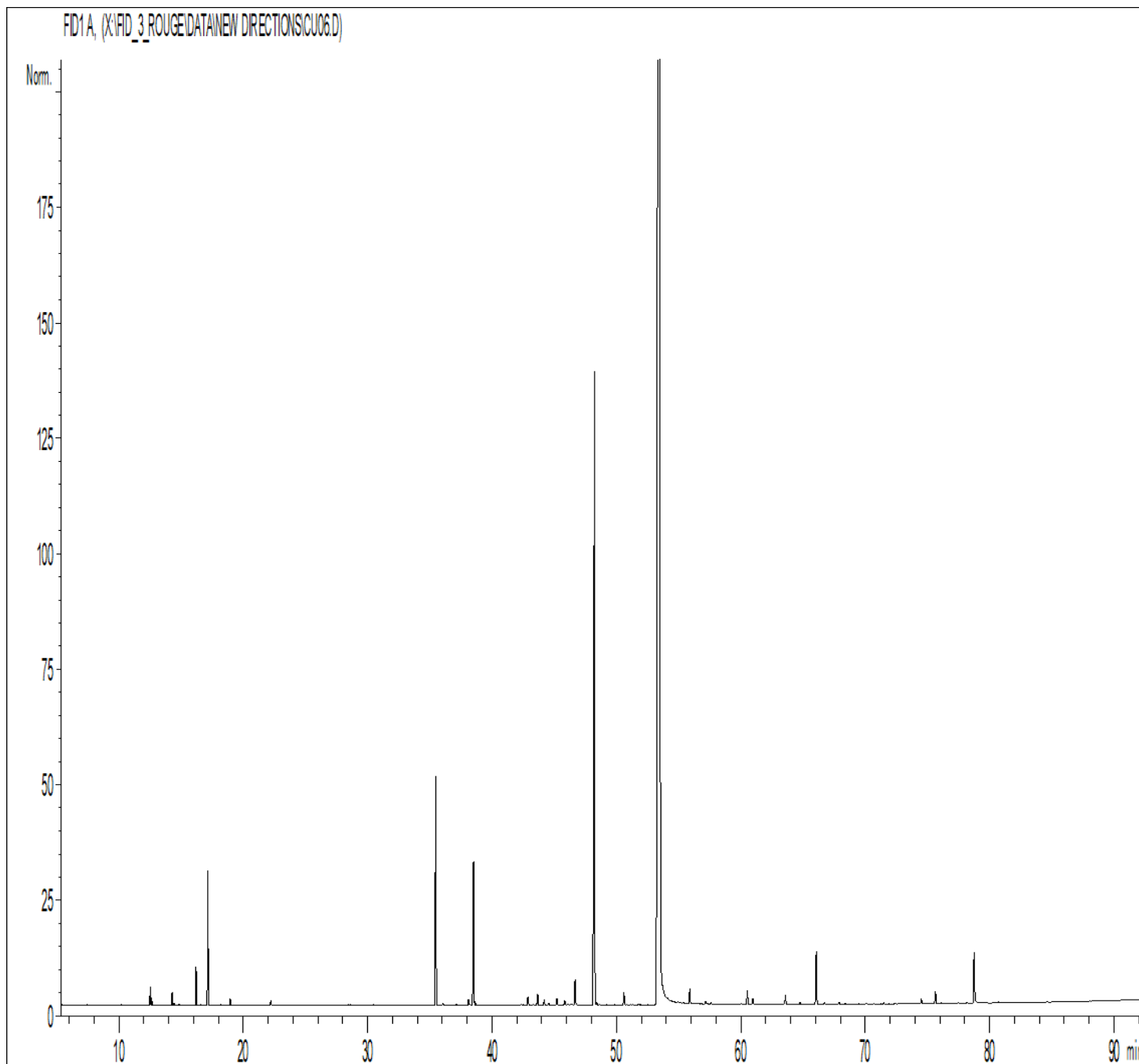


GCMS ANALYSIS

PRODUCT NAME: PALMAROSA ESSENTIAL OIL – 11107

DATE: October 7, 2020



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: PALMAROSA ESSENTIAL OIL – 11107

Peak	RT (min)	Compound name	%
1	7,45	alpha-PINENE	0,01
2	10,21	beta-PINENE	0,01
3	10,68	SABINENE	0,01
4	12,52	beta-MYRCENE	0,15
5	12,64	alpha-PHELLANDRENE	0,07
6	14,28	LIMONENE	0,11
7	14,43	1,8-CINEOLE	0,02
8	14,66	ALIPHATIC ALCOHOL	0,01
9	14,85	ARBUSCULONE ISOMER	0,02
10	16,20	cis-beta-OCIMENE	0,35
11	16,60	COMPOUND MW=152	0,01
12	16,81	gamma-TERPINENE	0,01
13	17,16	trans-beta-OCIMENE	1,24
14	18,22	p-CYMENE	0,02
15	18,96	TERPINOLENE	0,07
16	22,21	5-HEPTEN-2-ONE,6-METHYL-	0,05
17	27,43	LINALOOL Cis-OXIDE	0,01
18	28,43	ALIPHATIC ESTER	0,01
19	28,62	LINALOOL Trans-OXIDE	0,02
20	35,46	LINALOOL	2,54
21	36,05	1-OCTANOL	0,03
22	37,12	SESQUITERPENE	0,02
23	38,10	beta-ELEMENE	0,09
24	38,50	beta-CARYOPHYLLENE	1,77
25	42,88	alpha-HUMULENE	0,11
26	43,65	NERAL	0,13
27	44,18	gamma-SELINENE	0,06
28	44,54	alpha-TERPINEOL	0,03
29	45,20	GERANYL FORMIATE	0,08
30	45,83	beta-SELINENE	0,06

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GCMS ANALYSIS (cont'd,)

PRODUCT NAME: PALMAROSA ESSENTIAL OIL – 11107

Peak	RT (min)	Compound name	%
31	46,67	GERANIAL	0,30
32	48,22	GERANYL ACETATE	8,17
33	48,42	delta-CADINENE	0,04
34	50,59	NEROL	0,15
35	53,48	GERANIOL	81,94
36	55,89	GERANYL BUTYRATE	0,17
37	57,16	GERANYL METHYLBUTYRATE	0,03
38	60,02	ISOCARYOPHYLLENE OXIDE	0,02
39	60,52	CARYOPHYLLENE OXIDE	0,18
40	60,95	SESQUITERPENOL	0,08
41	63,58	NEROLIDOL	0,11
42	64,75	CAPRYLIC ACID	0,03
43	66,05	GERANYL CAPROATE	0,65
44	66,72	2,3-EPOXYGERANYL ACETATE	0,02
45	67,88	PENTADECANONE-TRIMETHYL	0,03
46	71,47	SESQUITERPENOL	0,02
47	74,50	FARNESYL ACETATE	0,06
48	75,64	GERANYL CAPRYLATE	0,15
49	78,75	FARNESOL	0,73
		TOTAL	100,00

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