



CERTIFICATE of ANALYSIS (COA)

COMMON NAME	Boronia Absolute
LATIN NAME	<i>Boronia megastigma</i>
COUNTRY OF ORIGIN	Australia
CULTIVATION METHOD	Conventional
TYPE	Absolute
EXTRACTION METHOD	Solvent Extracted
PLANT PART	Flowering Tops
USE	Natural Perfumery

SKU	131
LOT #	5
MANUFACTURING DATE	July 2025
BEST BY DATE	July 2028

	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20°C	0.945 – 0.9650	0.9559
REFRACTIVE INDEX @20°C	1.45 – 1.52	1.5030
OPTICAL ROTATION @20°C	na	na

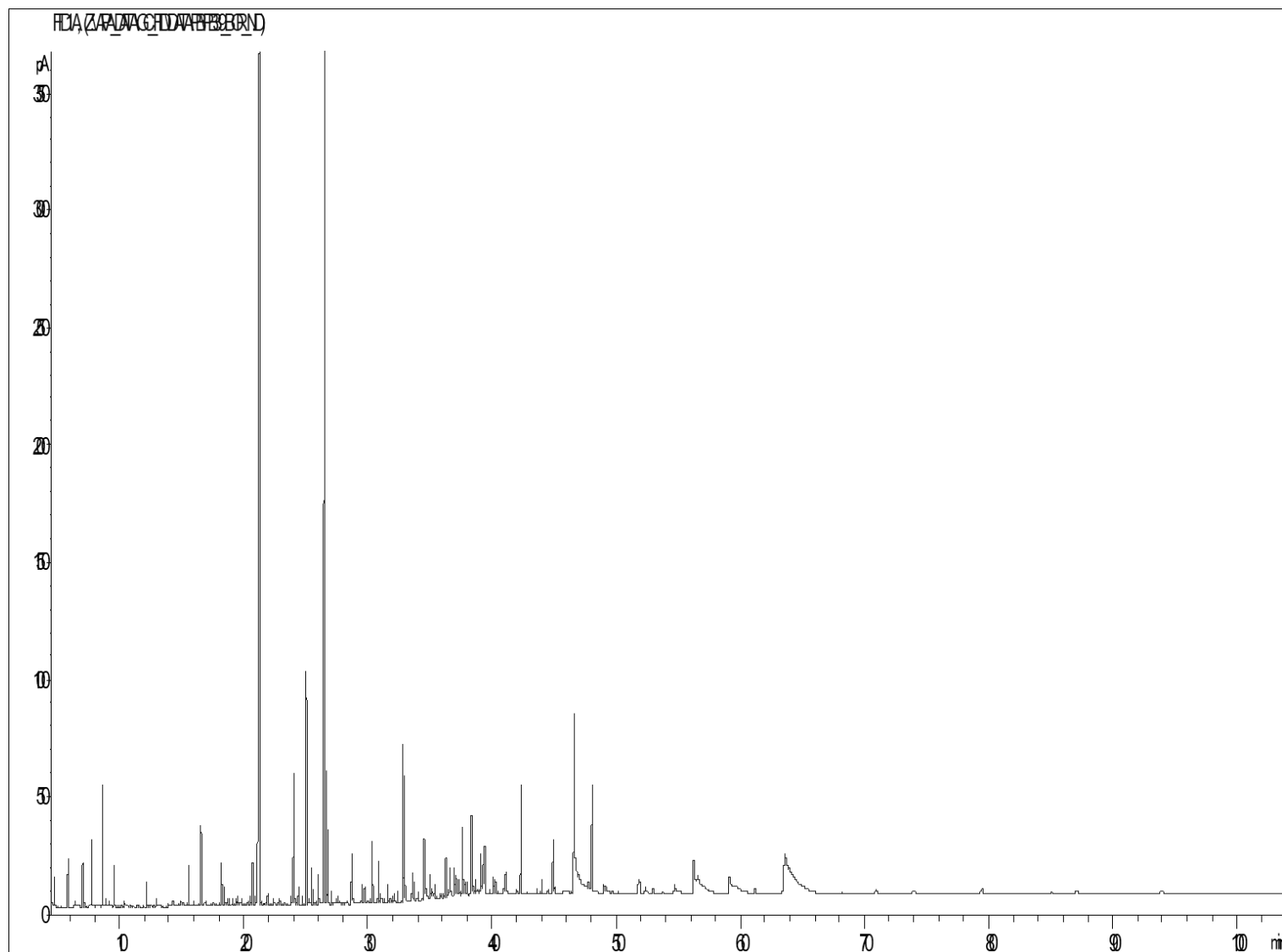
PHYSICAL APPEARANCE	Viscous liquid	Conforms
COLOR	Dark Orange to Brown	Conforms
ODOR	Green, herbaceous with floral notes.	Conforms
SOLUBILITY	Soluble in fixed oils, partially soluble in alcohol.	
SPECIAL USE INSTRUCTIONS	Dilute before use	

PRIMARY CONSTITUENTS	Beta-Ionone (>26% of Volatile Portion or >5% of Entire Extract)
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COMMENTS	Odor quality is excellent.
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GCMS ANALYSIS

CHROMATOGRAPHIC PROFILE:



- BORONIA ABS - SKU 131 LOT 5 -

Peaks	RT (min)	Compound name	CAS	%	Standard (%)	Allergens (%)
1	4.77	ETHANOL	64-17-5	0.24		
2	5.81	alpha-PINENE	80-56-8	0.37		0.37
3	7.02	beta-PINENE	127-91-3	0.32		0.32
4	7.75	beta-MYRCENE	123-35-3	0.46		
5	8.60	LIMONENE	138-86-3	0.89		0.89
6	8.83	beta-PHELLANDRENE	555-10-2	0.07		
7		1,8-CINEOLE	470-82-6			
8	9.55	trans-beta-OCIMENE	3779-61-1	0.29		
9	10.44	OCTANAL	124-13-0	0.06		
10	12.98	NONANAL	124-19-6	0.09		
11	14.28	ACETIC ACID	64-19-7	0.13		
12	14.95	NERYL OXIDE	1786-08-9	0.07		
13	15.59	PENTADECANE	629-62-9	0.34		
14	16.60	LINALOOL	78-70-6	0.68		0.68
15	16.94	COMPOUND Mw=138		0.06		
16	18.23	HOTRIENOL	53834-70-1	0.36		
17	18.51	beta-CARYOPHYLLENE	87-44-5	0.20		0.20
18	18.71	HEXADECENE ISOMER		0.08		
19	18.89	ALIPHATIC ESTER		0.11		
20	19.12	ALIPHATIC ESTER		0.07		
21	19.46	1-NONANOL	143-08-8	0.07		
22	19.53	ALIPHATIC COMPOUND		0.12		
23	19.79	2-METHYLBUTYRIC ACID		0.10		
24	20.32	alpha-TERPINEOL	98-55-5	0.06		0.06
25	20.56	ALIPHATIC COMPOUND		0.10		
26	20.72	HEPTADECANE	629-79-7	0.61		
27	21.04	Z-TAGETENONE	33746-71-3	0.12		
28	21.27	1-HEPTADECENE	6765-39-5	16.94		
29	21.43	ALIPHATIC ESTER		0.08		
30	21.97	1-DECANOL	112-30-1	0.11		
31	22.41	COMPOUND Mw=192		0.08		
32	22.75	NEROL	106-25-2	0.06		
33	22.91	CADINA-1,4-DIENE	16728-99-7	0.07		
34	23.83	trans-ANETHOL	4180-23-8	0.12		0.12
35	23.95	GERANIOL	106-24-1	0.10		0.10
36	24.03	DIHYDRO-beta-IONONE	79-77-6	1.29		
37	24.15	CALAMENENE ISOMER		0.10		
38	24.44	GUAIACOL	90-05-1	0.22		
39	24.73	COMPOUND Mw=192		0.12		
40	25.09	LAURYL ACETATE	112-66-3	2.31		
41	25.27	PHENYLMETHYL VALERATE	10361-39-4	0.08		
42	25.46	HEXENYLIC ESTER		0.46		
43	25.59	PHENYLETHYL ALCOHOL	60-12-8	0.21		

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Peaks	RT (min)	Compound name	CAS	%	Standard (%)	Allergens (%)
44	25.81	COMPOUND Mw=266		0.07		
45	26.02	3,7-OCTADIENE-2,6-DIOL, 2,6-DIMETHYL-	13741-21-4	0.38		
46	26.53	beta-IONONE	14901-07-6	19.60		
47	26.71	NONADECENE ISOMER		1.24		
48	26.80	DIHYDRO-beta-IONOL	3293-47-8	0.78		
49	27.12	2-PHENYLETHYL ISOVALERATE	140-26-1	0.15		
50	27.50	AROMATIC COMPOUND		0.08		
51	27.60	PHENOL	108-95-2	0.09		
52	27.65	AROMATIC COMPOUND		0.11		
53	27.73	CARYOPHYLLENE OXIDE	1139-30-6	0.06		
54	28.68	CAPRYLIC ACID	124-07-2	0.54		
55	28.76	AROMATIC COMPOUND		0.11		
56	29.55	HENEICOSENE ISOMER		0.19		
57	29.75	HENEICOSANE	629-94-7	0.16		
58	30.40	SPATHULENOL	6750-60-3	0.63		
59	30.53	KETONIC COMPOUND Mw=192		0.15		
60	30.88	PELARGONIC ACID	112-05-0	0.49		
61	31.06	COMPOUND Mw=222		0.17		
62	31.61	COMPOUND Mw=208		0.25		
63	31.79	ALIPHATIC ESTER		0.07		
64	32.05	ALIPHATIC ESTER		0.08		
65	32.13	METHYL PALMITATE	112-39-0	0.09		
66	32.40	beta-NOOTKATOL	53643-07-5	0.13		
67	32.86	ETHYL PALMITATE	628-97-7	0.30		
68	32.87	TRICOSANE	638-67-5	1.39		
69	32.99	CAPRIC ACID	334-48-5	1.34		
70	33.60	2,7-OCTADIENE-1,6-DIOL, 2,6-DIMETHYL-	64142-78-5	0.31		
71	33.77	ALIPHATIC COMPOUND		0.18		
72	34.03	ALIPHATIC ESTER		0.09		
73	34.54	METHYL JASMONATE	1211-29-6	0.68		
74	34.65	ALIPHATIC ESTER		0.29		
75	34.76	ACID COMPOUND		0.10		
76	34.83	COMPOUND Mw=208		0.08		
77	35.01	COMPOUND Mw=208		0.38		
78	35.21	DIHYDROACTINOLIDE	15356-74-8	0.19		
79	35.40	ACID COMPOUND		0.30		
80	35.59	ALIPHATIC ESTER		0.06		
81	35.82	BENZOFURAN, 2,3-DIHYDRO-	496-16-2	0.08		
82	36.09	ALIPHATIC ESTER		0.08		
83	36.32	AROMATIC COMPOUND		0.45		
84	36.51	METHYL OLEATE	112-62-9	0.16		
85	36.62	AROMATIC COMPOUND		0.27		
86	36.68	ALIPHATIC ESTER		0.38		

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Peaks	RT (min)	Compound name	CAS	%	Standard (%)	Allergens (%)
87	36.95	TETRACOSANE	646-31-1	0.37		
88	37.01	AROMATIC COMPOUND		0.24		
89	37.13	LAURIC ACID	143-07-7	0.26		
90	37.31	ETHYL OLEATE	111-62-6	0.29		
91	37.40	COMPOUND Mw=192		0.06		
92	37.49	AROMATIC COMPOUND		0.08		
93	37.64	ALIPHATIC COMPOUND		1.06		
94	37.84	ALIPHATIC ALCOHOL		0.25		
95	38.03	SESQUITERPENIC COMPOUND		0.26		
96	38.29	SESQUITERPENIC COMPOUND		0.39		
97	38.36	AROMATIC COMPOUND		1.02		
98	38.59	COMPOUND Mw=192		0.12		
99	38.68	METHYL LINOLEATE	2462-85-3	0.24		
100	38.81	COMPOUND Mw=208		0.09		
101	38.87	COMPOUND Mw=208		0.10		
102	38.93	COMPOUND Mw=226		0.07		
103	39.11	ALIPHATIC ESTER		0.67		
104	39.34	PHYTOL	150-86-7	0.58		
105	39.45	ETHYL LINOLEATE		0.93		
106	40.12	AROMATIC COMPOUND		0.26		
107	40.27	COMPOUND Mw=208		0.22		
108	40.49	COMPOUND Mw=208		0.08		
109	41.00	COMPOUND Mw=208		0.14		
110	41.11	MYRISTIC ACID	544-63-8	0.25		
111	41.15	COMPOUND Mw=210		0.26		
112	42.35	COMPOUND Mw=152		1.46		
113	43.60	COMPOUND Mw=242		0.08		
114	44.03	OXYGENED COMPOUND		0.20		
115	44.54	ALIPHATIC ESTER		0.09		
116	44.94	OXYGENED COMPOUND		0.85		
117	45.06	ALIPHATIC ESTER		0.11		
118	46.61	PALMITIC ACID	57-10-3	6.89		
119	47.79	ALKANIC COMPOUND		0.12		
120	48.08	KETONIC COMPOUND		1.87		
121	48.99	KETONIC COMPOUND		0.15		
122	49.16	COMPOUND Mw=270		0.15		
123	51.76	OXYGENED COMPOUND		0.24		
124	51.86	KETONIC COMPOUND		0.27		
125	52.36	ACID COMPOUND		0.18		
126	52.95	SQUALENE	111-02-4	0.11		
127	54.70	STEARIC ACID	57-11-4	0.23		
128	56.26	OLEIC ACID	112-80-1	2.87		
129	56.62	OXYGENED COMPOUND		0.24		

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Peaks	RT (min)	Compound name	CAS	%	Standard (%)	Allergens (%)
130	59.17	LINOLEIC ACID	60-33-3	1.83		
131	61.18	LAURYL PALMITATE		0.14		
132	63.61	LINOLENIC ACID	463-40-1	7.03		
133	68.24	PHTALATE COMPOUND		0.06		
134	70.95	ALIPHATIC ESTER Mw=278		0.22		
135	73.93	ALIPHATIC ESTER Mw=278		0.21		
136	79.46	ALIPHATIC ESTER		0.29		
137	85.06	ACID COMPOUND		0.10		
138	87.07	ALIPHATIC ESTER Mw=278		0.15		
139	93.91	ALIPHATIC ESTER		0.22		
		TOTAL		95.74		2.74

This Absolute is a 100% pure and natural product. It does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge. The analysis and statements herein constitute the most complete information available to Eden Botanicals. This product is guaranteed by Eden Botanicals to be of excellent quality.

Eden Botanicals

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Document created: 04.06.21

Document updated: 03.12.26