



CERTIFICATE of ANALYSIS (COA)

COMMON NAME	Bergamot
LATIN NAME	<i>Citrus aurantium</i> var. <i>bergamia</i>
COUNTRY OF ORIGIN	Italy
CULTIVATION METHOD	Conventional
TYPE	Essential Oil
EXTRACTION METHOD	Cold Pressed
PLANT PART	Peels
USE	Aromatherapy, Natural Perfumery

SKU	120
LOT #	14
MANUFACTURING DATE	November 2020
RETEST	November 2022

	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20°C	0.876 – 0.883	0.871
REFRACTIVE INDEX @20°C	1.465 – 1.470	1.4657
OPTICAL ROTATION @20°C	+15° to +36°	+31.5°

PHYSICAL APPEARANCE	Transparent liquid. Some deposits may appear (waxes).	Conforms
COLOR	Greenish yellow to green	Conforms
ODOR	Fresh, zesty, citrus aroma.	Conforms
SOLUBILITY	Soluble in alcohol and fixed oils	
SPECIAL USE INSTRUCTIONS	Dilute before use. Refrigerate to extend freshness.	

PRIMARY CONSTITUENTS	Limonene, Linalyl Acetate, Linalool
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COMPONENTS	Range %	%	COMPONENTS	Range %	%
LIMONENE *	30 - 45	40.38	ALPHA-THUYENE	na	0.28
LINALYL ACETATE	22 - 36	25.12	BETA-CARYOPHYLLENE	na	0.28
LINALOOL *	3 - 15	10.95	ALPHA-TRANS-BERGAMOTENE	na	0.16
BETA-PINENE	5.5 - 9.5	7.47	BETA-PHELLANDRENE	na	0.13
GAMMA-TERPINENE	6 - 10	6.20	BERGAPTEN	na	0.13
ALPHA-PINENE	na	1.28	TRANS-BETA-OCIMENE	na	0.13
BETA-MYRCENE ⁶⁵	na	1.14	GERANIOL *	na	0.11
SABINENE	na	1.05	LIMETTIN	na	0.10
GERANIAL *	na	0.70	OCTYL ACETATE	na	0.08
P-CYMENE	na	0.67	NEROL	na	0.07
ALPHA-TERPINEOL	na	0.44	ALPHA-TERPINENE	na	0.06
NERAL *	na	0.44	MYRISTIC ACID	na	0.06
NERYL ACETATE	na	0.38	E-BETA-FARNESENE	na	0.05
BETA-BISABOLENE	0.30 - 0.55	0.37	TERPINENE-4-OL	na	0.05

GERANYL ACETATE	<i>na</i>	0.33		CITRONELLOL *	<i>na</i>	0.03
TERPINOLENE	<i>na</i>	0.31				
<i>* EU Allergen ⁶⁵ = Prop 65</i>						

COMMENTS	Odor quality is excellent. Caution: photosensitizing.
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This Essential Oil is a 100% pure and natural product and 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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