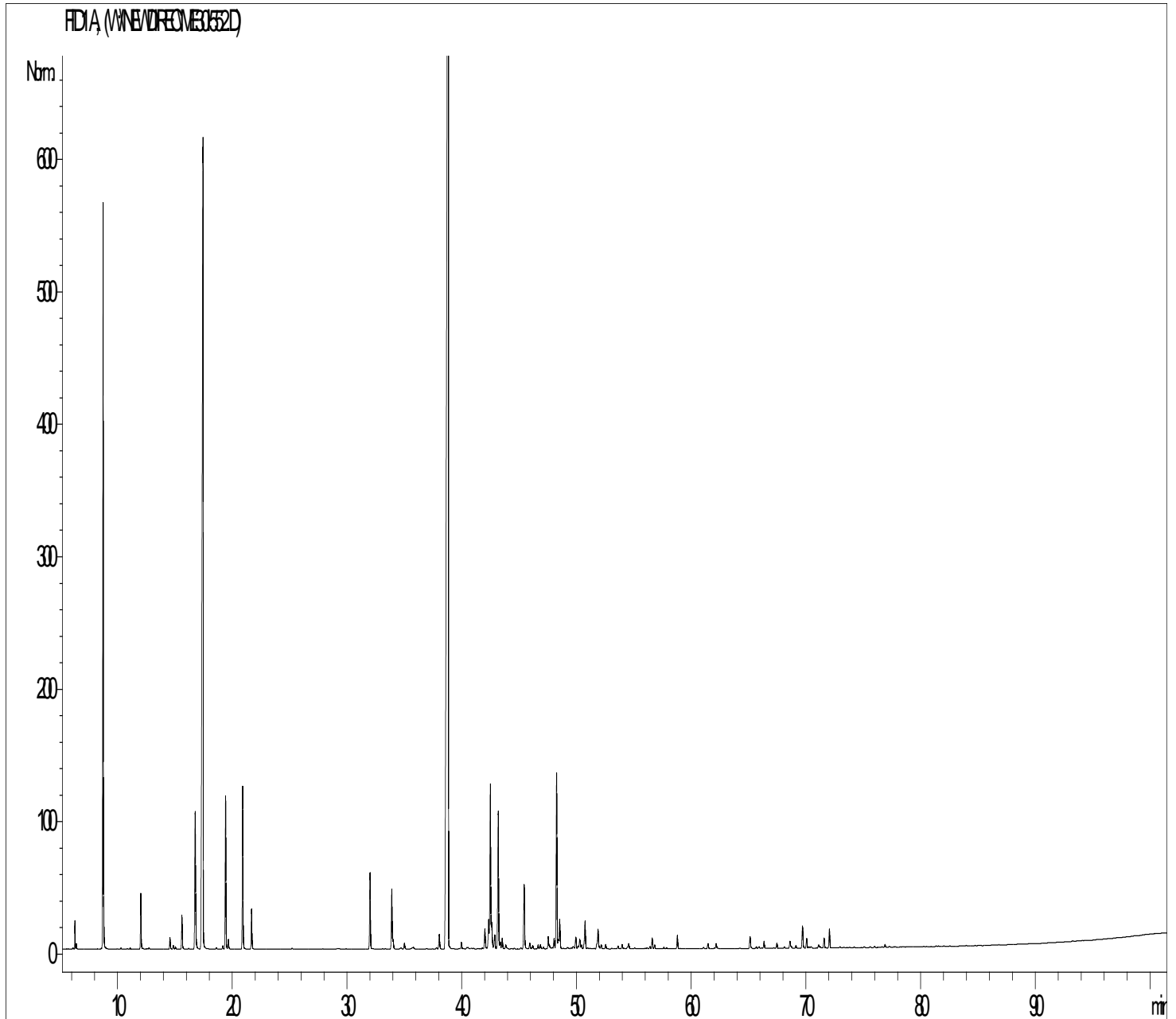




GCMS ANALYSIS

PRODUCT NAME: ROSALINA ESSENTIAL OIL - 11123

DATE: October 31, 2016



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: ROSALINA ESSENTIAL OIL - 11123

Peak	RT (min)	Compound name	%
1	4,6	OCTANE	0,01
2	4,6	ALIPHATIC ESTER	0,01
3	4,7	PROPANAL-2-METHYL	0,04
4	4,8	ACETONE	0,01
5	6,0	BUTANAL-2-METHYL	0,01
6	6,1	ISOVALERALDEHYDE	0,01
7	6,3	ETHANOL	0,21
8	6,4	BUTANONE METHYL	0,05
9	8,6	2-PENTANONE-3-METHYL	0,01
10	8,7	α-PINENE	8,28
11	8,8	α -THUYENE	0,05
12	9,9	α -FENCHENE	0,01
13	10,3	CAMPHENE	0,01
14	11,1	ISOBUTYL ISOBUTYRATE	0,02
15	12,0	β -PINENE	0,72
16	12,2	SABINENE	0,02
17	12,5	PINADIENE	0,01
18	12,7	ISOAMYL ACETATE	0,02
19	14,5	β -MYRCENE	0,16
20	14,8	α -PHELLANDRENE	0,06
21	15,0	Ψ -LIMONENE	0,03
22	15,6	α -TERPINENE	0,48
23	16,2	2,3-DEHYDRO-1,8-CINEOLE	0,01
24	16,7	LIMONENE	2,47
25	17,4	1,8-CINEOLE	17,42
26	17,6	Cis-ARBUSCULON	0,03
27	18,6	Cis- β -OCIMENE	0,02
28	19,2	Trans-ARBUSCULON	0,05
29	19,4	γ -TERPINENE	2,14
30	19,7	Trans- β -OCIMENE	0,15
31	20,9	p-CYMENE	2,31
32	21,6	TERPINOLENE	0,59

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: ROSALINA AUSTRALIAN ESSENTIAL OIL - 11123

Peak	RT (min)	Compound	%
33	25,2	6-METHYL-5-HEPTEN-2-ONE	0,02
34	29,2	NONANAL	0,06
35	32,0	α -p-DIMETHYLSTYRENE + LINALOOL Cis-OXIDE	1,19
36	33,8	LINALOOL Trans-OXIDE	0,94
37	34,0	NERYL EPOXIDE	0,15
38	34,6	ALIPHATIC ESTER	0,04
39	35,0	SESQUITERPENE	0,11
40	35,6	SESQUITERPENE	0,03
41	35,7	α -COPAENE	0,04
42	37,7	SESQUITERPENE	0,03
43	38,0	α -GURJUNENE	0,28
44	38,8	β -MAALIENE	0,05
45	38,9	LINALOOL	43,25
46	39,9	DIHYDRO- α -TERPINEOL	0,11
47	40,4	SESQUITERPENE	0,03
48	40,5	SESQUITERPENE	0,03
49	40,8	SESQUITERPENE	0,02
50	41,0	FENCHOL	0,02
51	41,8	β -ELEMENE	0,03
52	42,0	CALARENE	0,38
53	42,3	TERPINENE-4-OL	2,69
54	42,4	β -CARYOPHYLLENE	0,52
55	42,5	α -PANASINSEN	0,48
56	42,9	SESQUITERPENE	0,28
57	43,1	AROMADENDRENE	2,48
58	43,3	COPACAMPHENE	0,14
59	43,5	HOTRIENOL	0,20
60	43,8	SESQUITERPENE	0,08
61	43,9	SESQUITERPENE	0,02
62	45,1	SESQUITERPENE	0,03
63	45,4	ALLO-AROMADENDRENE	1,22
64	45,9	SESQUITERPENE	0,11

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: ROSALINA AUSTRALIAN ESSENTIAL OIL - 11123

Peak	RT (min)	Compound	%
65	46,1	ZONARENE	0,07
66	46,6	α -HUMULENE	0,07
67	46,8	δ -TERPINEOL	0,09
68	47,1	γ -SELINENE	0,04
69	47,5	NERAL	0,07
70	47,6	SESQUITERPENE	0,21
71	48,0	SESQUITERPENE	0,19
72	48,3	α -TERPINEOL	2,75
73	48,4	BORNEOL	0,14
74	48,5	LEDENE	0,58
75	49,1	SESQUITERPENE	0,03
76	49,3	SESQUITERPENE	0,02
77	49,5	SESQUITERPENE	0,02
78	49,6	GERMACRENE D	0,06
79	49,9	β -SELINENE	0,22
80	50,1	SESQUITERPENE	0,06
81	50,3	α -SELINENE	0,19
82	50,4	α -MUUROLENE	0,07
83	50,7	BICYCLOGERMACRENE	0,57
84	50,9	PYRANIC LINALOOL Cis-OXIDE	0,02
85	51,7	δ -CADINENE	0,39
86	51,8	γ -CADINENE	0,06
87	52,1	PYRANIC LINALOOL Trans-OXIDE	0,07
88	52,5	SESQUITERPENE Mw=202	0,08
89	53,6	CADINA-1,4-DIENE	0,05
90	53,9	SESQUITERPENE	0,08
91	54,4	SESQUITERPENE	0,03
92	54,5	NEROL	0,11
93	55,1	PHENYLETHYLIC ACETATE	0,02
94	56,1	Trans-CARVEOL	0,02
95	56,4	CALAMENENE	0,05
96	56,6	GERANIOL	0,18

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GCMS ANALYSIS (cont'd.)
PRODUCT NAME: ROSALINA AUSTRALIAN ESSENTIAL OIL - 11123

Peak	RT (min)	Compound name	%
97	56,8	p-CYMENE-8-OL	0,07
98	57,6	AROMATIC COMPONENT	0,03
99	58,8	2-PHENYLETHYL BUTYRATE	0,22
100	61,1	SESQUITERPENIC EPOXIDE	0,03
101	61,4	SESQUITERPENIC EPOXIDE	0,09
102	62,0	α -CALACORENE	0,01
103	62,2	PALUSTROL	0,11
104	64,2	3,7-OCTADIENE-2,6-DIOL-2,6-DIMETHYL	0,02
105	65,1	CARYOPHYLLENE OXIDE	0,23
106	65,6	SESQUITERPENIC EPOXIDE	0,03
107	65,9	GLEENOL	0,04
108	66,3	Epi-GLOBULOL	0,12
109	67,2	SESQUITERPENOL	0,01
110	67,5	LEDOL	0,10
111	68,1	EPOXY-6,7-HUMULENE	0,04
112	68,6	SESQUITERPENOL	0,13
113	68,6	CUBENOL	0,04
114	69,1	SESQUITERPENIC EPOXIDE	0,05
115	69,6	GLOBULOL	0,42
116	70,0	VIRIDIFLOROL	0,17
117	70,3	Cis-1,4-DIHYDRO-p-MENTH-2-ENE	0,02
118	70,4	SESQUITERPENIC EPOXIDE	0,04
119	71,1	SESQUITERPENIC EPOXIDE	0,04
120	71,2	EUDESMOL ISOMERE	0,06
121	71,5	ROSIFOLIOL	0,17
122	72,0	SPATHULENOL	0,33
123	72,9	TERPENIC ACETATE	0,02
124	73,3	Trans-1,4-DIHYDRO-p-MENTH-2-ENE	0,02
125	73,8	T-CADINOL	0,01
126	74,2	THYMOL	0,02
127	75,0	α -MUUROLOL	0,02
128	75,9	ISOSPATHULENOL	0,03

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: ROSALINA AUSTRALIAN ESSENTIAL OIL - 11123

Peak	RT (min)	Compound name	%
129	76,6	CARVACROL	0,02
130	76,8	β -NOOTKATOL	0,05
131	77,3	α -CADINOL	0,04
132	80,3	CARYOPHYLLA-3,7-DIEN-6-OL	0,01
133	81,4	SESQUITERPENOL	0,02
134	82,0	GERANIC ACID	0,01
135	93,2	ALIPHATIC ESTER	0,01
		TOTAL	99,99

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