



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 #	3
MANUFACTURING DATE	August 2022
BEST BY DATE	August 2027

	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20°C	0.945 – 0.9650	0.9600
REFRACTIVE INDEX @20°C	1.45 – 1.52	1.5034
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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Components	Range %	%	Components	Range %	%
TOTAL VOLATILES IN EXTRACT	>16	20.708	BETA-IONONE (% of Extract)	>5	5.71
COMPONENT BREAKDOWN OF VOLATILE PORTION OF EXTRACT:					
B-IONONE	na	27.572	2,6-DIMETHYL-1,2,7-OCTADIENE-1,6-DIOL	na	0.594
HEPTADEC-8-ENE	na	21.669	BICYCLOGERMACRENE	na	0.442
DIHYDRO-B-IONONE	na	5.026	A-TERPINOLENE	na	0.440
METHYL-JASMONATE ISOMER	na	3.817	CARRYOPHELENE	na	0.433
DODECYL-ACETATE	na	2.938	TRANS-B-OCIMENE	na	0.426
DIHYDRO-B-IONOL	na	2.266	N-HEPTADECANE	na	0.423
B-PINENE	na	2.135	A-PINENE	na	0.370
DODECANOL	na	1.531	ETHYL-OCTANOATE	na	0.284
SPATHULENOL	na	1.425	CAMPHENE	na	0.152
METHYL-ISO-JASMONATE	na	1.307	ISO-HEPTADECANE	na	0.118

LIMONENE *	na	1.238		SABINENE	na	0.117
UNKNOWN CIS-3-HEXENYL ESTER	na	1.187		OCTANAL	na	0.102
DIHYDRO-ALPHA-IONONE	na	1.061		CIS-BETA-OCIMENE	na	0.051
METHYL HYDROXY CINNAMATE	na	0.993		B-PHELLANDRENE	na	0.040
LINALOOL *	na	0.938		1,8-CINEOLE	na	0.037
METHYL-JASMONATE	na	0.935		Δ -3-CARENE	na	0.004
MYRCENE ⁶⁵	na	0.886				
* EU Allergen ⁶⁵ = Prop 65						

COMMENTS	Odor quality is excellent.
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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.

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