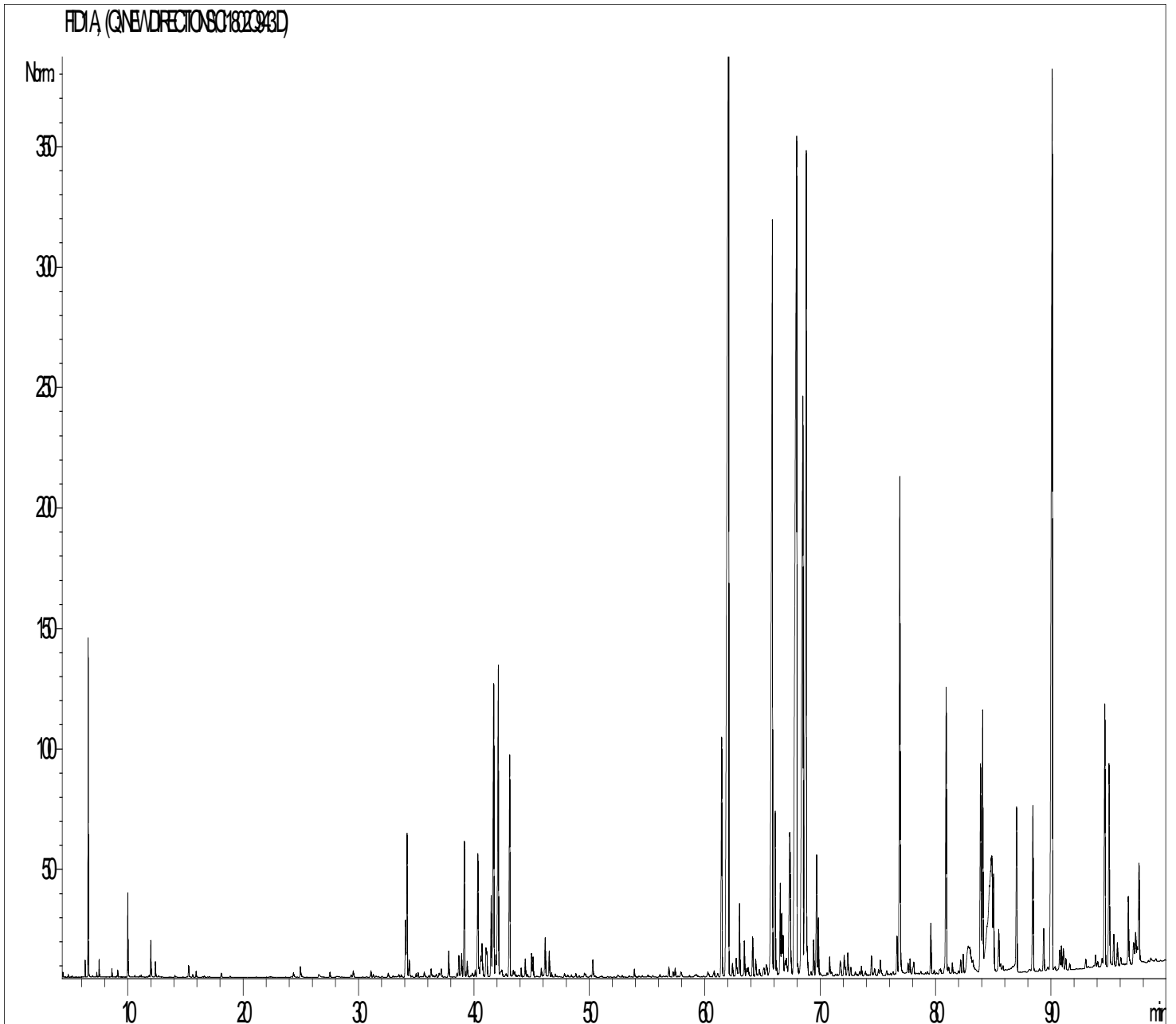


GCMS ANALYSIS

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

DATE: July 19, 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: CYPRESS BLUE AUSTRALIA ESSENTIAL OIL - 11046

Peak	RT (min)	Compound	%
1	4,3	ACETONE	0,01
2	4,8	ALIPHATIC ESTER	0,01
3	6,3	TRICYCLENE	0,05
4	6,5	alpha-PINENE	0,94
5	6,6	alpha-THUYENE	0,03
6	7,0	TOLUENE	0,01
7	7,3	alpha-FENCHENE	0,01
8	7,5	CAMPHENE	0,05
9	8,6	beta-PINENE	0,03
10	9,0	SABINENE	0,01
11	9,2	PINADIENE	0,03
12	10,0	delta3-CARENE	0,32
13	10,6	alpha-PHELLANDRENE	0,01
14	11,0	o-CYMENE	0,01
15	11,2	alpha-TERPINENE	0,01
16	11,7	MENTHATRIENE ISOMER	0,01
17	11,8	ISOSYLVESTRENE	0,01
18	12,0	LIMONENE	0,16
19	12,4	1,8-CINEOLE	0,07
20	12,6	MENTHATRIENE ISOMER	0,01
21	14,1	gamma-TERPINENE	0,01
22	15,1	m-CYMENE	0,01
23	15,2	p-CYMENE	0,05
24	15,6	ISOTERPINOLENE	0,01
25	15,9	TERPINOLENE	0,03
26	16,5	STYRENE ISOMER	0,01
27	16,6	COMPOUND Mw=148	0,01
28	18,0	PINOL	0,02
29	18,9	6-METHYL-5-HEPTEN-2-ONE	0,01
30	24,1	CAMPHOLENAL ISOMER	0,01

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CYPRESS BLUE AUSTRALIA ESSENTIAL OIL - 11046

Peak	RT (min)	Compound	%
31	24,3	DIMETHYLSTYRENE ISOMER	0,04
32	24,9	alpha,p-DIMETHYLSTYRENE	0,07
33	26,5	FURFURALDEHYDE	0,03
34	27,5	SESQUITERPENE	0,03
35	28,1	alpha-CAMPHOLENAL	0,02
36	28,3	alpha-COPAENE	0,01
37	29,3	CAMPHOR	0,02
38	29,5	alpha-PINOCAMPHONE	0,04
39	31,0	SESQUITERPENE	0,04
40	31,2	beta-PINOCAMPHONE	0,02
41	31,5	LINALOOL	0,01
42	32,0	SESQUITERPENE	0,01
43	32,5	PINOCARVONE	0,03
44	33,0	SESQUITERPENE	0,01
45	33,5	FENCHOL	0,01
46	33,7	beta-ELEMENE	0,02
47	34,1	beta-CARYOPHYLLENE	0,32
48	34,2	alpha-GUAIENE	0,78
49	34,4	TERPINENE-4-OL	0,11
50	35,0	TERPENIC ALCOHOL	0,02
51	35,1	SESQUITERPENE	0,02
52	35,7	THUJOPSENE	0,04
53	36,3	MYRTENAL	0,07
54	36,5	SESQUITERPENE	0,01
55	36,7	COMPOUND Mw=160	0,02
56	36,9	SESQUITERPENE	0,03
57	37,2	ALLO-AROMADENDRENE	0,08
58	37,8	Trans-PINOCARVEOL	0,15
59	38,5	ISOBORNEOL + ZONARENE	0,02
60	38,6	alpha-HUMULENE	0,12

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CYPRESS BLUE AUSTRALIA ESSENTIAL OIL - 11046

Peak	RT (min)	Compound	%
61	38,9	SESQUITERPENE	0,16
62	39,2	gamma-SELINENE	0,81
63	39,4	4,5-di-epi-ARISTOLOCHENE	0,10
64	39,8	gamma-MUUROLENE	0,04
65	40,1	SESQUITERPENE	0,05
66	40,3	alpha-DIHYDROAGAROFURAN	0,74
67	40,4	BORNEOL	0,05
68	40,6	VERBENONE	0,13
69	40,7	alpha-TERPINEOL	0,25
70	41,0	ACIPHYLENE	0,15
71	41,1	EREMOPHILENE	0,18
72	41,5	alpha-BULNESENE	0,45
73	41,7	beta-SELINENE	2,16
74	41,9	alpha-MUUROLENE	0,14
75	42,1	alpha-SELINENE	2,19
76	42,3	SESQUITERPENE	0,04
77	42,4	COMPOUND Mw=150	0,06
78	42,8	SESQUITERPENE	0,04
79	43,1	CYCLOISOLONGIFOLENE, 8,9-DEHYDRO-	1,36
80	43,3	delta-CADINENE	0,05
81	43,5	gamma-CADINENE	0,04
82	44,1	7-épi-alpha-SELINENE	0,06
83	44,4	delta-SELINENE	0,11
84	44,6	SESQUITERPENE	0,02
85	45,0	SESQUITERPENE	0,14
86	45,1	SELINA-3,7-DIENE	0,12
87	45,8	MYRTENOL	0,05
88	46,0	SESQUITERPENE Mw=202	0,10
89	46,2	GERMACRENE B	0,19
90	46,5	COMPOUND Mw=220	0,16

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CYPRESS BLUE AUSTRALIA ESSENTIAL OIL - 11046

Peak	RT (min)	Compound	%
91	46,7	COMPOUND Mw=220	0,02
92	47,0	SESQUITERPENOL Mw=220	0,02
93	47,8	SESQUITERPENE	0,03
94	48,1	Trans-CARVEOL	0,02
95	48,4	m-CYEMNE-8-OL	0,01
96	48,8	p-CYEMNE-8-OL	0,02
97	49,6	ALIPHATIC ESTER	0,03
98	50,3	SESQUITERPENOL Mw=220	0,10
99	52,5	AROMATIC COMPOUND	0,02
100	52,8	SESQUITERPENIC OXIDE	0,01
101	53,8	SESQUITERPENONE	0,05
102	56,1	SESQUITERPENOL	0,02
103	56,8	SESQUITERPENOL	0,06
104	57,2	AROMATIC COMPOUND	0,03
105	57,4	AROMATIC COMPOUND	0,06
106	57,9	COMPOUND Mw=216	0,05
107	59,2	AROMATIC COMPOUND	0,03
108	60,3	SESQUITERPENOL	0,04
109	60,8	SESQUITERPENOL	0,05
110	61,1	NORPATCHOULENOL	0,03
111	61,5	ELEMOL	1,56
112	62,1	GUAIOL	13,35
113	62,3	10-epi-gamma-EUDESOL	0,10
114	62,7	SESQUITERPENOL	0,16
115	63,0	EUDESMA-5-EN-11-alpha-OL	0,43
116	63,4	EUDESOL ISOMER	0,22
117	63,6	SESQUITERPENOL	0,06
118	63,8	SESQUITERPENOL	0,08
119	64,1	EUDESOL ISOMER	0,24
120	64,4	SESQUITERPENOL	0,12

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CYPRESS BLUE AUSTRALIA ESSENTIAL OIL - 11046

Peak	RT (min)	Compound	%
121	64,7	EUDESMOL ISOMER	0,07
122	65,1	SESQUITERPENONE Mw=218	0,09
123	65,3	AROMATIC COMPOUND	0,13
124	65,8	gamma-EUDESMOL	7,13
125	66,1	AGAROSPIROL	1,02
126	66,2	AROMATIC COMPOUND	0,05
127	66,5	EUDESMOL ISOMER	0,56
128	66,6	SESQUITERPENOL Mw=222	0,37
129	66,8	SESQUITERPENOL	0,29
130	67,0	SESQUITERPENOL	0,11
131	67,1	SESQUITERPENOL	0,16
132	67,3	EUDESMOL ISOMER	1,51
133	67,9	BULNESOL	10,86
134	68,5	alpha-EUDESMOL	6,25
135	68,7	beta-EUDESMOL	7,34
136	68,8	SESQUITERPENOL HYDROXIDE Mw=238	0,15
137	69,2	SESQUITERPENOL	0,04
138	69,4	SESQUITERPENOL	0,25
139	69,7	EUDESMA-7-EN-4-OL	0,74
140	69,8	AROMATIC COMPOUND Mw=248	0,35
141	70,0	SESQUITERPENOL	0,02
142	70,6	SESQUITERPENONE Mw=218	0,02
143	70,8	COMPOUND Mw=256	0,13
144	70,9	SESQUITERPENOL	0,03
145	71,7	SESQUITERPENOL	0,09
146	71,8	SESQUITERPENOL	0,04
147	72,0	POLYOXYGENED KETONE Mw=248	0,12
148	72,2	SESQUITERPENOL	0,04
149	72,4	COMPONENT Mw=248 ISOMER	0,17
150	72,6	SESQUITERPENOL	0,05

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CYPRESS BLUE AUSTRALIA ESSENTIAL OIL - 11046

Peak	RT (min)	Compound	%
151	73,0	COMPOUND Mw=216	0,03
152	73,4	DITERPENE Mw=272	0,03
153	73,5	AROMATIC COMPOUND	0,07
154	73,9	MANOYL OXIDE	0,04
155	74,4	COMPOUND Mw=218	0,12
156	74,7	SESQUITERPENIC OXIDE	0,06
157	75,0	SESQUITERPENOL	0,04
158	75,2	SESQUITERPENOL	0,13
159	75,7	CHAMAZULENE	0,04
160	76,3	SESQUITERPENOL	0,03
161	76,6	AROMATIC COMPOUND	0,24
162	76,9	MYRTENOIC ACID	3,40
163	77,6	SESQUITERPENIC OXIDE	0,06
164	77,8	SESQUITERPENIC OXIDE	0,09
165	78,1	SESQUITERPENIC OXIDE	0,10
166	79,5	SESQUITERPENONE Mw=218	0,32
167	80,9	SESQUITERPENOL Mw=220	1,92
168	81,1	SESQUITERPENOL Mw=220	0,06
169	81,4	COMPOSÉ AROMATIQUE	0,06
170	82,2	SESQUITERPENOL Mw=220	0,10
171	82,4	SESQUITERPENOL Mw=220	0,13
172	82,8	MYRTENOIC ACID ISOMER	1,09
173	83,8	SESQUITERPENOL Mw=220	1,46
174	84,1	COMPOUND Mw=234	1,77
175	85,0	COUPOUND Mw=218	0,71
176	85,5	COMPOUND Mw=234	0,34
177	87,0	COMPOUND Mw=234	1,47
178	88,4	COMPOUND Mw=232	1,09
179	89,4	COMPOUND Mw=232	0,29
180	90,1	DIHYDROCOLUMELLARIN Mw=234	8,64

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CYPRESS BLUE AUSTRALIA ESSENTIAL OIL - 11046

Peak	RT (min)	Compound	%
181	90,3	COMPOUND Mw=234	0,05
182	90,7	COMPOUND Mw=234	0,14
183	90,9	COMPOUND Mw=234	0,17
184	91,0	COMPOUND Mw=232	0,16
185	91,3	COMPOUND Mw=234	0,09
186	91,6	COMPOUND Mw=232	0,06
187	93,0	COMPOUND Mw=232	0,06
188	93,8	SANDAROCOPIMARINAL	0,08
189	94,0	COMPOUND Mw=234	0,03
190	94,4	COMPOUND Mw=234	0,08
191	94,6	COMPOUND Mw=232 ISOMER	1,86
192	95,0	COLUMELLARIN Mw=232	1,45
193	95,4	COMPOUND Mw=234	0,21
194	95,7	COMPOUND Mw=234	0,16
195	96,0	COMPOUND Mw=232	0,06
196	96,7	COSTUNOLIDE	0,51
197	97,1	COMPOUND Mw=234	0,20
198	97,3	COMPOUND Mw=234	0,26
199	97,5	COMPOUND Mw=232	0,12
200	97,6	CALLITRISIN Mw=232	0,76
		TOTAL	99,94

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