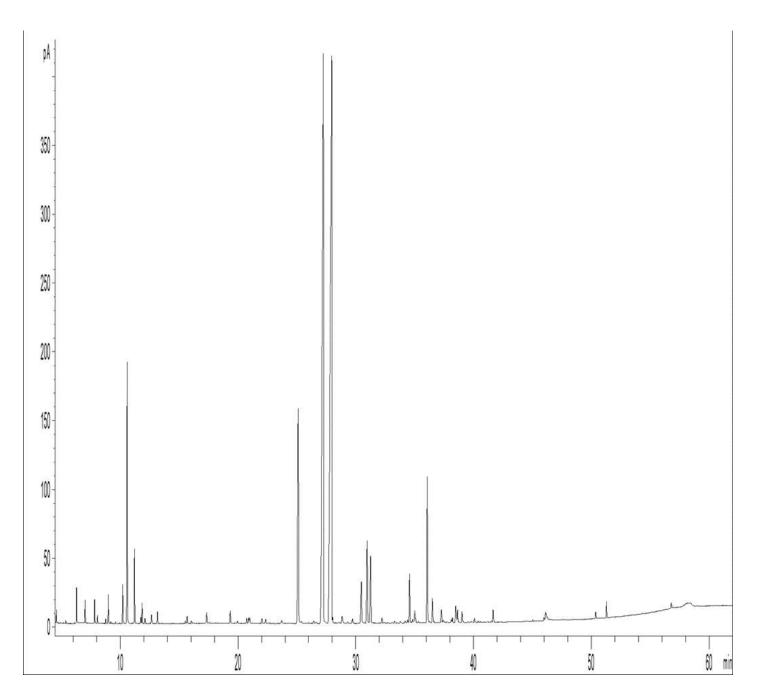


# GCMS ANALYSIS

PRODUCT NAME: LAVANDIN GROSSO ESSENTIAL OIL VERIFIED BY ECOCERT/COSMOS APPROVED – 11156 DATE: May 05, 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.



PRODUCT NAME: LAVANDIN GROSSO ESSENTIAL OIL VERIFIED BY ECOCERT/COSMOS APPROVED – 11156

Peak	RT (min)	Component name	%
1	4,58	ACETONE	0,14
2	5,16	ISOVALERALDEHYDE	0,01
3	5,39	HEXANE, 1-METHOXY-	0,03
4	6,12	TRICYCLENE	0,02
5	6,30	alpha-PINENE	0,52
6	7,03	CAMPHENE	0,32
7	7,84	beta-PINENE	0,36
8	8,08	SABINENE	0,12
9	8,78	delta3-CARENE	0,08
10	9,00	beta-MYRCENE	0,47
11	9,21	alpha-PHELLANDRENE	0,03
12	9,61	alpha-TERPINENE	0,03
13	9,94	1,8-CINEOLE, 2,3-DEHYDRO-	0,01
14	10,22	LIMONENE	0,72
15	10,60	1,8-CINEOLE	4,90
16	10,65	BUTYL BUTYRATE	0,07
17	11,03	COMPOUND Mw=152	0,01
18	11,22	cis-beta-OCIMENE	1,32
19	11,75	gamma-TERPINENE	0,12
20	11,86	trans-beta-OCIMENE	0,39
21	12,11	3-OCTANONE	0,10
22	12,55	m-CYMENE	0,02
23	12.66	HEXYL ACETATE	0.22
24	12,66	p-CYMENE	0,22
25	13,17	TERPINOLENE	0,25
26	15,54	HEXYL PROPIONATE	0,05
27	15,69	HEXYL METHYLPROPIONATE	0,16
28	16,05	1-HEXANOL	0,07
29	17,30	ALLO-OCIMENE	0,02
30	17,35	1-OCTEN-3-YL ACETATE	0,25

#### Disclaimer & Caution



PRODUCT NAME: LAVANDIN GROSSO ESSENTIAL OIL VERIFIED BY ECOCERT/COSMOS APPROVED – 11156

Peak	RT (min)	Component name	%
31	17,57	3-HEXEN-1-OL	0,04
32	18,10	GALBANOLENE	0,01
33	19,35	HEXYL BUTYRATE	0,31
34	19,96	HEXYL 2-METHYLBUTYRATE	0,06
35	20,75	LINALOOL cis-OXIDE	0,13
36	20,91	1-OCTEN-3-OL	0,15
37	21,00	HEXYL 3-METHYLBUTYRATE	0,16
38	21,77	HEXENYLIC ESTER	0,01
39	22,03	trans-THUYANOL	0,14
40	22,35	LINALOOL trans-OXIDE	0,11
41	22,65	OCTYL ACETATE	0,02
42	23,71	DAUCENE	0,10
43	25,12	CAMPHOR	7,32
44	25,38	alpha-COPAENE	0,07
45	26,44	beta-BOURBONENE	0,08
46	26,64	BERGAMOTENE ISOMER	0,05
47	27,25	LINALOOL	28,39
48	27,31	cis-THUYANOL	0,11
49	27,96	LINALYL ACETATE	34,76
50	28,03	alpha-cis-BERGAMOTENE	0,14
51	28,30	BERGAMOTENE ISOMER	0,03
52	28,61	BORNYL FORMIATE	0,03
53	28,85	alpha-SANTALENE	0,24
54	28,90	epsilon-CADINENE	0,05
55	29,31	BORNYL ACETATE	0,05
56	29,72	alpha-trans-BERGAMOTENE	0,15
57	30,47	beta-CARYOPHYLLENE	1,51
58	30,96	TERPINENE-4-OL	2,56
59	31,25	LAVANDULYL ACETATE	2,02
60	31,44	MYRTENAL	0,03

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Peak	RT (min)	Component name	%
61	31,59	cis-p-MENTH-2-EN-1-OL	0,02
62	31,95	HEXYL CAPROATE	0,02
63	32,22	HEXYL TIGLATE	0,16
64	32,42	epi-beta-SANTALENE	0,02
65	32,75	trans-PINOCARVEOL	0,02
66	33,07	beta-SANTALENE	0,02
67	33,29	FARNESENE ISOMER	0,06
68	33,78	FARNESENE ISOMER	0,06
69	34,20	FARNESENE ISOMER	0,06
70	34,41	delta-TERPINEOL	0,09
71	34,57	E-beta-FARNESENE	1,23
72	34,74	alpha-HUMULENE	0,03
73	34,83	LAVANDULYL ISOBUTYRATE	0,11
74	35,01	LAVANDULOL	0,36
75	35,07	gamma-MUUROLENE	0,11
76	35,32	Z-beta-FARNESENE	0,05
77	35,53	SESQUITERPENE	0,02
78	36,07	BORNEOL	3,38
79	36,15	alpha-TERPINEOL	0,58
80	36,51	GERMACRENE D	0,71
81	36,78	alpha-ZINGIBERENE	0,02
82	37,03	SESQUITERPENE	0,02
83	37,27	NERYL ACETATE	0,21
84	37,35	beta-BISABOLENE	0,21
85	37,41	cis-alpha-BISABOLENE	0,08
86	37,53	SESQUITERPENE	0,03
87	37,73	SESQUITERPENE	0,05
88	38,12	PYRANIC LINALOOL trans-OXIDE	0,08
89	38,21	LAVANDULYL BUTYRATE	0,11
90	38,48	GERANYL ACETATE	0,34

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Peak	RT (min)	Component name	%
91	38,51	gamma-CADINENE	0,21
92	38,64	LAVANDULYL METHYLBUTYRATE	0,33
93	38,77	SESQUITERPENE	0,01
94	39,02	beta-SESQUIPHELLANDRENE	0,28
95	39,14	MYRTENOL	0,02
96	39,55	CAMPHOLENOL	0,03
97	39,74	NERYL PROPIONATE	0,02
98	39,85	NEROL	0,02
99	40,07	cis-EPOXYLINALYL ACETATE	0,10
100	40,38	trans-EPOXYLINALYL ACETATE	0,03
101	40,58	3,5,7-OCTATRIENE-2-OL, E,E-2,6-DIMETHYL-	0,02
102	41,19	trans-CARVEOL	0,02
103	41,52	m-CYMENE-8-OL	0,03
104	41,65	GERANIOL	0,27
105	41,70	p-CYMENE-8-OL	0,04
106	44,38	3,7-OCTADIENE-2,6-DIOL, 2,6-DIMETHYL-	0,02
107	45,03	HEXENYLIC ESTER	0,02
108	45,98	CARYOPHYLLENE EPOXIDE	0,08
109	47,78	CUBENOL	0,02
110	50,37	T-CADINOL	0,16
111	51,29	alpha-BISABOLOL	0,32
112	51,80	GERANYL-alpha-TERPINENE	0,02
113	56,78	COUMARIN	0,15
		TOTAL	100,04

#### **Disclaimer & Caution**