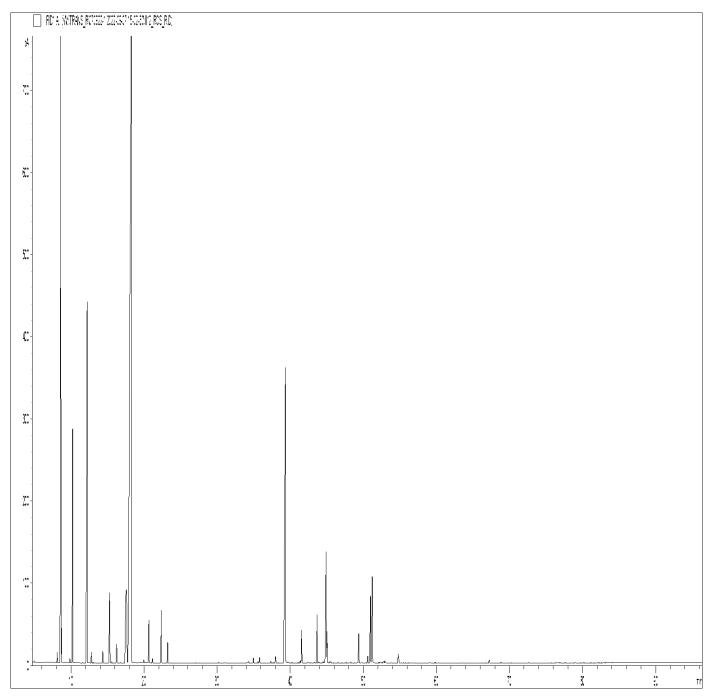


# **GCMS ANALYSIS**

PRODUCT NAME: ROSEMARY ORGANIC ESSENTIAL OIL CT CINEOLE (TUNISIA) - 50074

DATE: December 21, 2022



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,





### PRODUCT NAME: ROSEMARY ORGANIC ESSENTIAL OIL CT CINEOLE (TUNISIA) - 50074

Peak	RT (min)	Compound name	%
1	4,97	ACETONE	0,02
2	8,12	TRICYCLENE	0,15
3	8,63	α-PINENE	13,23
4	8,68	α-THUYENE	0,38
5	9,86	α-FENCHENE	0,07
6	10,25	CAMPHENE	4,10
7	12,22	β-PINENE	9,03
8	12,80	SABINENE	0,18
9	13,01	PINADIENE	0,02
10	13,33	TERPENE ISOMER	0,01
11	14,36	δ3-CARENE	0,22
12	15,29	β-MYRCENE	1,56
13		α-PHELLANDRENE	
14	15,58	psi-LIMONENE	0,03
15	16,25	α-TERPINENE	0,45
16	16,77	1,8-CINEOLE, 2,3-DEHYDRO-	0,01
17	17,59	LIMONENE	4,49
18	18,26	1,8-CINEOLE	40,38
19	18,28	β-PHELLANDRENE	0,35
20	19,97	cis-β-OCIMENE	0,06
21	20,66	γ-TERPINENE	0,80
22	21,14	trans-β-OCIMENE	0,06
23	21,20	3-OCTANONE	0,04
24	22,36	p-CYMENE	1,01
25	23,24	TERPINOLENE	0,39
26	23,64	OCTANAL	0,01
27	27,04	5-HEPTEN-2-ONE, 6-METHYL-	0,01
28	30,22	3-HEXEN-1-OL	0,02
29	31,09	FENCHONE	0,02
30	34,13	α,p-DIMETHYLSTYRENE	0,03

#### **Disclaimer & Caution**



### PRODUCT NAME: ROSEMARY ORGANIC ESSENTIAL OIL CT CINEOLE (TUNISIA) - 50074

Peak	RT (min)	Compound name	%
31	34,31	LINALOOL cis-OXIDE	0,05
32	34,96	1-OCTEN-3-OL	0,11
33	35,60	α-CUBEBENE	0,04
34	35,82	trans-THUYANOL	0,12
35	37,34	YLANGENE	0,05
36	37,66	α-CAMPHOLENAL	0,01
37	38,00	α-COPAENE	0,19
38	39,35	CAMPHOR	11,02
39	39,65	ISOPINOCAMPHONE	0,05
40	40,31	β-BOURBONENE	0,01
41	41,01	β1-CUBEBENE	0,01
42	41,38	cis-THUYANOL	0,05
43	41,57	LINALOOL	0,66
44	42,40	PINOCARVONE	0,02
45	42,70	trans-p-MENTH-2-EN-1-OL	0,02
46	42,93	BORNYL FORMATE	0,01
47	43,34	epsilon-CADINENE	0,05
48	43,69	BORNYL ACETATE	1,11
49	43,90	FENCHOL	0,04
50	44,49	α-trans-BERGAMOTENE	0,04
51	44,65	β-CUBEBENE	0,02
52	44,92	β-CARYOPHYLLENE	3,24
53	45,04	TERPINENE-4-OL	0,63
54	45,22	TERPENIC COMPOUND	0,01
55	45,45	AROMADENDRENE	0,05
56	45,60	AROMATIC COMPOUND	0,02
57	45,88	SESQUITERPENE	0,01
58	46,58	MYRTENAL	0,02
59	47,04	cis-p-MENTH-2-EN-1-OL	0,01
60	47,53	CADINA-3,5-DIENE	0,02

#### Disclaimer & Caution



PRODUCT NAME: ROSEMARY ORGANIC ESSENTIAL OIL CT CINEOLE (TUNISIA) - 50074

Peak	RT (min)	Compound name	%
61	47,71	GERMACRENE A	0,01
62	48,05	ALLO-AROMADENDRENE	0,01
63	48,31	trans-PINOCARVEOL	0,04
64	48,85	ZONARENE	0,01
65	49,18	ISOBORNEOL	0,01
66	49,38	α-HUMULENE	0,38
67	49,45	δ-TERPINEOL	0,30
68	49,83	γ-SELINENE	0,01
69	50,35	LAVANDULAL	0,01
70	50,62	γ-MUUROLENE	0,16
71	50,98	α-TERPINEOL	1,40
72	51,23	BORNEOL	2,09
73	-	VERBENONE	Nd
74	52,08	SESQUITERPENE	0,01
75	52,28	MUUROLENE ISOMER	0,02
76	52,39	SESQUITERPENE	0,03
77	52,54	SESQUITERPENE	0,01
78	52,77	α-SELINENE	0,03
79	52,81	α-MUUROLENE	0,04
80	52,98	β-BISABOLENE	0,05
81	53,10	GERANIAL	0,01
82	53,84	trans-PIPERITOL	0,01
83	54,79	δ-CADINENE	0,17
84	54,82	γ-CADINENE	0,10
85	55,08	CITRONELLOL	0,01
86	55,50	β-SESQUIPHELLANDRENE	0,01
87	55,74	α-CURCUMENE	0,01
88	56,21	CADINA-1,4-DIENE	0,01
89	56,61	MYRTENOL	0,02
90	56,80	α-AMORPHENE	0,01

#### **Disclaimer & Caution**



### PRODUCT NAME: ROSEMARY ORGANIC ESSENTIAL OIL CT CINEOLE (TUNISIA) - 50074

Peak	RT (min)	Compound name	%
91	59,03	cis-CALAMENENE	0,01
92	59,13	trans-CALAMENENE	0,02
93	59,86	p-CYMENE-8-OL	0,02
94	60,27	E-GERANYL ACETONE	0,01
95	63,77	α-CALACORENE	0,01
96	67,24	CARYOPHYLLENE OXIDE	0,07
97	68,86	METHYLEUGENOL	0,02
98	70,23	EPOXY-6,7-HUMULENE	0,01
99	76,64	EUGENOL	0,02
100	79,00	CARVACROL	0,02
101	84,63	METHYL JASMONATE	0,01
		TOTAL	100,00

Nd: Not detected (< 33 ppm)

#### **Disclaimer & Caution**