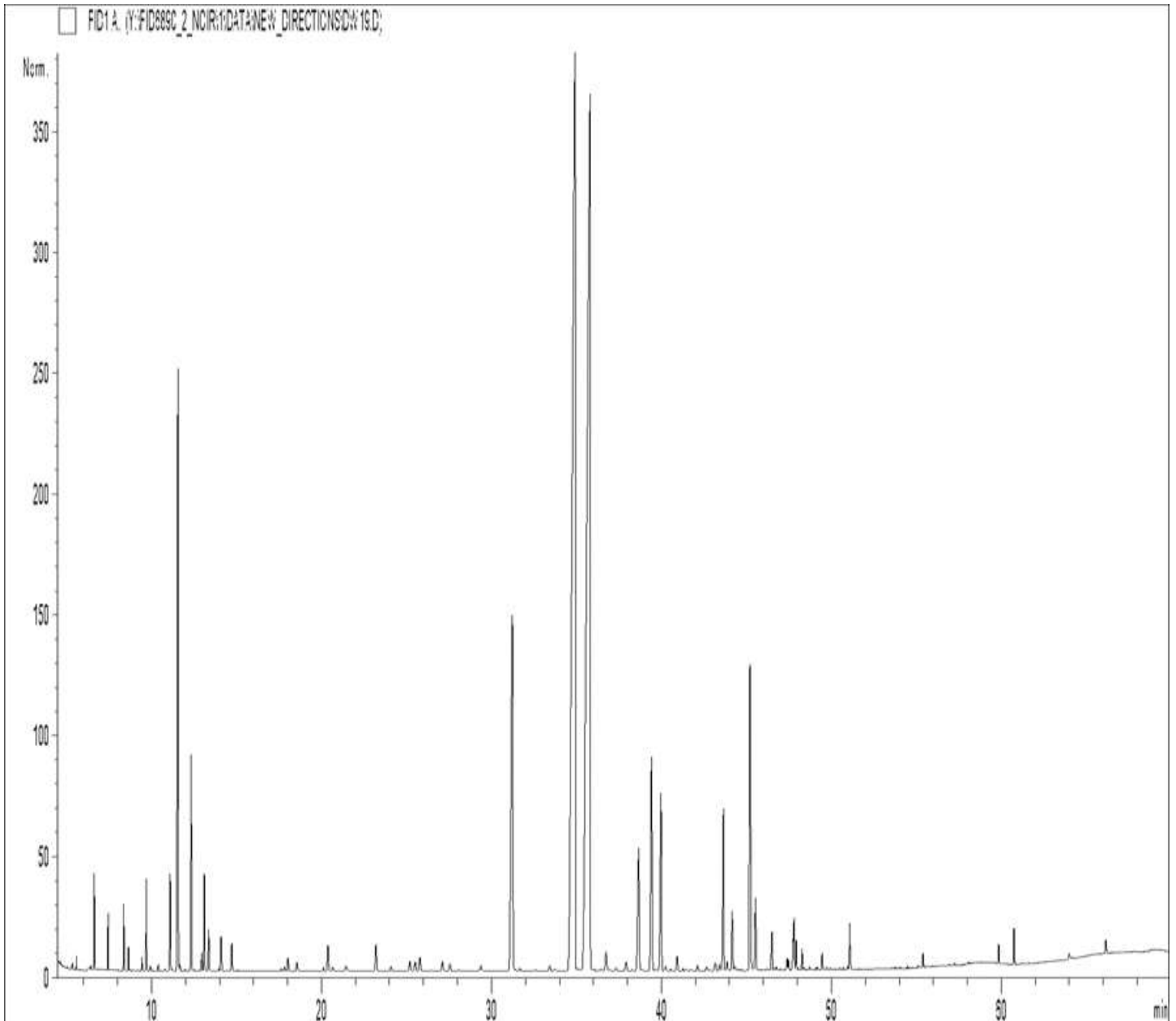


GCMS ANALYSIS

PRODUCT NAME: LAVENDER ESSENTIAL OIL - 40/42 -VERIFIED BY ECOCERT/COSMOS  
APPROVED- 11077  
DATE: 26 October,2021



*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 - 40/42 -VERIFIED BY ECOCERT/COSMOS APPROVED- 11077

Peak	RT (min)	Compound name	%
1	4,66	ACETONE	0,02
2	5,04	FURAN, 2-METHYL	0,01
3	5,33	BUTANAL, 2-METHYL	0,02
4	5,35	ISOVALERALDEHYDE	0,03
5	5,59	1-METHOXY HEXANE	0,06
6	6,42	TRICYCLENE	0,03
7	6,62	alpha-PINENE	0,46
8	6,65	alpha-THUYENE	0,08
9	7,40	BUTYL ACETATE	0,02
10	7,45	CAMPHENE	0,28
11	8,37	beta-PINENE	0,40
12	8,65	SABINENE	0,14
13	9,44	delta3-CARENE	0,09
14	9,70	<b>beta-MYRCENE</b>	<b>0,60</b>
15	9,93	alpha-PHELLANDRENE	0,04
16	10,40	alpha-TERPINENE	0,05
17	10,79	1,8-CINEOLE, 2,3-DEHYDRO-	0,01
18	11,09	<b>LIMONENE</b>	<b>0,74</b>
19	11,56	<b>1,8-CINEOLE</b>	<b>5,26</b>
20		<b>beta-PHELLANDRENE</b>	
21	11,67	BUTYL BUTYRATE	0,05
22	12,33	<b>cis-beta-OCIMENE</b>	<b>1,69</b>
23	12,78	ARBUSCULON ISOMER	0,02
24	12,95	gamma-TERPINENE	0,16
25	13,11	<b>trans-beta-OCIMENE</b>	<b>0,80</b>
26	13,36	<b>3-OCTANONE</b>	<b>0,35</b>
27	13,95	m-CYMENE	0,16
28	14,05	HEXYL ACETATE	0,20
29	14,15	p-CYMENE	0,13
30	14,42	ISOTERPINOLENE	0,01

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: LAVENDER ESSENTIAL OIL - 40/42 -VERIFIED BY ECOCERT/COSMOS APPROVED- 11077

Peak	RT (min)	Compound name	%
31	14,72	TERPINOLENE	0,25
32	17,64	3-OCTANOL ACETATE	0,02
33	17,84	HEXYL PROPIONATE	0,05
34	18,04	HEXYL METHYLPROPIONATE	0,14
35	18,55	1-HEXANOL	0,11
36	20,12	ALLO-OCIMENE	0,04
37	20,39	1-OCTEN-3-YL ACETATE	0,30
38	20,67	3-HEXEN-1-OL	0,05
39	21,43	3-OCTANOL	0,06
40	21,48	GALBANOLENE	0,03
41	22,99	BUTYL CAPROATE	0,01
42	23,21	<b>HEXYL BUTYRATE</b>	<b>0,36</b>
43	23,68	HEXENYLIC ESTER	0,01
44	24,10	HEXYL 2-METHYLBUTYRATE	0,06
45	24,80	alpha-p-DIMETHYSTYRENE	0,01
46	25,21	LINALOOL cis-OXIDE	0,14
47	25,52	1-OCTEN-3-OL	0,12
48	25,79	HEXYL 3-METHYLBUTYRATE	0,19
49	26,47	CAMPHENILONE	0,02
50	27,12	trans-THUYANOL	0,13
51	27,55	LINALOOL trans-OXIDE	0,11
52	28,09	OCTYL ACETATE	0,02
53	29,38	DAUCENE	0,09
54	31,23	<b>CAMPHOR</b>	<b>6,50</b>
55	31,66	beta-BOURBONENE	0,05
56	32,59	alpha-GURJUNENE	0,02
57	33,43	BERGAMOTENE ISOMER	0,09
58	33,73	beta1-CUBEBENE	0,03
59	34,92	<b>LINALOOL</b>	<b>30,10</b>
60	35,00	cis-THUYANOL	0,06

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: LAVENDER ESSENTIAL OIL - 40/42 -VERIFIED BY ECOCERT/COSMOS APPROVED- 11077

Peak	RT (min)	Compound name	%
61	35,80	<b>LINALYL ACETATE</b>	<b>29,49</b>
62	35,84	BERGAMOTENE ISOMER	0,05
63	36,04	BORNYL FORMATE	0,03
64	36,48	alpha-cis-BERGAMOTENE	0,04
65	36,75	alpha-SANTALENE	0,31
66	36,96	epsilon-CADINENE	0,03
67	37,34	BORNYL ACETATE	0,06
68	37,92	alpha-trans-BERGAMOTENE	0,18
69	38,28	beta-ELEMENE	0,03
70	38,66	beta-CARYOPHYLLENE	2,00
71	39,42	<b>TERPINENE-4-OL</b>	<b>3,01</b>
72	39,68	TERPENIC ESTER	0,02
73	39,98	<b>LAVANDULYL ACETATE</b>	<b>2,33</b>
74	40,24	HEXYL CAPROATE	0,07
75	40,55	AROMADENDRENE	0,02
76	40,92	HEXYL TIGLATE	0,18
77	41,28	beta-SANTALENE	0,03
78	41,72	GERMACRENE A	0,03
79	42,12	FARNESENE ISOMER	0,07
80	42,66	FARNESENE ISOMER	0,05
81	43,14	ZONARENE	0,04
82	43,18	alpha-HUMULENE	0,10
83	43,41	delta-TERPINEOL	0,08
84	43,65	E-beta-FARNESENE	1,76
85	43,86	LAVANDULYL ISOBUTYRATE	0,12
86	44,16	LAVANDULOL	0,69
87	44,33	Z-beta-FARNESENE	0,06
88	45,20	<b>BORNEOL</b>	<b>2,65</b>
89	45,54	<b>alpha-TERPINEOL</b>	<b>1,07</b>
90	45,54	GERMACRENE D	0,79

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: LAVENDER ESSENTIAL OIL - 40/42 -VERIFIED BY ECOCERT/COSMOS APPROVED- 11077

Peak	RT (min)	Compound name	%
91	46,19	PHELLANDRAL	0,02
92	46,30	PIPERITONE	0,01
93	46,50	NERYL ACETATE	0,28
94	46,55	beta-BISABOLENE	0,20
95	46,65	CARVONE	0,03
96	46,77	BICYCLOGERMACRENE	0,04
97	46,99	beta-CURCUMENE	0,02
98	47,40	LAVANDULYL BUTYRATE	0,11
99	47,48	alpha-FARNESENE	0,08
100	47,75	gamma-CADINENE	0,26
101	47,81	GERANYL ACETATE	0,43
102	47,93	LAVANDULYL METHYLBUTYRATE	0,25
103	48,02	LINALOOL PYRANIC trans-OXYDE	0,02
104	48,28	beta-SESQUIPELLANDRENE	0,18
105	48,37	alpha-CURCUMENE	0,02
106	48,43	CUMINAL	0,02
107	48,72	alpha-BISABOLENE	0,03
108	49,10	MYRTENOL	0,02
109	49,19	CAMPHOLENOL	0,03
110	49,45	NEROL	0,15
111	49,75	Cis-Epoxy-LINALYL ACETATE	0,03
112	49,95	Trans-Epoxy-LINALYL ACETATE	0,02
113	50,28	E,E-DIMETHYL-3,5,7-OCTATRIENE-2-OL	0,01
114	50,51	CALAMENENE	0,02
115	50,69	trans-CARVEOL	0,02
116	50,95	m-CYMENE-8-OL	0,03
117	51,00	p-CYMENE-8-OL	0,05
118	51,08	GERANIOL	0,37
119	53,79	HUMULENE EPOXIDE	0,01
120	54,48	3,7-OCTADIENE-2,6-DIOL, 2,6-DIMETHYL	0,02

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## GCMS ANALYSIS

PRODUCT NAME: LAVENDER ESSENTIAL OIL - 40/42 -VERIFIED BY ECOCERT/COSMOS APPROVED- 11077

Peak	RT (min)	Compound name	%
121	55,12	ISOCARYOPHYLLENE EPOXIDE	0,02
122	55,39	CARYOPHYLLENE EPOXIDE	0,12
123	55,62	alpha-PHOTOSANTALOL A	0,02
124	57,25	CUBENOL	0,02
125	58,07	CUMINOL	0,02
126	59,85	T-CADINOL	0,14
127	60,75	alpha-BISABOLOL	0,26
128	66,15	COUMARIN	0,14
		<b>TOTAL</b>	<b>99,99</b>

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