

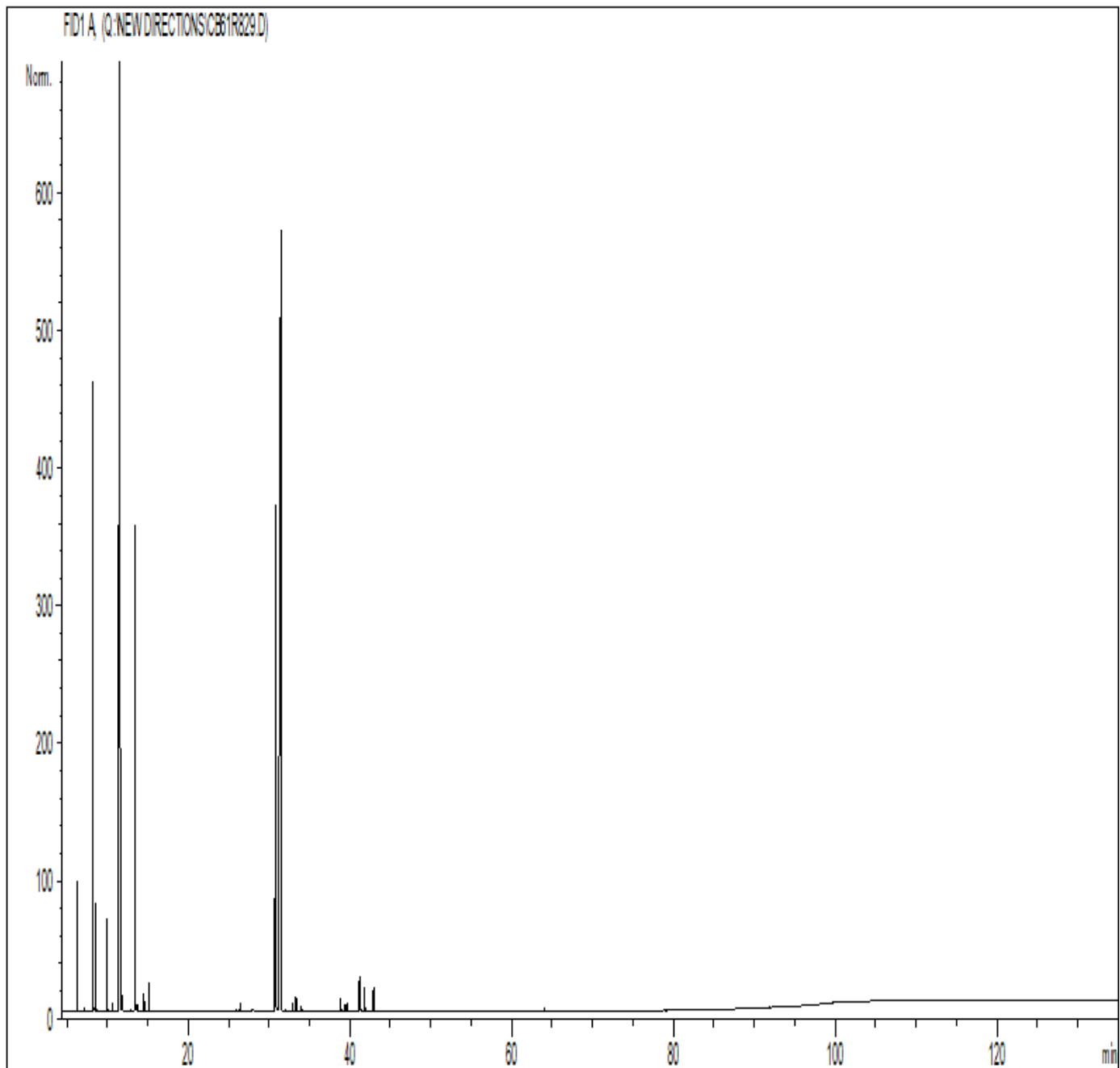


GCMS ANALYSIS

PRODUCT NAME: BERGAMOT (CALABRIAN) ESSENTIAL OIL

DATE: 31 December, 2020

Lot#: 11009A581



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

Peak	RT (min)	Compound name	%
1	4,2	ACETONE	0,01
2	4,9	ETHANOL	0,01
3	6,0	TRICYCLENE	0,01
4	6,2	alpha-PINENE	0,91
5	6,3	alpha-THUYENE	0,18
6	6,9	alpha-FENCHENE	0,01
7	7,1	CAMPHENE	0,03
8	8,2	beta-PINENE	6,48
9	8,6	SABINENE	1,02
10	9,5	delta3-CARENE	0,01
11	9,9	beta-MYRCENE	0,96
12	10,0	alpha-PHELLANDRENE	0,04
13	10,2	psi-LIMONENE	0,02
14	10,6	alpha-TERPINENE	0,11
15	11,6	LIMONENE	39,14
16	11,8	beta-PHELLANDRENE	0,20
17	12,9	Cis-beta-OCIMENE	0,02
18	13,5	gamma-TERPINENE	7,61
19	13,7	Trans-beta-OCIMENE	0,08
20	14,5	p-CYMENE	0,23
21	15,2	TERPINOLENE	0,37
22	15,5	TERPINENE ISOMER	0,01
23	15,7	OCTANAL	0,01
24	17,3	PINOL	0,01
25	21,6	NONANAL	0,01
26	22,4	TETRADECANE	0,01
27	24,1	alpha-p-DIMETHYLSTYRENE	0,01
28	24,2	LINALOOL Cis-EPOXIDE	0,01
29	24,3	LIMONENE Cis-EPOXIDE	0,01
30	25,1	LIMONENE Trans-EPOXIDE	0,01

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: BERGAMOT (CALABRIAN) ESSENTIAL OIL

Peak	RT (min)	Compound name	%
31	25,7	Trans-THUYANOL	0,01
32	25,9	LINALOOL Trans-OXIDE	0,03
33	26,4	OCTYL ACETATE	0,11
34	27,4	CITRONELLAL	0,01
35	27,9	DECANAL	0,07
36	28,0	CAMPHOR	0,01
37	30,8	LINALOOL	11,13
38	31,4	LINALYL ACETATE	28,20
39	31,9	alpha,cis-BERGAMOTENE	0,02
40	32,0	COMPOUND Mw=152	0,03
41	32,8	alpha,trans-BERGAMOTENE	0,12
42	33,3	beta-CARYOPHYLLENE	0,23
43	33,5	TERPINENE-4-OL	0,02
44	33,7	HOTRIENOL	0,01
45	34,0	TERPENIC ESTER	0,09
46	37,5	CITRONELLYL ACETATE	0,02
47	37,8	E-beta-FARNESENE	0,02
48	38,3	alpha-HUMULENE	0,01
49	38,8	NERAL	0,24
50	39,3	TERPENYL ACETATE	0,10
51	39,6	alpha-TERPINEOL	0,13
52	40,4	VALENCENE	0,01
53	41,1	NERYL ACETATE	0,48
54	41,2	beta-BISABOLENE	0,31
55	41,3	SESQUITERPENE	0,02
56	41,8	GERANIAL	0,42
57	42,6	BICYCLOGERMACRENE	0,01
58	42,9	GERANYL ACETATE	0,35
59	43,4	ALIPHATIC ESTER	0,02
60	43,6	SESQUITERPENE	0,01

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: BERGAMOT (CALABRIAN) ESSENTIAL OIL

Peak	RT (min)	Compound name	%
61	43,8	SESQUITERPENE	0,01
62	45,3	NEROL	0,01
63	48,0	GERANIOL	0,01
64	64,0	HEXENYL ESTER	0,04
65	91,8	AROMATIC COMPOUND	0,03
66	95,8	PALMITIC ACID	0,02
		TOTAL	99,90

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