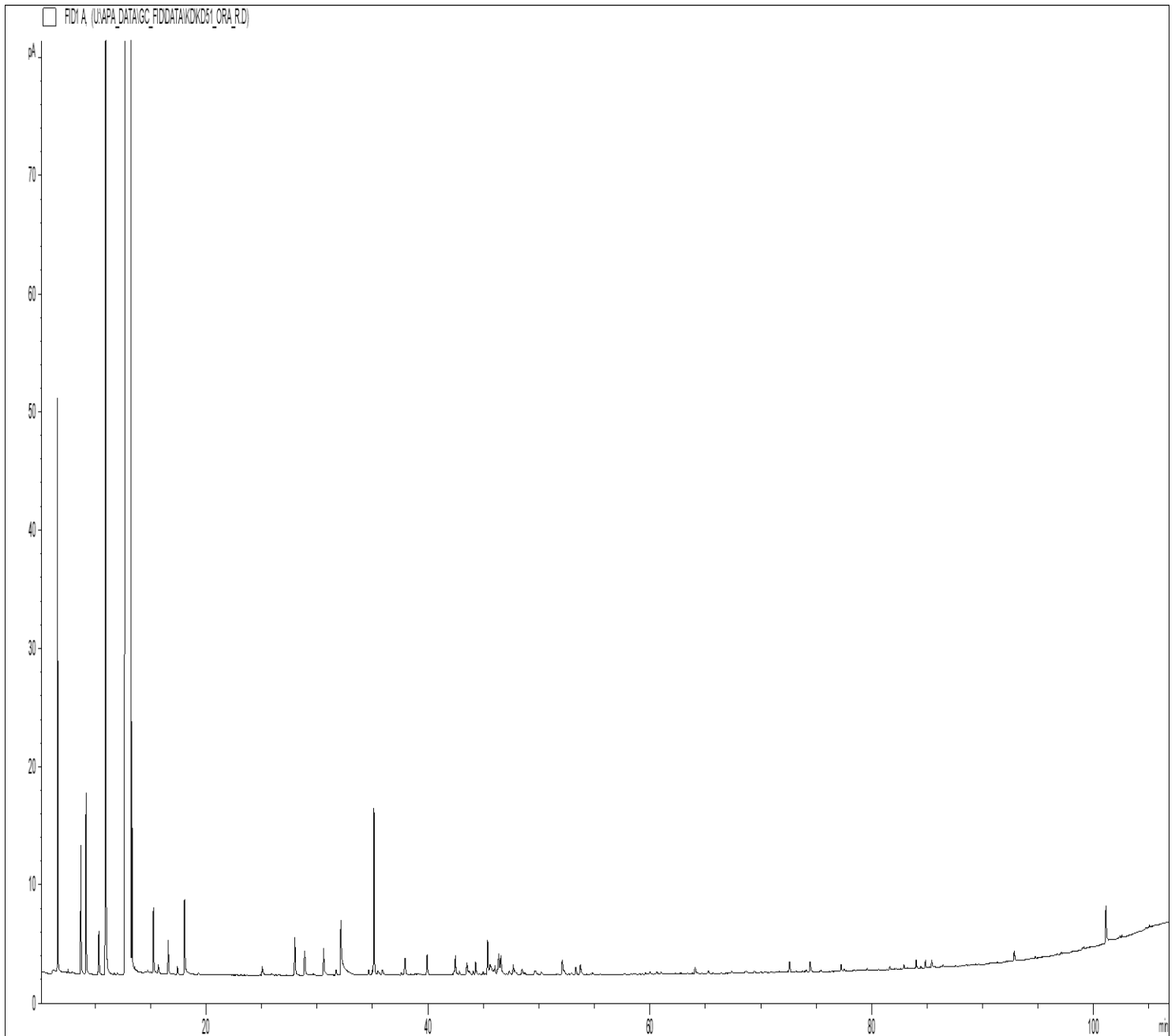


GCMS ANALYSIS

PRODUCT NAME: BLOOD ORANGE (SICILY) ESSENTIAL OIL – 11012

DATE: 10 July 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: BLOOD ORANGE (SICILY) ESSENTIAL OIL – 11012

Peak	RT (min)	Compound name	%
1	6.60	alpha-PINENE	0.64
2	6.65	alpha-THUYENE	0.02
3	8.72	beta-PINENE	0.19
4	9.18	SABINENE	0.28
5	10.33	delta3-CARENE	0.08
6	10.95	beta-MYRCENE	1.70
7	11.00	alpha-PHELLANDRENE	0.07
8	13.19	LIMONENE	94.57
9	13.33	beta-PHELLANDRENE	0.28
10	15.26	gamma-TERPINENE	0.12
11	15.71	trans-beta-OCIMENE	0.02
12	16.59	p-CYMENE	0.06
13	17.43	TERPINOLENE	0.02
14	18.06	OCTANAL	0.16
15	25.07	NONANAL	0.02
16	28.01	LIMONENE cis-1,2-EPOXIDE	0.09
17	28.89	LIMONENE trans-1,2-EPOXIDE	0.06
18	30.60	CITRONELLAL	0.06
19	31.73	alpha-COPAENE	0.01
20	32.16	DECANAL	0.22
21	34.66	beta1-CUBEBENE	0.01
22	35.14	LINALOOL	0.29
23	35.50	cis-8,9-EPOXYDE DE LIMONENE	0.02
24	35.90	1-OCTANOL	0.02
25	37.95	beta-CUBEBENE	0.03
26	38.00	beta-CARYOPHYLLENE	0.02
27	39.93	cis-p-MENTHA-2,8-DIEN-1-OL	0.04
28	42.41	1-NONANOL	0.01
29	42.47	trans-p-MENTHA-2,8-DIEN-1-OL	0.05
30	42.84	E-beta-FARNESENE	0.01

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GCMS ANALYSIS (cont'd),

PRODUCT NAME: BLOOD ORANGE (SICILY) ESSENTIAL OIL – 11012

Peak	RT (min)	Compound name	%
31	43.52	NERAL	0.03
32	43.69	LAVANDULAL	0.02
33	44.30	alpha-TERPINEOL	0.03
34	45.39	VALENCENE	0.08
35	45.60	DODECANAL	0.07
36	46.04	alpha-SELINENE	0.02
37	46.39	CARVONE	0.07
38	46.58	GERANIAL	0.06
39	47.34	trans-ISOPIPERITENOL	0.01
40	47.70	delta-CADINENE	0.02
41	47.83	GERANYL ACETATE	0.02
42	48.49	CITRONELLOL	0.02
43	49.70	PERILLALDEHYDE	0.02
44	52.12	trans-CARVEOL	0.05
45	53.35	PERILLYL ACETATE	0.01
46	53.75	cis-CARVEOL	0.03
47	60.62	LIMONENE-10-OL	0.01
48	64.10	CAPRYLIC ACID	0.02
49	72.61	beta-SINENSAL	0.03
50	74.47	CAPRIC ACID	0.02
51	77.26	alpha-SINENSAL	0.01
52	84.01	LAURIC ACID	0.02
53	84.86	NOOTKATONE	0.02
54	85.43	PENTACOSANE	0.02
55	92.87	HEPTACOSANE	0.02
56	101.13	PALMITIC ACID	0.11
		TOTAL	99.99

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