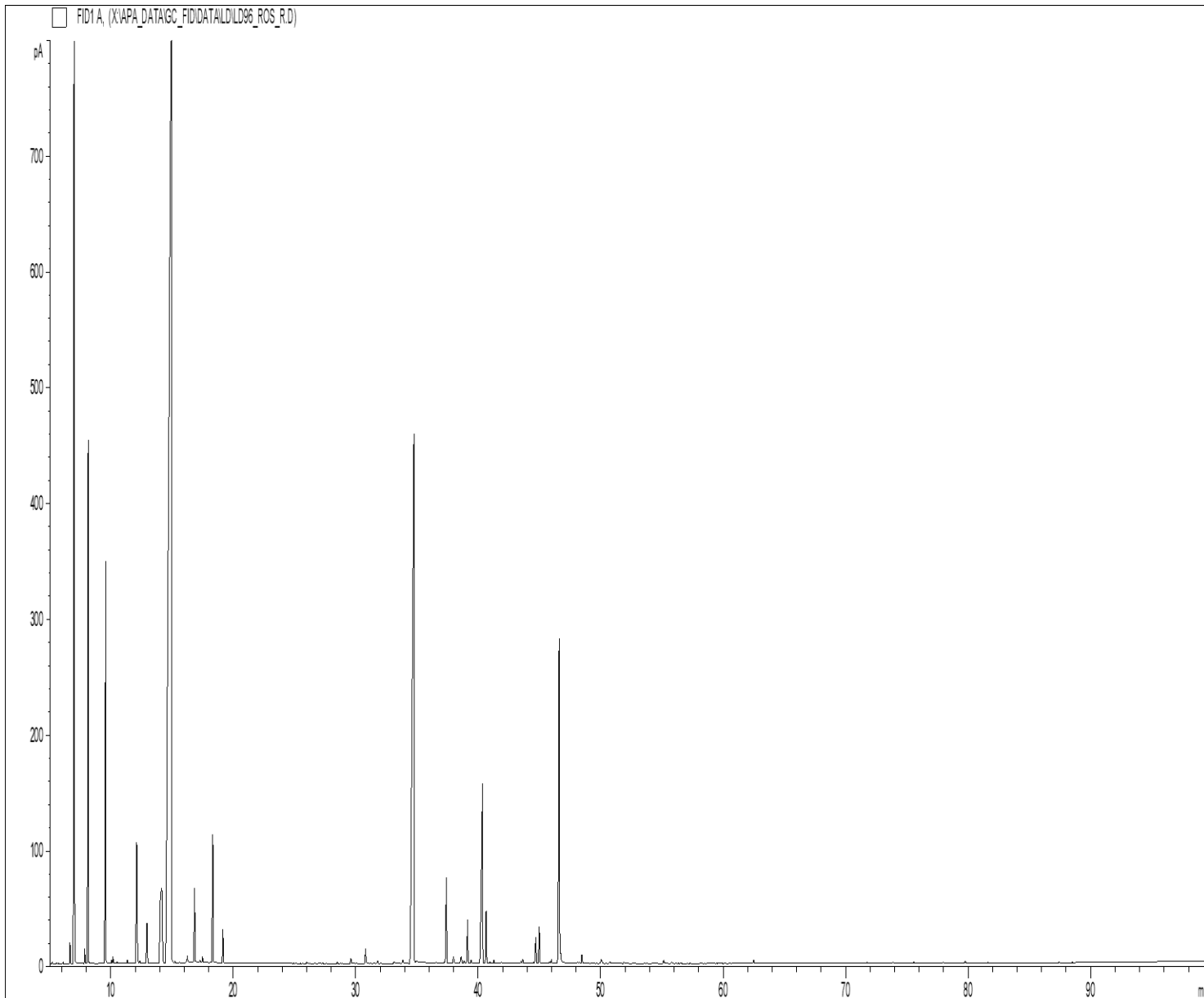


GCMS ANALYSIS

PRODUCT NAME: ROSEMARY ORGANIC ESSENTIAL OIL – ct Cineole (MORROCO) - 50021

DATE: February 29, 2024



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: ROSEMARY ORGANIC ESSENTIAL OIL – ct Cineole (MORROCO) – 50021

Peak	RT (min)	Compound name	%
1	6,11	BORNYLENE	0,01
2	6,67	TRICYCLENE	0,15
3	7,05	alpha-PINENE	15,24
4	7,07	alpha-THUYENE	0,14
5	7,87	alpha-FENCHENE	0,11
6	8,16	CAMPHENE	4,25
7	9,59	beta-PINENE	4,02
8	10,08	SABINENE	0,03
9	10,20	PINADIENE	0,06
10	11,38	delta3-CARENE	0,04
11	12,13	beta-MYRCENE	1,35
12	12,18	alpha-PHELLANDRENE	0,23
13	12,38	psi-LIMONENE	0,03
14	12,97	alpha-TERPINENE	0,58
15	14,18	LIMONENE	2,56
16	14,99	1,8-CINEOLE	41,77
17	15,08	1,3,8-p-MENTHATRIENE	0,02
18	15,24	COMPOUND Mw=152	0,02
19	16,27	cis-beta-OCIMENE	0,05
20	16,86	gamma-TERPINENE	0,75
21	17,30	trans-beta-OCIMENE	0,02
22	17,51	3-OCTANONE	0,06
23	18,34	p-CYMENE	1,36
24	19,17	TERPINOLENE	0,34
25	24,04	TERPENIC COMPOUND	0,01
26	26,02	3-HEXEN-1-OL	0,02
27	26,67	FENCHONE	0,01
28	28,50	alpha-THUYONE	0,02
29	29,61	alpha,p-DIMETHYLSTYRENE	0,07
30	29,82	LINALOOL cis-OXIDE	0,01

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: ROSEMARY ORGANIC ESSENTIAL OIL – ct Cineole (MORROCO) – 50021

Peak	RT (min)	Compound name	%
31	30,81	1-OCTEN-3-OL	0,18
32	31,79	trans-THUYANOL	0,04
33	33,15	YLANGENE	0,04
34	33,85	alpha-COPAENE	0,06
35	34,76	CAMPHOR	14,25
36	36,57	ISOPINOCAMPHONE	0,02
37	37,40	LINALOOL	0,97
38	37,98	SESQUITERPENE	0,10
39	38,60	BORNYL FORMATE	0,11
40	38,85	SESQUITERPENE	0,03
41	39,13	BORNYL ACETATE	0,50
42	39,43	FENCHOL	0,06
43	39,79	SESQUITERPENE	0,01
44	40,35	beta-CARYOPHYLLENE	3,50
45	40,65	TERPINENE-4-OL	0,60
46	40,96	AROMADENDRENE	0,02
47	41,28	SESQUITERPENE	0,04
48	41,88	HOTRIENOL	0,01
49	43,50	SESQUITERPENE	0,02
50	43,63	trans-PINOCARVEOL	0,06
51	44,50	ISOBORNEOL	0,02
52	44,70	alpha-HUMULENE	0,32
53	44,98	delta-TERPINEOL	0,43
54	45,24	E-beta-FARNESENE	0,01
55	45,84	LAVANDULAL	0,02
56	45,98	gamma-MUUROLENE	0,05
57	46,61	alpha-TERPINEOL	2,04
58	46,70	BORNEOL	2,52
59	46,72	VERBENONE	0,09
60	47,73	SESQUITERPENE	0,01

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GCMS ANALYSIS (cont'd,)

PRODUCT NAME: ROSEMARY ORGANIC ESSENTIAL OIL – ct Cineole (MORROCO) – 50021

Peak	RT (min)	Compound name	%
61	48,11	alpha-SELINENE	0,02
62	48,23	alpha-MUUROLENE	0,02
63	48,46	beta-BISABOLENE	0,11
64	50,04	delta-CADINENE	0,07
65	50,75	CITRONELLOL	0,03
66	50,95	beta-SESQUIPELLANDRENE	0,01
67	51,07	alpha-CURCUMENE	0,01
68	51,90	MYRTENOL	0,02
69	52,11	SESQUITERPENE	0,01
70	55,14	p-CYMENE-8-OL	0,04
71	55,80	E-GERANYL ACETONE	0,02
72	58,81	alpha-CALACORENE	0,01
73	62,48	CARYOPHYLLENE OXIDE	0,05
74	71,76	ISOTHYMOL	0,01
75	73,88	CARVACROL	0,02
76	75,55	COMPOUND Mw=234	0,02
77	79,76	SESQUITERPENIC OXIDE	0,02
		TOTAL	99,97

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