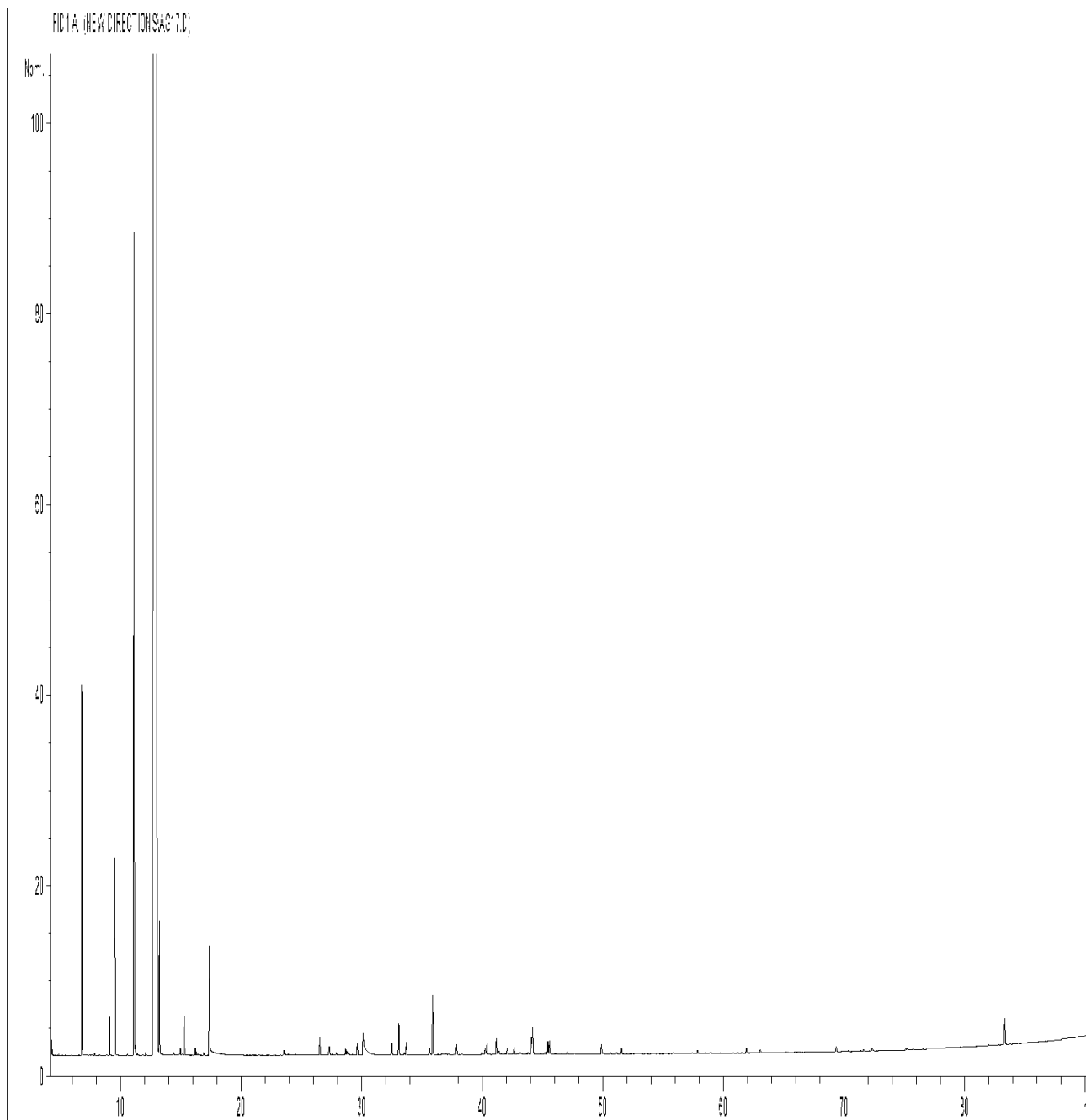


GCMS ANALYSIS

PRODUCT NAME: GRAPEFRUIT ESSENTIAL OIL (WHITE) - 11066

DATE: December 2, 2019



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: GRAPEFRUIT ESSENTIAL OIL (WHITE) - 11066

Peak	RT (min)	Compound name	%
1	4,31	ACETONE	0,02
2	6,80	alpha-PINENE	0,52
3	6,85	alpha-THUYENE	0,01
4	9,10	beta-PINENE	0,07
5	9,54	SABINENE	0,37
6	11,13	beta-MYRCENE	1,77
7	11,24	alpha-PHELLANDRENE	0,03
8	13,02	LIMONENE	95,35
9	13,23	beta-PHELLANDRENE	0,25
10	14,97	gamma-TERPINENE	0,02
11	15,29	Trans-beta-OCIMENE	0,08
12	16,22	p-CYMENE	0,02
13	17,37	OCTANAL	0,28
14	23,58	NONANAL	0,01
15	26,55	LIMONENE cis-1,2-EPOXIDE	0,05
16	27,35	LIMONENE trans-1,2-EPOXIDE	0,03
17	28,69	OCTYL ACETATE	0,02
18	28,81	CITRONELLAL	0,01
19	29,66	alpha-COPAENE	0,03
20	30,14	DECANAL	0,12
21	32,51	beta1-CUBEBENE	0,04
22	33,11	LINALOOL	0,08
23	33,72	1-OCTANOL	0,03
24	35,64	beta-ELEMENE	0,02
25	35,91	beta-CARYOPHYLENE	0,18
26	37,89	Cis-p-MENTHA-2,8-DIEN-1-OL	0,03
27	40,25	alpha-HUMULENE	0,02
28	40,41	Trans-p-MENTHA-2,8-DIEN-1-OL	0,03
29	41,18	NERAL	0,05
30	41,39	DECYL ACETATE	0,02

Disclaimer & Caution

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: GRAPEFRUIT ESSENTIAL OIL (WHITE) - 11066

Peak	RT (min)	Compound name	%
31	42,07	alpha-TERPINEOL	0,02
32	42,66	GERMACRENE D	0,02
33	44,09	CARVONE	0,05
34	44,19	GERANIAL	0,08
35	45,45	delta-CADINENE	0,04
36	45,60	GERANYL ACETATE	0,04
37	47,07	PERILLALDEHYDE	0,01
38	49,90	Trans-CARVEOL	0,03
39	51,56	Cis-CARVEOL	0,02
40	61,92	CAPRYLIC ACID	0,02
41	63,06	ELEMOL	0,01
42	69,36	GERANYLGERANIADIENE	0,01
43	83,32	NOOTKATONE	0,09
		TOTAL	100,00

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