



CERTIFICATE of ANALYSIS (COA)

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

SKU	125
LOT #	15
MANUFACTURED	January 2021
RETEST	January 2023

	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20°C	0.86 – 0.89	0.872
REFRACTIVE INDEX @20°C	1.45 – 1.47	1.4664
OPTICAL ROTATION @20°C	+8° to +38°	+31°

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 preserve freshness.	

PRIMARY CONSTITUENTS	Limonene, Linalyl acetate, Linalool.
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COMPONENTS	Range %	%	COMPONENTS	Range %	%
LIMONENE *	20-50	40.70	BETA-BISABOLENE	na	0.33
LINALYL ACETATE	10-45	24.89	CITROPTEN	na	0.07
LINALOOL *	3-20	10.51	PALMITIC ACID	na	0.08
ALPHA-THUJENE	na	0.27	BERGAPTEN	na	0.10
ALPHA-PINENE	na	1.26	OLEIC ACID	na	0.05
BETA-PINENE	na	7.42	ALPHA-TERPINYL ACETATE	na	0.09
SABINENE	na	1.04	NERYL ACETATE	na	0.37
MYRCENE ⁶⁵	na	1.10	GERANYL ACETATE	na	0.31
ALPHA-PHELLANDRENE	na	0.05	BETA-CARYOPHYLLENE	na	0.28
OCTANAL	na	0.05	TRANS-ALPHA-BERGAMOTENE	na	0.17
ALPHA-TERPINENE	na	0.06	TERPINEN-4-OL	na	0.05
PARA-CYMENE	na	0.63	NERAL *	na	0.44
1,8-CINEOLE	na	0.16	TERPINOLENE	na	0.31
(E)-BETA-OCIMENE	na	0.11	GAMMA-TERPINENE	6-10	6.21

NONANAL	<i>na</i>	0.03		ALPHA-TERPINEOL	<i>na</i>	0.34
GERANIAL *	<i>na</i>	0.66		OCTYL ACETATE	<i>na</i>	0.08
<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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