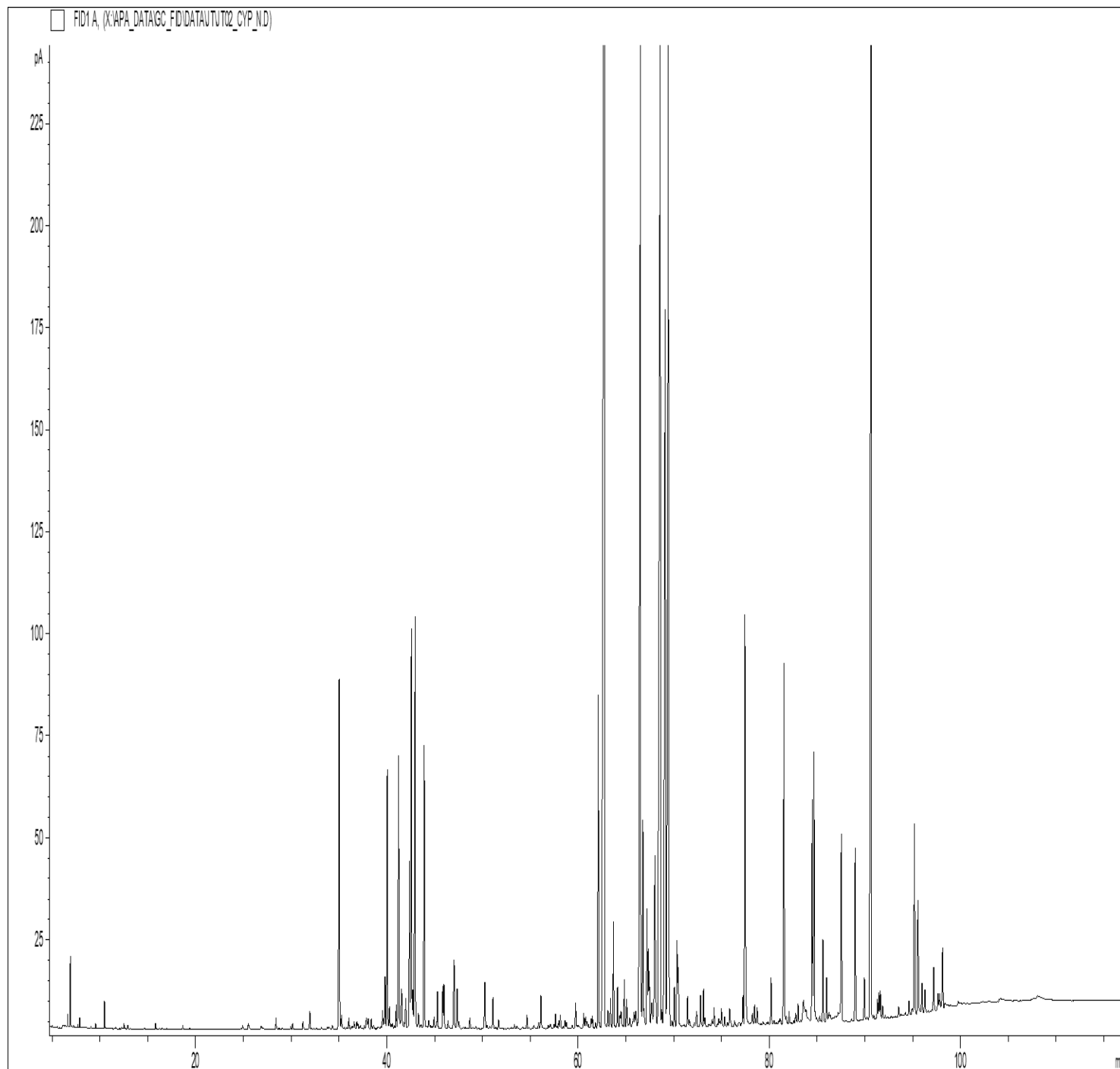


GCMS ANALYSIS

PRODUCT NAME: CYPRESS BLUE ESSENTIAL OIL (AUSTRALIA) - 11046

DATE: September 14, 2023



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: CYPRESS BLUE AUSTRALIA ESSENTIAL OIL – 11046

Peak	RT (min)	Compound	%
1	6,63	TRICYCLEN	0,03
2	6,90	alpha-PINENE	0,17
3	7,90	CAMPHE	0,03
4	10,47	delta3-CARENE	0,09
5	12,52	LIMONENE	0,02
6	15,82	p-CYMENE	0,03
7	24,91	DIMETHYLSTYRENE ISOMER	0,02
8	25,51	alpha,p-DIMETHYLSTYRENE	0,04
9	26,85	FURFURAL	0,03
10	28,41	SESQUITERPENE	0,05
11	30,14	PINOCAMPHE	0,03
12	31,21	TERPENIC COMPOUND	0,04
13	31,94	SESQUITERPENE	0,10
14	35,01	alpha-GUAIENE	2,12
15	11,2	beta-ELEMENE	0,01
16	35,26	beta-CARYOPHYLLENE	0,09
17	36,02	SESQUITERPENE	0,06
18	36,38	AROMADENDRENE	0,02
19	36,57	COPACAMPHE	0,05
20	36,85	MYRTENAL	0,04
21	36,97	SESQUITERPENE	0,03
22	37,22	COMPOUND Mw=200	0,02
23	37,65	SESQUITERPENE	0,02
24	37,86	SESQUITERPENE	0,08
25	38,05	TERPENIC COMPOUND	0,07
26	38,38	trans-PINOCARVEOL	0,06
27	38,62	SESQUITERPENE	0,03
28	39,40	SESQUITERPENE	0,02
29	39,55	alpha-HUMULENE	0,10
30	39,81	SESQUITERPENE	0,33

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CYPRESS BLUE AUSTRALIA ESSENTIAL OIL – 11046

Peak	RT (min)	Compound	%
31	40,05	gamma-SELINENE	1,39
32	40,28	4,5-di-epi-ARISTOLOCHENE	0,15
33	40,49	SESQUITERPENE	0,03
34	40,60	SESQUITERPENE	0,03
35	40,79	SESQUITERPENE	0,02
36	40,98	CALARENE ISOMER	0,12
37	41,23	VERBENONE	1,51
38	29,5	alpha-DIHYDROAGAROFURAN	0,04
39	41,54	CALARENE ISOMER	0,35
40	41,86	SESQUITERPENE	0,03
41	41,98	EREMOPHILENE	0,18
42	42,30	MENTHADIENAL ISOMER Mw=150	0,10
43	42,37	alpha-BULNESENE	0,85
44	42,57	beta-SELINENE	2,44
45	42,71	COMPOUND Mw=220	0,24
46	42,96	alpha-SELINENE	2,44
47	43,30	SESQUITERPENE	0,13
48	43,60	MENTHADIENAL ISOMER Mw=150	0,05
49	43,92	SESQUITERPENE Mw=202	1,54
50	44,22	SESQUITERPENE	0,03
51	44,39	SESQUITERPENE	0,07
52	44,55	DIHYDROAGAROFURAN ISOMER	0,02
53	44,69	COMPOUND Mw=220	0,02
54	44,94	7-epi-alpha-SELINENE	0,07
55	45,29	delta-SELINENE	0,24
56	45,85	SESQUITERPENE	0,24
57	45,98	SELINA-3,7-DIENE	0,24
58	46,40	MYRTENOL	0,08
59	47,00	COMPOUND Mw=220	0,15
60	47,03	SESQUITERPENE	0,33

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CYPRESS BLUE AUSTRALIA ESSENTIAL OIL – 11046

Peak	RT (min)	Compound	%
61	47,35	COMPOUND Mw=220	0,26
62	47,53	COMPOUND Mw=220	0,05
63	48,68	COMPOUND Mw=220	0,07
64	50,25	TERPENIC OXIDE	0,32
65	50,47	COMPOUND Mw=220	0,03
66	50,75	COMPOUND Mw=218	0,02
67	51,09	AROMATIC COMPOUND Mw=220	0,18
68	51,68	AROMATIC COMPOUND Mw=176	0,05
69	53,35	AROMATIC COMPOUND	0,03
70	54,65	COMPOUND Mw=218	0,07
71	55,38	TERPENIC COMPOUND	0,03
72	55,85	COMPOUND Mw=202	0,03
73	56,11	COMPOUND Mw=178	0,19
74	56,88	COMPOUND Mw=222	0,03
75	57,12	AROMATIC COMPOUND	0,05
76	57,48	AROMATIC COMPOUND	0,03
77	57,64	COMPOUND Mw=238	0,07
78	57,98	COMPOUND Mw=252	0,04
79	58,13	COMPOUND Mw=238	0,08
80	58,64	AROMATIC COMPOUND Mw=216	0,06
81	58,79	COMPOUND Mw=238	0,04
82	59,75	COMPOUND Mw=218	0,16
83	59,95	COMPOUND Mw=220	0,02
84	60,07	AROMATIC COMPOUND	0,03
85	60,59	AROMATIC COMPOUND	0,09
86	60,79	AROMATIC COMPOUND	0,09
87	60,95	SESQUITERPENIC COMPOUND	0,04
88	61,09	SESQUITERPENOL	0,02
89	61,36	AROMATIC COMPOUND	0,06
90	61,50	SESQUITERPENOL	0,07

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CYPRESS BLUE AUSTRALIA ESSENTIAL OIL – 11046

Peak	RT (min)	Compound	%
91	61,82	SESQUITERPENIC COMPOUND	0,04
92	62,11	ELEMOL	1,77
93	62,74	GUAJOL	13,70
94	63,12	10-epi-gamma-EUDESOL	0,11
95	63,40	SESQUITERPENOL	0,18
96	63,70	GUAJOL ISOMER	0,56
97	64,12	EUDESMA-5-EN-11-alpha-OL	0,23
98	64,36	COMPOUND Mw=220	0,08
99	64,48	COMPOUND Mw=220	0,14
100	64,84	EUDESOL ISOMER	0,25
101	65,09	EUDESOL ISOMER	0,18
102	65,41	SESQUITERPENOL	0,08
103	65,84	SESQUITERPENONE	0,16
104	66,01	EUDESOL ISOMER	0,16
105	66,52	gamma-EUDESOL	7,90
106	66,77	AGAROSPIROL	1,06
107	66,89	AROMATIC COMPOUND	0,12
108	67,21	SESQUITERPENOL	0,60
109	67,33	HINESOL	0,40
110	67,44	EUDESOL ISOMER	0,34
111	67,71	SESQUITERPENOL	0,25
112	68,03	SESQUITERPENOL	1,47
113	68,59	BULNESOL	9,57
114	68,74	SESQUITERPENIC COMPOUND	0,11
115	69,11	alpha-EUDESOL	6,03
116	69,43	beta-EUDESOL	7,02
117	69,83	SESQUITERPENIC COMPOUND	0,05
118	70,07	SESQUITERPENIC COMPOUND	0,24
119	70,35	EUDESMA-7(11)-EN-4-OL	0,63
120	70,48	COMPOUND Mw=248	0,27

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CYPRESS BLUE AUSTRALIA ESSENTIAL OIL – 11046

Peak	RT (min)	Compound	%
121	70,62	SESQUITERPENIC COMPOUND	0,03
122	70,98	SESQUITERPENIC COMPOUND	0,02
123	71,44	SESQUITERPENONE	0,18
124	71,63	COMPOUND Mw=238	0,06
125	72,15	COMPOUND Mw=256	0,03
126	72,39	COMPOUND Mw=222	0,13
127	72,81	AROMATIC COMPOUND Mw=248	0,18
128	73,12	AROMATIC COMPOUND Mw=248	0,19
129	73,27	COMPOUND Mw=220	0,05
130	73,65	SESQUITERPENIC COMPOUND	0,03
131	74,00	AROMATIC COMPOUND	0,06
132	74,22	COMPOUND Mw=236	0,11
133	74,59	COMPOUND Mw=216	0,02
134	74,73	COMPOUND Mw=218	0,06
135	74,85	TERPENIC OXIDE	0,03
136	74,99	SESQUITERPENIC COMPOUND	0,12
137	75,34	SESQUITERPENIC COMPOUND	0,07
138	75,64	COMPOUND Mw=220	0,03
139	75,86	COMPOUND Mw=220	0,14
140	76,38	SESQUITERPENIC COMPOUND	0,04
141	76,86	SESQUITERPENOL	0,04
142	77,25	AROMATIC COMPOUND Mw=216	0,18
143	77,45	MYRTENOIC ACID	2,64
144	77,46	SESQUITERPENIC COMPOUND	0,20
145	78,25	COMPOUND Mw=220	0,06
146	78,48	COMPOUND Mw=222	0,11
147	78,74	COMPOUND Mw=220	0,11
148	79,36	COMPOUND Mw=220	0,02
149	80,20	COMPOUND Mw=218	0,27
150	80,51	COMPOUND Mw=220	0,03

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CYPRESS BLUE AUSTRALIA ESSENTIAL OIL – 11046

Peak	RT (min)	Compound	%
151	81,00	COMPOUND Mw=220	0,02
152	81,12	ABIETATRIENE	0,03
153	81,54	AROMATIC COMPOUND Mw=220	1,97
154	81,76	COMPOUND Mw=220	0,06
155	82,08	COMPOUND Mw=220	0,07
156	82,57	COMPOUND Mw=218	0,02
157	82,77	MYRTENOIC ACID ISOMER	0,08
158	83,02	COMPOUND Mw=220	0,11
159	83,59	MYRTENOIC ACID ISOMER	0,50
160	83,85	COMPOUND Mw=218	0,02
161	84,51	AROMATIC COMPOUND Mw=220	1,32
162	84,69	COMPOUND Mw=220	1,52
163	84,97	COMPOUND Mw=220	0,04
164	85,27	SESQUITERPENIC COMPOUND	0,06
165	85,62	COMPOUND Mw=218	0,47
166	86,00	SESQUITERPENIC COMPOUND	0,27
167	86,27	SESQUITERPENIC COMPOUND	0,04
168	87,56	COMPOUND Mw=234	1,50
169	88,99	AROMATIC COMPOUND Mw=232	0,99
170	89,96	AROMATIC COMPOUND Mw=232	0,25
171	90,65	DIHYDROCOLUMELLARIN ISOMER Mw=234	7,71
172	90,93	COMPOUND Mw=234	0,03
173	91,31	COMPOUND Mw=234	0,12
174	91,48	COMPOUND Mw=234	0,15
175	91,63	COMPOUND Mw=232	0,17
176	91,86	COMPOUND Mw=234	0,08
177	93,54	COMPOUND Mw=232	0,06
178	93,76	TERPENIC COMPOUND	0,02
179	94,25	AROMATIC COMPOUND	0,02
180	94,62	COMPOUND Mw=286	0,09

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CYPRESS BLUE AUSTRALIA ESSENTIAL OIL – 11046

Peak	RT (min)	Compound	%
181	94,95	COMPOUND Mw=286	0,05
182	95,19	COMPOUND Mw=232	1,13
183	95,56	COLUMELLARIN	0,74
184	95,97	COMPOUND Mw=234	0,20
185	96,29	COMPOUND Mw=234	0,15
186	97,20	AROMATIC COMPOUND	0,28
187	97,67	COMPOUND Mw=234	0,12
188	97,85	COMPOUND Mw=234	0,10
189	98,14	COMPOUND Mw=232	0,41
190	98,38	AROMATIC COMPOUND	0,08
191	99,78	AROMATIC COMPOUND	0,04
192	104,18	COMPOUND Mw=234	0,04
193	108,06	COMPOUND Mw=234	0,20
		TOTAL	99,47

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