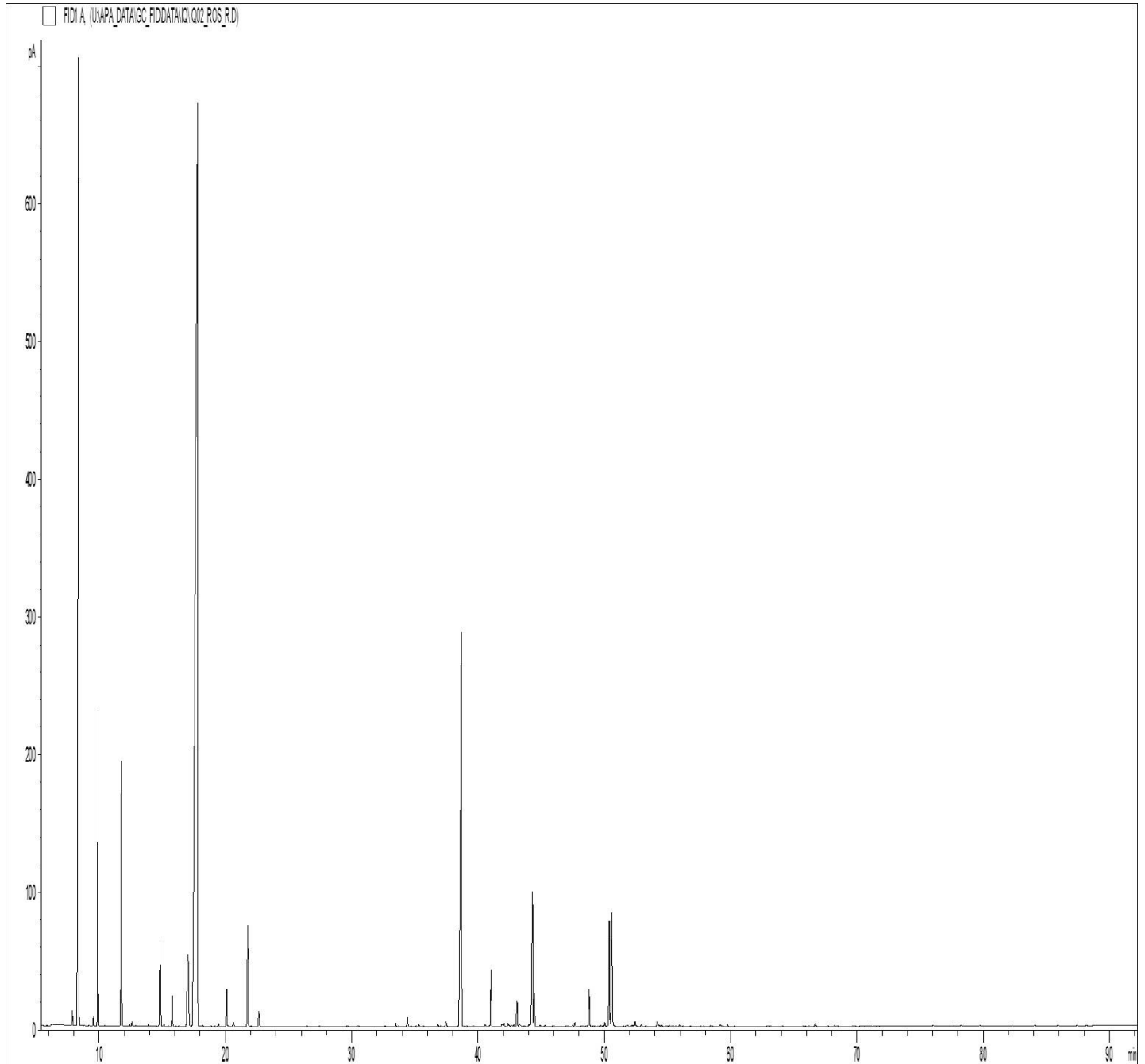


**GCMS ANALYSIS**

**PRODUCT NAME: ROSEMARY ESSENTIAL OIL – CT CINEOLE (MOROCCO) – 11288**

**DATE: January 3, 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 ESSENTIAL OIL – CT CINEOLE (MOROCCO) – 11288

Peak	RT (min)	Compound name	%
1	7,89	TRICYCLENE	0,16
2	8,37	<b>alpha-PINENE</b>	<b>14,49</b>
3	8,42	alpha-THUYENE	0,12
4	9,54	alpha-FENCHENE	0,11
5	9,91	<b>CAMPHENE</b>	<b>4,36</b>
6	11,77	<b>beta-PINENE</b>	<b>4,08</b>
7	12,39	SABINENE	0,03
8	12,58	PINADIENE	0,06
9	12,89	TERPENE ISOMER	0,01
10	13,92	delta3-CARENE	0,02
11	14,81	<b>beta-MYRCENE</b>	<b>1,39</b>
12	14,86	alpha-PHELLANDRENE	0,17
13	15,11	psi-LIMONENE	0,03
14	15,77	alpha-TERPINENE	0,54
15	17,03	<b>LIMONENE</b>	<b>2,45</b>
16	17,79	<b>1,8-CINEOLE</b>	<b>45,32</b>
17	18,17	1,3,8-p-MENTHATRIENE	0,02
18	19,44	cis-beta-OCIMENE	0,05
19	20,10	gamma-TERPINENE	0,59
20	20,58	trans-beta-OCIMENE	0,02
21	20,66	3-OCTANONE	0,06
22	21,78	<b>p-CYMENE</b>	<b>1,69</b>
23	22,65	TERPINOLENE	0,25
24	29,64	3-HEXEN-1-OL	0,01
25	30,47	FENCHONE	0,02
26	33,48	alpha,p-DIMETHYLSTYRENE	0,06
27	33,69	LINALOOL cis-OXIDE	0,01
28	34,41	1-OCTEN-3-OL	0,18
29	35,10	alpha-CUBEBENE	0,01
30	35,33	trans-THUYANOL	0,03

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GCMS ANALYSIS (cont'd,)

PRODUCT NAME: ROSEMARY ESSENTIAL OIL – CT CINEOLE (MOROCCO) – 11288

Peak	RT (min)	Compound name	%
31	35,68	LINALOOL trans-OXIDE	0,01
32	36,82	YLANGENE	0,05
33	37,04	alpha-CAMPHOLENAL	0,02
34	37,47	alpha-COPAENE	0,10
35	38,69	<b>CAMPHOR</b>	<b>11,82</b>
36	40,56	ISOPINOCAMPHONE	0,03
37	40,87	cis-THUYANOL	0,01
38	41,03	<b>LINALOOL</b>	<b>0,97</b>
39	41,91	PINOCARVONE	0,05
40	42,06	NEOISOPULEGOL	0,06
41	42,40	ISOPULEGOL	0,07
42	42,65	BORNYL FORMATE	0,03
43	42,82	ISOCARYOPHYLLENE	0,03
44	43,09	<b>BORNYL ACETATE</b>	<b>0,46</b>
45	43,30	FENCHOL	0,06
46	43,65	alpha-trans-BERGAMOTENE	0,01
47	44,05	beta-CUBEBENE	0,04
48	44,32	<b>beta-CARYOPHYLLENE</b>	<b>3,05</b>
49	44,46	TERPINENE-4-OL	0,59
50	44,91	AROMADENDRENE	0,03
51	45,03	TERPENIC COMPOUND	0,01
52	45,31	HOTRIENOL	0,02
53	45,94	MYRTENAL	0,03
54	47,09	GERMACRENE A	0,01
55	47,50	ALLO-AROMADENDRENE	0,02
56	47,68	trans-PINOCARVEOL	0,07
57	48,55	ISOBORNEOL	0,02
58	48,80	alpha-HUMULENE	0,35
59	48,81	delta-TERPINEOL	0,35
60	49,74	LAVANDULAL	0,02

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: ROSEMARY ESSENTIAL OIL – CT CINEOLE (MOROCCO) – 11288

Peak	RT (min)	Compound name	%
61	50,05	gamma-MUUROLENE	0,08
62	50,41	<b>alpha-TERPINEOL</b>	<b>1,90</b>
63	50,61	<b>BORNEOL</b>	<b>2,42</b>
64	50,64	<b>VERBENONE</b>	<b>0,06</b>
65	51,70	MUUROLENE ISOMER	0,01
66	51,83	beta-SELINENE	0,03
67	52,16	alpha-SELINENE	0,03
68	52,26	alpha-MUUROLENE	0,02
69	52,44	beta-BISABOLENE	0,10
70	52,94	SESQUITERPENE	0,04
71	54,20	delta-CADINENE	0,09
72	54,24	gamma-CADINENE	0,05
73	54,39	1-DECANOL	0,01
74	54,56	CITRONELLOL	0,02
75	54,97	beta-SESQUIPELLANDRENE	0,02
76	55,17	alpha-CURCUMENE	0,02
77	55,98	MYRTENOL	0,04
78	58,44	cis-CALAMENENE	0,02
79	58,54	trans-CALAMENENE	0,01
80	59,20	p-CYMENE-8-OL	0,04
81	59,75	E-GERANYL ACETONE	0,03
82	63,15	alpha-CALACORENE	0,01
83	66,71	CARYOPHYLLENE OXIDE	0,06
84	68,20	METHYLEUGENOL	0,01
85	69,69	EPOXY-6,7-HUMULENE	0,01
86	75,89	EUGENOL	0,01
87	76,03	ISOTHYMOL	0,02
88	77,68	ISOCARVACROL	0,01
89	78,24	CARVACROL	0,02
90	79,72	COMPOUND Mw=234	0,02

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GCMS ANALYSIS (cont'd,)

PRODUCT NAME: ROSEMARY ESSENTIAL OIL – CT CINEOLE (MOROCCO) – 11288

Peak	RT (min)	Compound name	%
91	82,28	CARYOPHYLLA-2,6-DIEN-5-alpha-OL	0,01
92	84,08	METHYL JASMONATE	0,03
93	85,90	SESQUITERPENIC OXIDE	0,01
		<b>TOTAL</b>	<b>99,95</b>

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