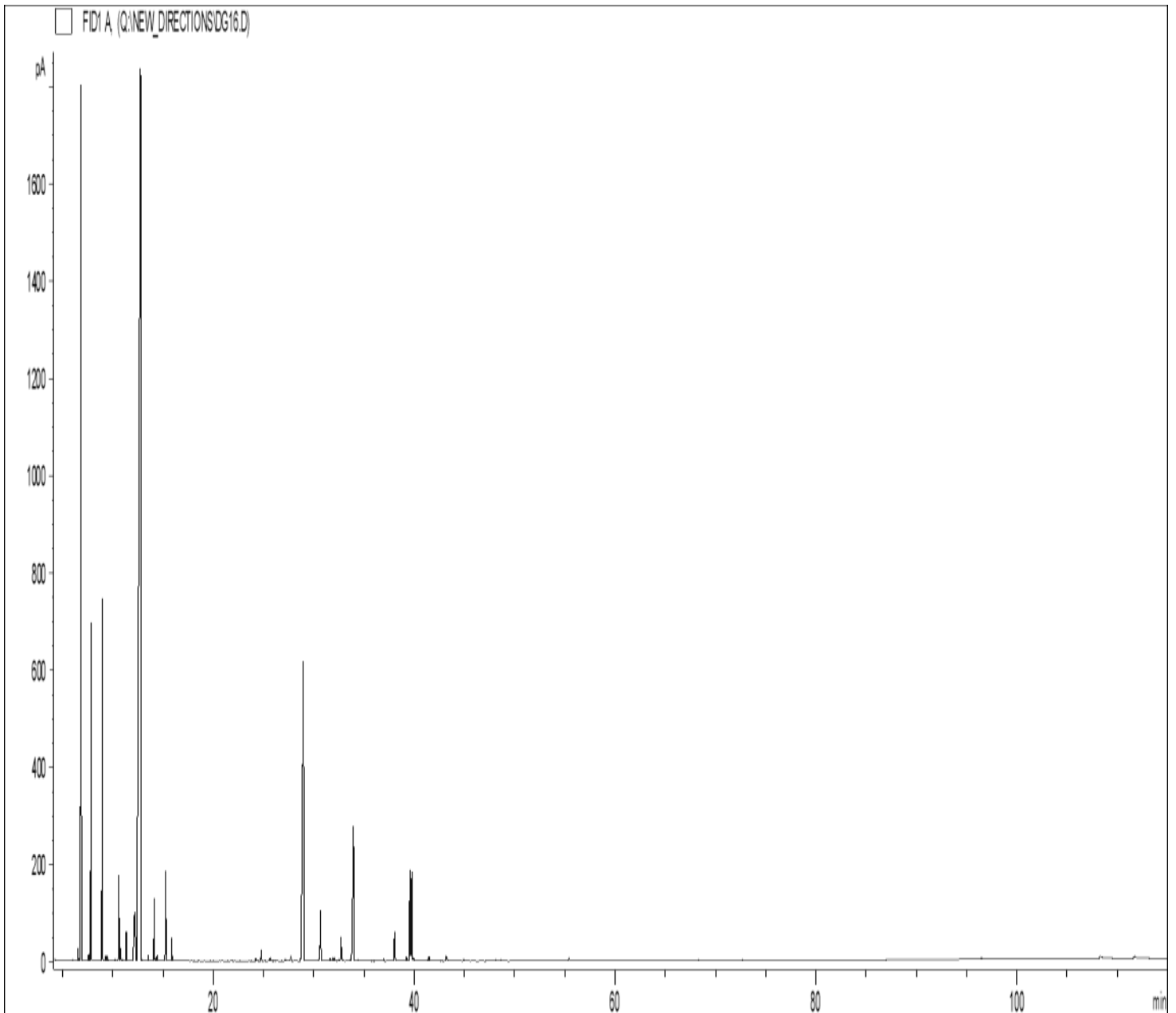


GCMS ANALYSIS

PRODUCT NAME: ROSEMARY ESSENTIAL OIL - CT CINEOLE (MOROCCO) -VERIFIED BY
ECOCERT / COSMOS APPROVED - 11288
DATE: April 20, 2021



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) -VERIFIED BY ECOCERT / COSMOS APPROVED – 11288

Peak	RT (min)	Compound name	%
1	4,28	ACETONE	0,01
2	6,51	TRICYCLENE	0,17
3	6,83	alpha-PINENE	13,40
4	6,84	alpha-THUYENE	0,37
5	7,58	alpha-FENCHENE	0,09
6	7,82	CAMPHENE	4,46
7	8,96	beta-PINENE	5,58
8	9,26	SABINENE	0,06
9	9,39	PINADIENE	0,07
10	10,19	delta3-CARENE	0,03
11	10,59	beta-MYRCENE	1,48
12	10,77	alpha-PHELLANDRENE	0,20
13	10,92	psi-LIMONENE	0,03
14	11,33	alpha-TERPINENE	0,63
15	12,18	LIMONENE	2,39
16	12,74	1,8-CINEOLE	44,97
17	13,49	cis-beta-OCIMENE	0,07
18	14,10	gamma-TERPINENE	0,89
19	14,27	trans-beta-OCIMENE	0,03
20	14,39	3-OCTANONE	0,07
21	15,26	p-CYMENE	1,37
22	15,86	TERPINOLENE	0,34
23	20,88	3-HEXEN-1-OL	0,02
24	24,21	alpha-p-DIMETHYLSTYRENE	0,05
25	24,76	1-OCTEN-3-OL	0,20
26	25,65	trans-THUYANOL	0,07
27	27,14	YLANGENE	0,04
28	27,32	SESQUITERPENE	0,02
29	27,72	alpha-COPAENE	0,11
30	28,97	CAMPHOR	11,52

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GCMS ANALYSIS (cont'd.)

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Peak	RT (min)	Compound name	%
31	29,16	alpha-PINOCAMPHONE	0,02
32	30,50	beta-PINOCAMPHONE	0,03
33	30,67	LINALOOL	0,96
34	31,62	NEOISOPULEGOL	0,05
35	31,87	trans-p-MENTH-2-EN-1-OL	0,06
36	32,04	BORNYL FORMIATE	0,06
37	32,49	ISOPULEGOL	0,04
38	32,71	BORNYL ACETATE	0,49
39	32,82	FENCHOL	0,04
40	33,59	alpha-trans-BERGAMOTENE	0,03
41	33,94	beta-CARYOPHYLLENE	3,33
42	33,95	TERPINENE-4-OL	0,54
43	34,42	AROMADENDRENE	0,04
44	34,79	AROMATIC COMPOUND	0,02
45	35,41	cis-p-MENTH-2-EN-1-OL	0,02
46	36,82	SESQUITERPENE	0,02
47	36,96	trans-PINOCARVEOL	0,05
48	37,55	SESQUITERPENE	0,01
49	38,04	alpha-HUMULENE	0,37
50	38,05	delta-TERPINEOL	0,35
51	38,92	trans-VERBENOL	0,02
52	39,21	gamma-MUUROLENE	0,08
53	39,58	alpha-TERPINEOL	1,84
54	39,76	BORNEOL	2,06
55	39,92	VERBENONE	0,08
56	40,79	MUUROLENE ISOMER	0,02
57	40,96	SESQUITERPENE	0,02
58	41,29	alpha-MUUROLENE	0,05
59	41,46	beta-BISABOLENE	0,08
60	42,28	trans-PIPERITOL	0,01

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GCMS ANALYSIS (cont'd.)

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Peak	RT (min)	Compound name	%
61	43,18	delta-CADINENE	0,11
62	43,26	gamma-CADINENE	0,05
63	43,50	CITRONELLOL	0,02
64	43,90	beta-SESQUIPELLANDRENE	0,01
65	44,92	MYRTENOL	0,03
66	47,38	CALAMENENE	0,03
67	48,11	p-CYMENE-8-OL	0,04
68	48,60	alpha-CALACORENE	0,02
69	55,41	CARYOPHYLLENE EPOXIDE	0,06
70	57,00	METHYLEUGENOL	0,01
71	64,79	ISOCARVACROL	0,02
72	68,32	COMPOUND Mw=234	0,02
73	72,67	SESQUITERPENIC EPOXIDE	0,02
74	96,49	PALMITIC ACID	0,04
		TOTAL	99,99

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