



CERTIFICATE of ANALYSIS (COA)

COMMON NAME	Mandarin, Green
LATIN NAME	<i>Citrus reticulata</i> Blanco
COUNTRY OF ORIGIN	Italy
CULTIVATION METHOD	Conventional
TYPE	Essential Oil
EXTRACTION METHOD	Cold pressed
PLANT PART	Peels
USE	Aromatherapy, Natural Perfumery

SKU	580
LOT #	13
MANUFACTURING DATE	November 2022
BEST BY DATE	November 2024

	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20°C	0.845 – 0.855	0.8518
REFRACTIVE INDEX @20°C	1.474 – 1.478	1.4738
OPTICAL ROTATION @20°C	+65° to 75°	+73.96°

PHYSICAL APPEARANCE	Liquid. May be prone to turbidity due to naturally occurring waxes.	Conforms
COLOR	Dark to brilliant green	Conforms
ODOR	Green, tart, sweet citrus aroma	Conforms
SOLUBILITY	Soluble in alcohol and fixed oils	
SPECIAL USE INSTRUCTIONS	Dilute before use. Refrigerate to preserve freshness. This product is filtered by our manufacturer. Further filtration is only necessary if waxes present an aesthetic issue for your formulation.	

PRIMARY CONSTITUENTS	Limonene, Gamma-Terpinene.
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COMPONENTS	RANGE %	%	COMPONENTS	RANGE %	%
LIMONENE *	65-75	73.74	SINENSAL	0.2-0.7	0.32
GAMMA-TERPINENE	na	16.35	DECANAL	0.40-1.2	1.0
* EU Allergen ⁶⁵ =Prop 65					

COMMENTS	Odor quality is excellent.
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This Essential Oil 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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