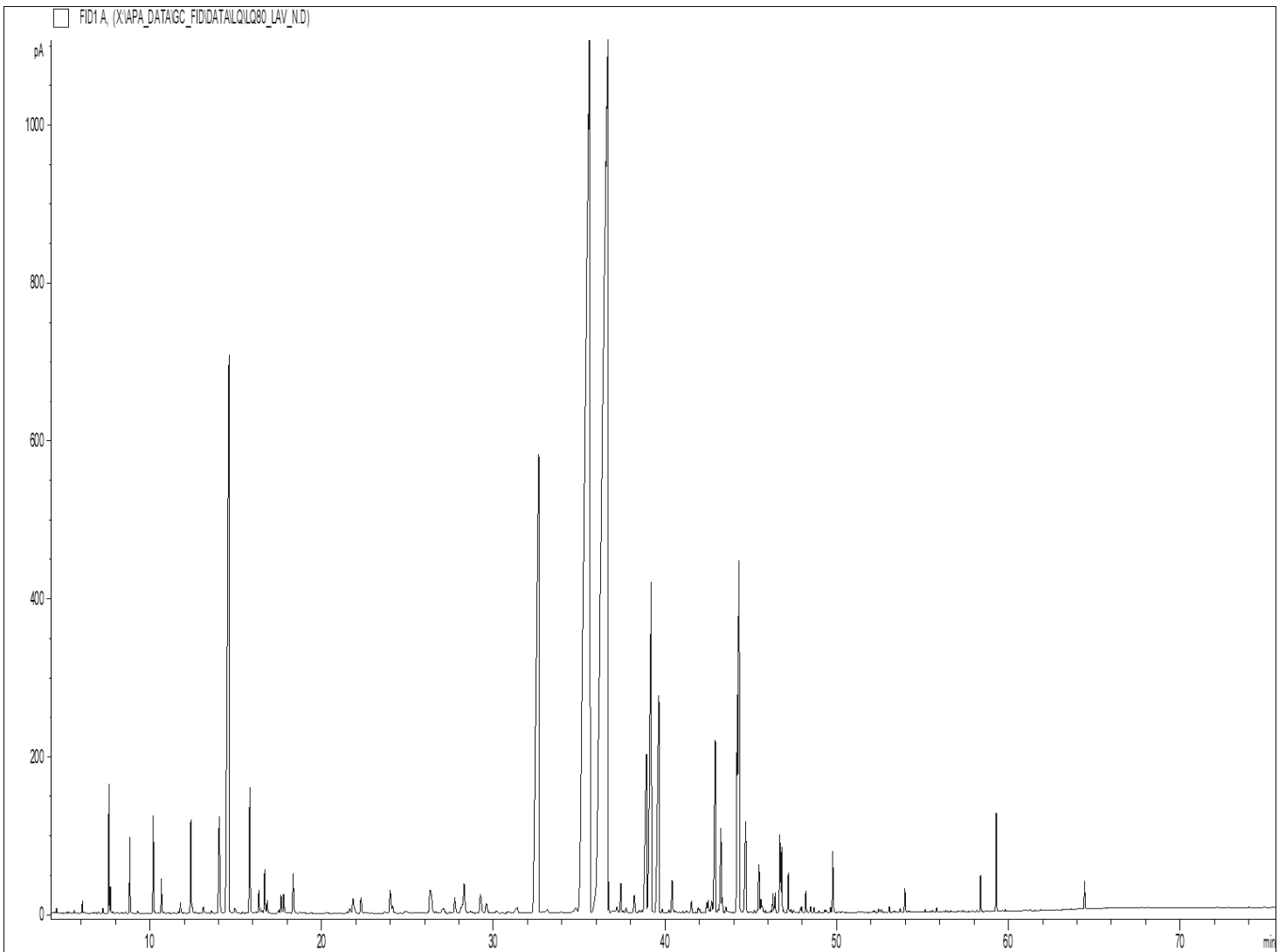


GCMS ANALYSIS

**PRODUCT NAME: LAVANDIN GROSSO ESSENTIAL OIL**

**DATE: May 16, 2024**



*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 GROSSO ESSENTIAL OIL**

Peak	RT (min)	Component name	%
1	6,07	HEXANE, 1-METHOXY-	0,04
2	7,27	TRICYCLENE	0,02
3	7,62	alpha-PINENE	0,47
4	7,70	alpha-THUYENE	0,10
5	8,83	CAMPHENE	0,32
6	10,20	beta-PINENE	0,46
7	10,68	SABINENE	0,16
8	11,78	delta3-CARENE	0,06
9	12,39	beta-MYRCENE	0,49
10	12,47	alpha-PHELLANDRENE	0,03
11	13,12	alpha-TERPINENE	0,04
12	13,59	1,8-CINEOLE, 2,3-DEHYDRO-	0,01
13	14,04	LIMONENE	0,77
14	14,61	1,8-CINEOLE	6,23
15		beta-PHELLANDRENE	
16	14,94	BUTYL BUTYRATE	0,04
17	15,83	cis-beta-OCIMENE	0,74
18	16,35	gamma-TERPINENE	0,14
19	16,52	ALIPHATIC ESTER	0,02
20	16,69	trans-beta-OCIMENE	0,26
21	16,84	3-OCTANONE	0,07
22	17,50	m-CYMENE	0,02
23	17,64	p-CYMENE	0,11
24	17,80	HEXYL ACETATE	0,12
25	18,35	TERPINOLENE	0,26
26	21,64	HEXYL PROPIONATE	0,04
27	21,83	HEXYL METHYLPROPIONATE	0,17
28	22,30	1-HEXANOL	0,12
29	23,68	ALLO-OCIMENE	0,02
30	24,00	1-OCTEN-3-YL ACETATE	0,20

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**GCMS ANALYSIS (cont'd.)**

**PRODUCT NAME: LAVANDIN GROSSO ESSENTIAL OIL**

Peak	RT (min)	Component name	%
31	24,14	3-HEXEN-1-OL	0,06
32	24,91	3-OCTANOL	0,03
33		trans-cis-1,3,5-UNDECATRIENE	
34	26,32	HEXYL BUTYRATE	0,36
35	26,63	ALIPHATIC ESTER	0,02
36	27,11	HEXYL 2-METHYLBUTYRATE	0,08
37	27,75	LINALOOL cis-OXIDE	0,13
38	28,31	1-OCTEN-3-OL	0,41
39		HEXYL 3-METHYLBUTYRATE	
40	28,66	1-HEPTANOL	0,02
41	29,26	trans-THUYANOL	0,22
42	29,59	LINALOOL trans-OXIDE	0,11
43	30,21	OCTYL ACETATE	0,03
44	30,86	alpha-CAMPHOLENAL	0,03
45	31,39	DAUCENE	0,10
46	32,65	CAMPHOR	8,02
47	33,14	beta-BOURBONENE	0,07
48	33,97	alpha-GURJUNENE	0,02
49	34,81	BERGAMOTENE ISOMER	0,10
50	34,90	SESQUITERPENE	0,02
51	34,95	cis-THUYANOL	0,05
52	35,63	LINALOOL	28,30
53	36,67	LINALYL ACETATE	30,80
54	36,73	BERGAMOTENE ISOMER	0,09
55	36,96	BORNYL FORMATE	0,04
56	37,20	alpha-cis-BERGAMOTENE	0,06
57	37,43	alpha-SANTALENE	0,21
58	37,57	SESQUITERPENE	0,02
59	37,74	BORNYL ACETATE	0,05
60	38,22	alpha-trans-BERGAMOTENE	0,15

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**GCMS ANALYSIS (cont'd.)**

**PRODUCT NAME: LAVANDIN GROSSO ESSENTIAL OIL**

Peak	RT (min)	Component name	%
61	38,51	SESQUITERPENE	0,03
62	38,65	SESQUITERPENE	0,02
63	38,92	beta-CARYOPHYLLENE	1,66
64	39,20	TERPINENE-4-OL	3,74
65	39,29	TERPENIC COMPOUND	0,02
66	39,64	LAVANDULYL ACETATE	2,30
67	39,84	HEXYL CAPROATE	0,03
68	40,23	HOTRIENOL	0,02
69	40,42	HEXYL TIGLATE	0,23
70	40,60	SESQUITERPENE	0,01
71	41,04	SESQUITERPENE	0,01
72	41,25	ALCOHOL COMPOUND	0,02
73	41,55	FARNESENE ISOMER	0,09
74	41,93	FARNESENE ISOMER	0,04
75	42,02	trans-PINOCARVEOL	0,03
76	42,43	SESQUITERPENE	0,06
77	42,51	SESQUITERPENE	0,08
78	42,60	LACTONE LAVANDE	0,02
79	42,73	alpha-HUMULENE	0,09
80	42,93	E-beta-FARNESENE	1,44
81	43,26	LAVANDULOL	0,57
82	43,34	delta-TERPINEOL	0,08
83	43,55	Z-beta-FARNESENE	0,04
84	43,76	VERBENONE	0,01
85	44,21	alpha-TERPINEOL	0,82
86	44,31	BORNEOL	3,03
87	44,70	GERMACRENE D	0,82
88	45,03	SESQUITERPENE	0,01
89	45,22	SESQUITERPENE	0,02
90	45,47	NERYL ACETATE	0,37

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**GCMS ANALYSIS (cont'd.)**

**PRODUCT NAME: LAVANDIN GROSSO ESSENTIAL OIL**

Peak	RT (min)	Component name	%
91	45,59	beta-BISABOLENE	0,08
92	45,67	SESQUITERPENE	0,05
93	45,85	cis-PYRANIC LINALOOL OXIDE	0,01
94	46,17	SESQUITERPENE	0,02
95	46,29	LAVANDULYL BUTYRATE	0,09
96	46,42	E,E-alpha-FARNESENE	0,12
97	46,69	GERANYL ACETATE	0,31
98	46,75	gamma-CADINENE	0,26
99	46,81	LAVANDULYL METHYLBUTYRATE	0,33
100	46,89	trans-PYRANIC LINALOOL OXIDE	0,01
101	47,19	beta-SESQUIPELLANDRENE	0,21
102	47,34	SESQUITERPENE	0,03
103	47,49	ALIPHATIC ESTER	0,02
104	47,89	MYRTENOL	0,02
105	47,95	CAMPHOLENOL	0,03
106	48,21	NEROL	0,11
107	48,48	cis-EPOXYLINALYL ACETATE	0,04
108	48,68	trans-EPOXYLINALYL ACETATE	0,03
109	49,31	trans-CARVEOL	0,02
110	49,64	m-CYMENE-8-OL	0,03
111	49,77	GERANIOL	0,33
112		p-CYMENE-8-OL	
113	52,21	HUMULENE EPOXIDE	0,01
114	52,44	TERPENIC COMPOUND	0,02
115	52,60	PIPERITENONE	0,03
116	53,06	HEXENYLIC ESTER	0,03
117	53,70	ISOCARYOPHYLLENE OXIDE	0,02
118	53,97	CARYOPHYLLENE OXIDE	0,12
119	54,22	SESQUITERPENIC COMPOUND	0,02
120	55,16	SESQUITERPENOL	0,01

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: LAVANDIN GROSSO ESSENTIAL OIL

Peak	RT (min)	Component name	%
121	55,82	Epi-CUBENOL	0,02
122	58,38	T-CADINOL	0,16
123	59,30	alpha-BISABOLOL	0,42
124	64,44	COUMARIN	0,15
		<b>TOTAL</b>	<b>99,95</b>

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