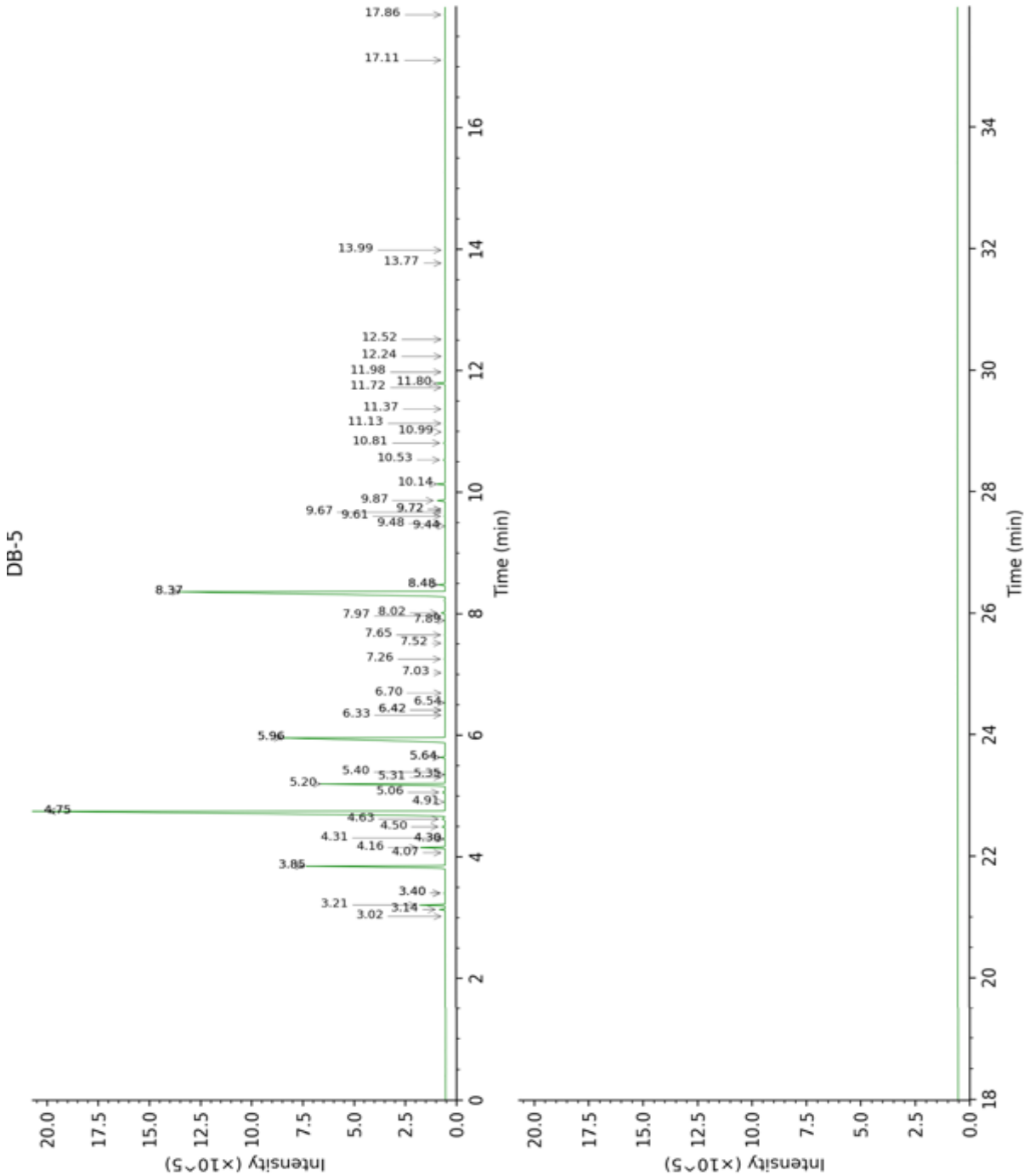


GCMS ANALYSIS

PRODUCT NAME: BERGAMOT ESSENTIAL OIL (CALABRIAN) (*) - 11009
 DATE: January 31, 2023



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: BERGAMOT ESSENTIAL OIL (CALABRIAN) (*) - 11009

Peak	RT (min)	Compound name	%
1	3.02	Tricyclene	tr
2	3.14	α -Thujene	0.21
3	3.21	α -Pinene	0.90
4	3.40*	Camphene	0.05
5	3.40*	α -Fenchene	[0.05]
6	3.85*	β -Pinene	7.13
7	3.85*	Sabinene	[7.13]
8	4.07	6-Methyl-5-hepten-2-one	0.01
9	4.16	Myrcene	0.94
10	4.30*	Pseudolimonene	0.04
11	4.30*	α -Phellandrene	[0.04]
12	4.31	Octanal	0.02
13	4.50	α -Terpinene	0.14
14	4.63	para-Cymene	0.23
15	4.75*	β -Phellandrene	39.49
16	4.75*	Limonene	[39.49]
17	4.75*	1,8-Cineole	[39.49]
18	4.91	(Z)- β -Ocimene	0.04
19	5.06	(E)- β -Ocimene	0.11
20	5.20	γ -Terpinene	6.18
21	5.31	cis-Sabinene hydrate	0.01
22	5.35	para-Mentha-3,8-diene	0.01
23	5.40	cis-Linalool oxide(fur.)	0.03
24	5.64*	trans-Linalool oxide (fur.)	0.21
25	5.64*	Terpinolene	[0.21]
26	5.96*	Linalool	15.31
27	5.96*	Nonanal	[15.31]
28	6.33	cis-Limoneneoxide	0.01
29	6.42*	trans-Limoneneoxide	0.02
30	6.42*	Camphor	[0.02]

Disclaimer & Caution

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: BERGAMOT ESSENTIAL OIL (CALABRIAN) (*) - 11009

Peak	RT (min)	Compound name	%
31	6.54	Epoxyterpinolene	0.01
32	6.70	Citronellal	0.01
33	7.03	Terpinen-4-ol	0.01
34	7.26	α -Terpineol	0.04
35	7.52	Decanal	0.02
36	7.65	Octyl acetate	0.03
37	7.89	Nerol	0.02
38	7.97	Unknown [m/z 43, 71 (64), 68(54), 81 (49), 93(34), 121 (33)...]	0.02
39	8.02	Neral	0.19
40	8.36*	Geraniol	26.64
41	8.36*	Linalyl acetate	[26.64]
42	8.48*	(<i>trans</i> ?) - Linalool oxide acetate(fur.)?	0.29
43	8.48*	Geranial	[0.29]
44	9.44	para-Mentha-1,8- diene-4-hydroperoxide	0.01
45	9.48	Linalyl propionate	0.01
46	9.61	α -Terpinyl acetate	0.04
47	9.67	Unknown [m/z 43, 121 (52), 93(48), 79 (33), 41 (30), 136 (26), 81(25)...]	0.01
48	9.72*	Unknown [m/z 43, 79 (46), 71(30), 94 (25), 41 (23), 81 (21)... 197(0)]	0.02
49	9.72*	Citronellyl acetate	[0.02]
50	9.87	Neryl acetate	0.36
51	10.14	Geranyl acetate	0.36
52	10.53	β -Caryophyllene	0.08
53	10.81	<i>trans</i> - α - Bergamotene	0.07
54	10.99	α -Humulene	0.01
55	11.14	(<i>E</i>)- β -Farnesene	0.02
56	11.37	Germacrene D	0.01
57	11.72	Hodiendiolderivative II	0.01
58	11.80	β -Bisabolene	0.40
59	11.98	δ -Cadinene	0.02
60	12.24	(<i>E</i>)- α -Bisabolene	0.01

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: BERGAMOT ESSENTIAL OIL (CALABRIAN) (*) - 11009

Peak	RT (min)	Compound name	%
61	12.52	(E)-Nerolidol	0.01
62	13.77	Unknown [m/z 69, 95 (100), 41 (89), 109 (68), 67(61)...222]	0.01
63	13.99	α -Bisabolol	0.01
64	17.11	Citropten	0.03
65	17.86	Bergapten	0.03
		Total reported	99.88%

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