13	9,75	beta-MYRCENE	0,84
14	9,97	alpha-PHELLANDRENE	0,06
15	10,45	alpha-TERPINENE	0,07
16	11,12	LIMONENE	0,46
17	11,51	1,8-CINEOLE	1,32
18		beta-PHELLANDRENE	
19	11,67	BUTYL BUTYRATE	0,13
20	12,36	cis-beta-OCIMENE	4,54
21	12,74	trans-ARBUSCULON	0,01
22	12,91	gamma-TERPINENE	0,22
23	13,07	trans-beta-OCIMENE	3,02
24	13,25	3-OCTANONE	1,77
25	13,87	m-CYMENE	0,02
26	13,94	HEXYL ACETATE	0,84
27	14,01	p-CYMENE	0,12
28	14,30	ISOTERPINOLENE	0,01
29	14,57	TERPINOLENE	0,14
30	17,11	3-OCTANOL ACETATE	0,14

Disclaimer & Caution

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GCMS ANALYSIS (cont'd,)

PRODUCT NAME: LAVENDER ESSENTIAL OIL (BULGARIA) - VERIFIED BY ECOCERT – 11168

Peak	RT (min)	Compound name	%
31	17,32	HEXYL PROPIONATE	0,04
32	17,47	HEXYL METHYLPROPIONATE	0,07
33	17,92	1-HEXANOL	0,13
34	19,41	ALLO-OCIMENE	0,14
35	19,64	1-OCTEN-3-YL ACETATE	0,78
36	19,92	3-HEXEN-1-OL	0,03
37	20,46	3-OCTANOL	0,36
38	20,65	GALBANOLENE	0,09
39	21,21	ALLO-OCIMENE ISOMER	0,01
40	21,48	UNDECATRIENE ISOMER	0,01
41	21,96	BUTYL CAPROATE	0,04
42	22,15	HEXYL BUTYRATE	0,45
43	22,92	HEXYL 2-METHYLBUTYRATE	0,04
44	23,98	LINALOOL cis-OXIDE	0,15
45	24,47	1-OCTEN-3-OL	0,28
46	24,83	COSMENE	0,02
47	25,43	3-HEXENYL BUTYRATE	0,01
48	25,64	trans-THUYANOL	0,05
49	26,13	LINALOOL trans-OXIDE	0,12
50	26,57	OCTYL ACETATE	0,01
51	29,67	CAMPHOR	0,20
52	29,99	BENZALDEHYDE	0,04
53	31,62	beta-BOURBONENE	0,10
54	32,93	LINALOOL	34,20
55	33,84	LINALYL ACETATE	25,27
56	34,01	BERGAMOTENE ISOMER	0,02
57	34,56	BORNYL FORMATE	0,04
58	34,84	alpha-SANTALENE	0,38
59	34,93	alpha-cis-BERGAMOTENE	0,03
60	35,13	epsilon-CADINENE	0,02

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GCMS ANALYSIS (cont'd,)

PRODUCT NAME: LAVENDER ESSENTIAL OIL (BULGARIA) - VERIFIED BY ECOCERT – 11168

Peak	RT (min)	Compound name	%
61	35,38	BORNYL ACETATE	0,11
62	35,89	alpha-trans-BERGAMOTENE	0,12
63	36,26	beta-ELEMENE	0,01
64	36,82	beta-CARYOPHYLLENE	3,54
65	37,44	TERPINENE-4-OL	3,64
66	37,70	TERPENIC ESTER	0,03
67	38,11	LAVANDULYL ACETATE	3,22
68	38,35	HEXYL CAPROATE	0,18
69	38,92	AROMADENDRENE	0,03
70	39,29	HEXYL TIGLATE	0,03
71	39,70	cis-p-2,8-MENTHADIEN-1-OL	0,02
72	39,76	cis-p-MENTH-2-EN-1-OL	0,02
73	40,22	beta-SANTALENE	0,02
74	40,51	GERMACRENE A	0,01
75	41,14	FARNESENE ISOMER	0,03
76	41,99	FARNESENE ISOMER	0,04
77	42,76	FARNESENE ISOMER	0,08
78	43,23	alpha-HUMULENE	0,11
79	43,29	CRYPTONE	0,24
80	43,74	E-beta-FARNESENE	4,14
81	43,97	delta-TERPINEOL	0,01
82	44,33	SESQUITERPENE	0,02
83	44,51	COMPOUND Mw=150	0,01
84	44,69	LAVANDULOL	1,24
85	44,88	Z-beta-FARNESENE	0,06
86	45,20	gamma-MUUROLENE	0,01
87	46,14	VERBENONE	0,02
88	46,50	alpha-TERPINEOL	1,24
89	46,64	BORNEOL	0,56
90	47,07	GERMACRENE D	0,47

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GCMS ANALYSIS (cont'd,)

PRODUCT NAME: LAVENDER ESSENTIAL OIL (BULGARIA) - VERIFIED BY ECOCERT – 11168

Peak	RT (min)	Compound name	%
91	48,09	MENTHADIENOL ISOMER	0,02
92	48,62	PELLANDRAL	0,02
93	48,76	PIPERITONE	0,01
94	49,22	beta-BISABOLENE	0,04
95	49,52	NERYL ACETATE	0,40
96	50,55	LINALOOL PYRANOID cis-OXIDE	0,02
97	51,75	SESQUITERPENE	0,02
98	51,98	gamma-CADINENE	0,11
99	52,61	GERANYL ACETATE	0,55
100	53,09	p-METHYLACETOPHENONE	0,02
101	53,28	beta-SESQUIPELLANDRENE	0,02
102	53,88	CUMINAL	0,11
103	55,48	NEROL	0,22
104	55,79	cis-EPOXYLINALYL ACETATE	0,01
105	56,06	trans-EPOXYLINALYL ACETATE	0,01
106	56,97	trans-CARVEOL	0,02
107	57,38	m-CYMENE-8-OL	0,06
108	57,50	p-CYMENE-8-OL	0,06
109	57,53	GERANIOL	0,49
110	59,49	PIPERITENONE	0,01
111	59,68	HUMULENE EPOXIDE	0,04
112	61,09	ISOCARYOPHYLLENE EPOXIDE	0,02
113	61,32	CARYOPHYLLENE EPOXIDE	0,25
114	61,91	alpha-PHOTOSANTALOL A	0,03
115	62,50	NEROLIDOL	0,02
116	63,67	CUMINOL	0,05
117	64,86	T-CADINOL	0,08
118	69,73	COUMARIN	0,06
		TOTAL	100,00

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