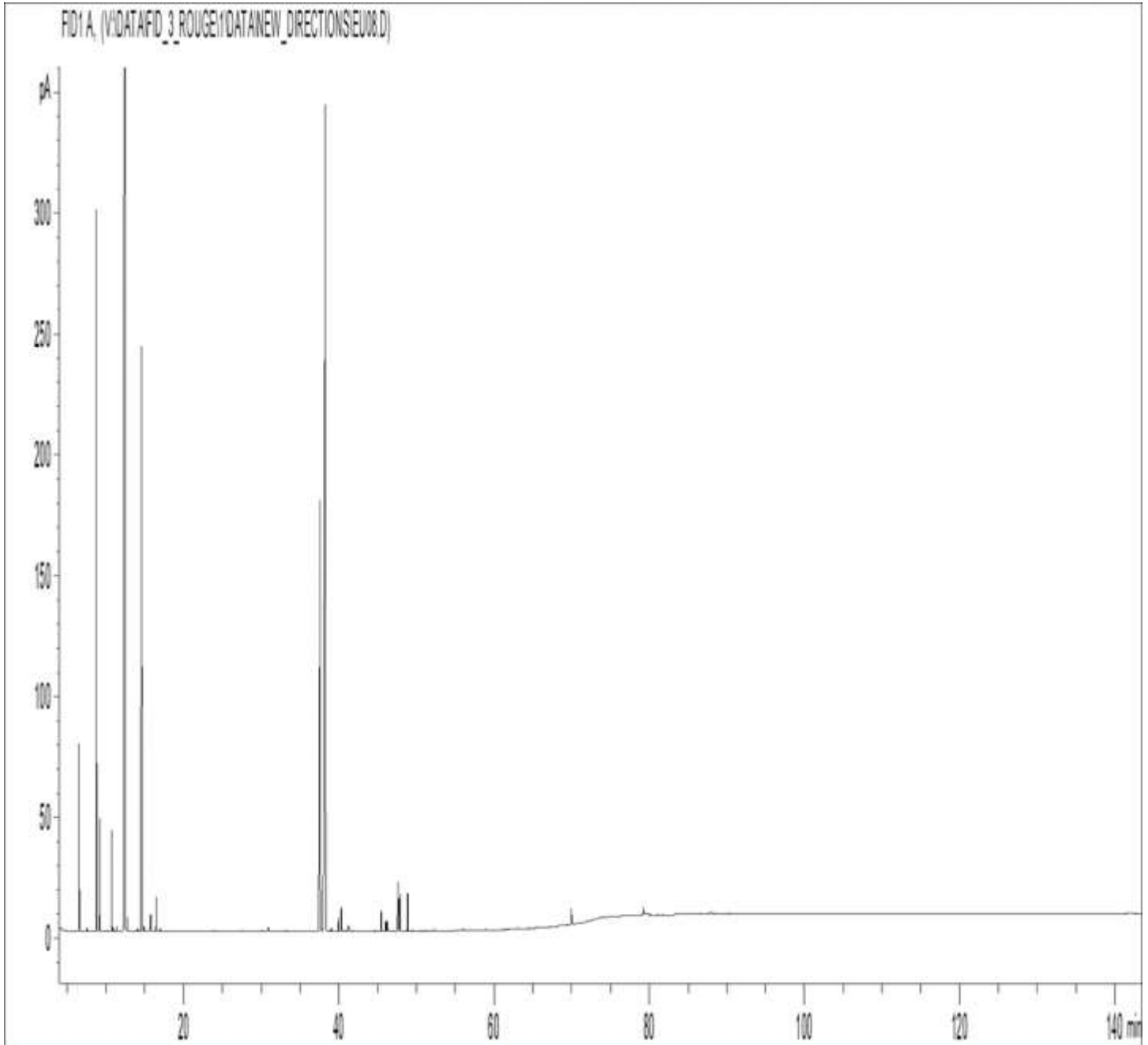


GCMS ANALYSIS

PRODUCT NAME: BERGAMOT (CALABRIAN) ESSENTIAL OIL - 11009  
DATE: June 10, 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: BERGAMOT (CALABRIAN) ESSENTIAL OIL - 11009

Peak	RT (min)	Compound name	%
1	6,53	alpha-PINENE	1,39
2	6,59	alpha-THUYENE	0,30
3	7,55	CAMPHENE	0,03
4	8,76	<b>beta-PINENE</b>	<b>7,15</b>
5	9,18	SABINENE	1,04
6	10,74	beta-MYRCENE	1,04
7	10,84	alpha-PHELLANDRENE	0,02
8	10,99	psi-LIMONENE	0,03
9	11,44	alpha-TERPINENE	0,05
10	12,46	<b>LIMONENE</b>	<b>36,90</b>
11	12,73	1,8-CINEOLE	0,02
12	12,76	beta-PHELLANDRENE	0,14
13	14,03	cis-beta-OCIMENE	0,02
14	14,36	MONOTERPENIC COMPOUND	0,01
15	14,61	<b>gamma-TERPINENE</b>	<b>8,42</b>
16	14,90	trans-beta-OCIMENE	0,07
17	15,65	3,8-p-MENTHADIENE	0,03
18	15,77	p-CYMENE	0,21
19	16,49	TERPINOLENE	0,43
20	17,00	OCTANAL	0,04
21	23,77	FENCHONE	0,02
22	24,04	NONANAL	0,01
23	27,63	LINALOOL cis-OXIDE	0,03
24	29,79	trans-THUYANOL	0,02
25	30,04	LINALOOL trans-OXIDE	0,03
26	30,90	OCTYL ACETATE	0,07
27	32,91	DECANAL	0,02
28	33,19	AROMATIC COMPOUND	0,02
29	33,33	CAMPHOR	0,01
30	37,57	<b>LINALOOL</b>	<b>10,43</b>

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: BERGAMOT (CALABRIAN) ESSENTIAL OIL - 11009

Peak	RT (min)	Compound name	%
31	38,27	<b>LINALYL ACETATE</b>	<b>28,19</b>
32	38,83	alpha-cis-BERGAMOTENE	0,01
33	39,06	COMPOUND Mw=152	0,06
34	39,97	alpha-trans-BERGAMOTENE	0,21
35	40,34	beta-CARYOPHYLLENE	0,39
36	40,64	PLINYL ACETATE	0,02
37	40,99	TERPINENE-4-OL	0,02
38	41,25	COMPOUND Mw=152	0,09
39	41,76	HOTRIENOL	0,01
40	44,58	CITRONELLYL ACETATE	0,01
41	44,66	alpha-HUMULENE	0,02
42	44,96	E-beta-FARNESENE	0,02
43	45,47	NERAL	0,28
44	46,06	TERPENYL ACETATE	0,12
45	46,27	alpha-TERPINEOL	0,12
46	46,38	gamma-TERPINEOL	0,03
47	47,65	NERYL ACETATE	0,51
48	47,63	<b>beta-BISABOLENE</b>	<b>0,31</b>
49	47,88	<b>GERANIAL</b>	<b>0,45</b>
50	48,71	E,E-alpha-FARNESENE	0,01
51	48,92	GERANYL ACETATE	0,41
52	50,55	FARNESENE ISOMER	0,02
53	52,29	NEROL	0,02
54	56,08	GERANIOL	0,01
55	70,01	SPATHULENOL	0,24
56	74,02	SESQUITERPENOL	0,01
57	76,44	alpha-BISABOLOL	0,01
58	79,21	SESQUITERPENOL	0,14
59	87,82	PALMITIC ACID	0,09
60	88,07	STEARIC ACID	0,04

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: BERGAMOT (CALABRIAN) ESSENTIAL OIL - 11009

Peak	RT (min)	Compound name	%
61	88,33	OLEIC ACID	0,03
62	90,28	LINOLEIC ACID	0,07
63	95,99	LIMETTIN	0,02
64	132,72	BERGAPTEN	0,03
		<b>TOTAL</b>	<b>100,00</b>

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