

Product Name	Mandarin
Country	Italy
Product Type	Essential Oil
Botanical Name	Citrus reticulata
INCI Name	Citrus Nobilis Peel Oil
Plant Part	Peel
Extraction Method	Cold Expression
CAS Number	84929-38-4 /8008-31-9
EC / EINECS Number	Product use : Domestic and Industrial

Overview The following quality and regulatory information represents product data currently maintained by West Coast Aromatics for Mandarin. Identity fields are aligned with the matching SDS and representative GC-MS profile. This document is intended to support customer quality review and is not a substitute for customer-specific regulatory assessment.

SUMMARY OF QUALITY AND REGULATORY DECLARATIONS

Group	Declaration
Source	■ Plant Derived
Raw Materials	■ Natural
Raw Materials	■ GMO-Free
Processing Statements	■ Not Irradiated
Processing Statements	■ No Sewer Sludge Used
By-Products and Impurities	■ Heavy-Metal Statement
By-Products and Impurities	■ By-Products & Impurities Statement
By-Products and Impurities	■ PFA Statement
Allergens	■ Food Allergen Statement
Allergens	■ Gluten Free Statement
Claims	■ BSE/TSE Free
Claims	■ Cruelty Free
Claims	■ Kosher Review
Claims	■ Vegan
Declaration	■ Country of Origin
Quality	■ Quality Statement

SOURCE

PLANT DERIVED STATEMENT We hereby declare that, to the best of our knowledge, Mandarin is derived from plant material.

RAW MATERIALS

NATURAL STATEMENT We hereby declare that, to the best of our knowledge, Mandarin is a botanical aromatic product and is free from intentionally added adulterants unless otherwise disclosed.

GMO STATEMENT We hereby declare that, to the best of our knowledge, this product was not intentionally produced from genetically modified plant material and no genetically modified ingredients have been intentionally added.

PROCESSING STATEMENTS

NON-IRRADIATION STATEMENT We hereby declare that, to the best of our knowledge, this product has not been intentionally irradiated and does not contain intentionally irradiated ingredients.

SEWER SLUDGE STATEMENT We hereby declare that, to the best of our knowledge, this product was not intentionally produced with sewer sludge and is free from such processing input.

BY-PRODUCTS AND IMPURITIES

HEAVY METALS STATEMENT Heavy metals are not intentionally added to this product. Product-specific analytical confirmation is not included unless separately reported.

Item	Value	Value 2	Notes
Mercury (Hg)	Not intentionally added		
Arsenic (As)	Not intentionally added		
Cadmium (Cd)	Not intentionally added		
Lead (Pb)	Not intentionally added		

BY-PRODUCTS AND IMPURITIES STATEMENT We hereby declare that, to the best of our knowledge, this product is not intentionally manufactured with common synthetic diluents or unwanted additive classes and is maintained under internal quality review.

Item	Value	Value 2	Notes
Parabens	No intentional addition		
Phthalates	No intentional addition		
Synthetic solvents	No intentional addition		
Petrochemicals	No intentional addition		
Formaldehydes	No intentional addition		

PFAS / PFA STATEMENT We hereby declare that, to the best of our knowledge, PFAS are not intentionally added to this product and the product is not intentionally manufactured with PFAS processing inputs.

ALLERGENS

FOOD ALLERGEN STATEMENT We hereby declare that, to the best of our knowledge, this product does not intentionally contain the major common food allergens listed below.

Item	Value	Value 2	Notes
Peanut and derivatives	No		
Tree nuts and derivatives	No		
Sesame and derivatives	No		
Wheat / barley / rye / oats / spelt / kamut	No		
Gluten	No		
Soy and derivatives	No		
Dairy / eggs	No		
Fish	No		
Shellfish	No		
Sulphites	No intentional addition		

GLUTEN STATEMENT We hereby declare that, to the best of our knowledge, this product does not intentionally contain gluten and is not intentionally manufactured with gluten-containing ingredients.

CLAIMS

BSE / TSE STATEMENT We hereby declare that, to the best of our knowledge, this product is of botanical origin, is not made with animal-derived material, and is free from BSE/TSE-relevant animal inputs.

CRUELTY-FREE STATEMENT We hereby declare that, to the best of our knowledge, this product is not tested on animals by West Coast Aromatics.

KOSHER STATEMENT	This product is represented as suitable for kosher review based on botanical origin and absence of intentionally added animal-derived ingredients. Customer-specific certification requirements should be evaluated by the customer.
VEGAN STATEMENT	We hereby declare that, to the best of our knowledge, this product does not contain intentionally added animal-derived ingredients and is suitable for vegan formulation review.

DECLARATION

DECLARATION OF COUNTRY OF ORIGIN	We hereby confirm that the country of origin for this product is Italy.
Reference	Italy

QUALITY

QUALITY AND IDENTITY SUPPORT	Product identity is maintained internally as Mandarin, Italy. Supporting records include the matching SDS and representative GC-MS profile where available.		
Item	Value	Value 2	Notes
Botanical Name	Citrus reticulata		
INCI Name	Citrus Nobilis Peel Oil		
CAS Number	84929-38-4 /8008-31-9		
EC / EINECS Number	Product use : Domestic and Industrial		
Country of Origin	Italy		
Shelf Life	24 to 36 months in unopened containers		
Storage	Store cool, dry, closed, away from heat and light.		
Main Constituents	Limonene 71.17%; Γ-Terpinene 17.94%; A-Pinene 2.04%; B-Myrcene 1.88%; B-Pinene 1.51%; Terpinolene 0.79%; A-Thuyene 0.74%		

QUALITY AND IDENTITY SUPPORT

Main Constituents	Limonene 71.17%; Γ -Terpinene 17.94%; A-Pinene 2.04%; B-Myrcene 1.88%; B-Pinene 1.51%; Terpinolene 0.79%; A-Thuyene 0.74%
Shelf Life	24 to 36 months in unopened containers when stored properly.
Storage and Handling	Store in tightly closed containers in a cool dry place away from heat, light, and direct sunlight.
Quality Statement	This product is maintained as a botanical aromatic product under internal quality review. Natural variation may occur by harvest, geography, and processing.
Reference Standard	Typical Mandarin composition profile
Analyst	West Coast Aromatics QC
Analysis Date	January 08, 2026
Sample Description	Representative Mandarin profile.
Main Constituents Reference	Limonene 71.17%; Γ -Terpinene 17.94%; A-Pinene 2.04%; B-Myrcene 1.88%; B-Pinene 1.51%; Terpinolene 0.79%; A-Thuyene 0.74%
Total Identified	99.66%
Appearance	Limpid Liquid, brown to green
Odor	Fresh orange mandarin odor.
Solubility	Soluble in alcohol and oils. Insoluble in water.
Specific Gravity	0.851 (@ 20 degrees C)
Optical Rotation	+66 degrees to +76 degrees @ 20 degrees C
Refractive Index	1.4700 to 1.4800 @ 20 degrees C

IFRA STANDARDS CONFORMITY

Certificate	IFRA Standards Conformity Support
Revision Date	January 08, 2026
Revision Number	1
Amendment Version	Current IFRA standard review recommended
Statement	This page is provided as formulation support based on available product and constituent information. Final IFRA compliance must be confirmed against the current IFRA standard and the customer's intended finished product category and use level.

Category	Description	Maximum Usage Rate
1	Products applied to the lips	Review required
2	Products applied to the axillae	Review required
3	Products applied to the face/body using fingertips	Review required
4	Fine fragrance products	Review required
5A	Body lotion products, primarily leave-on	Review required
5B	Face moisturizer products, primarily leave-on	Review required
5C	Hand cream products, primarily leave-on	Review required
5D	Baby creams, baby oils and baby talc	Review required
6	Products with oral and lip exposure	Review required
7A	Rinse-off hair products	Review required
7B	Leave-on hair products	Review required
8	Products with significant anogenital exposure	Review required
9	Rinse-off body and hand products	Review required
10A	Household care products with skin contact	Review required
10B	Air care products	Review required
11A	Products with intended skin contact but minimal transfer	Review required
11B	Products with incidental skin contact	Review required
12	Products not intended for direct skin contact	Review required

Material	CAS	Recommendation	%
Limonene		Review in current IFRA standard	71.170
Γ-Terpinene		Review in current IFRA standard	17.940
A-Pinene		Review in current IFRA standard	2.040
B-Myrcene		Review in current IFRA standard	1.880
B-Pinene		Review in current IFRA standard	1.510
Terpinolene		Review in current IFRA standard	0.790
A-Thuyene		Review in current IFRA standard	0.740
P-Cymene		Review in current IFRA standard	0.580

EU FRAGRANCE ALLERGEN STATEMENT

Header	EU Fragrance Allergen Statement
Revision Date	January 08, 2026
Revision Number	1
Notes	Values are representative and should be reviewed against final product use and applicable market regulations.

Ingredient	CAS	%	Notes
Beta-Caryophyllene	87-44-5	0.120	Representative value from extracted GC-MS profile
Citronellol	106-22-9 / 1117-61-9	0.030	Representative value from extracted GC-MS profile
Limonene	5989-27-5 / 138-86-3	70.420	Representative value from extracted GC-MS profile
Linalool	78-70-6	0.130	Representative value from extracted GC-MS profile
Pinene - Sum of alpha-Pinene and beta-Pinene	80-56-8 / 127-91-3	21.730	Representative value from extracted GC-MS profile
Terpineol - Sum of alpha-, beta-, and gamma-Terpineol	8000-41-7 / 98-55-5	0.220	Representative value from extracted GC-MS profile

FINAL DECLARATIONS

California Proposition 65	California Proposition 65 Warning		
Warning	WARNING: This product may expose you to naturally occurring constituents known to the State of California to cause cancer or reproductive harm. For more information go to www.P65Warnings.ca.gov .		
Exposure Route	Potential consumer or occupational exposure depending on end use.		
Basis of Assessment	Precautionary inclusion based on available constituent information.		
Threshold Reference	Customer-specific exposure evaluation may still be required.		
Chemical	CAS	Listed For	Notes
beta-Myrcene	123-35-3	Cancer	Naturally occurring trace constituent.
Country of Origin	We hereby confirm that the country of origin for this product is Italy.		
Approved By	West Coast Aromatics QC		
Company	West Coast Aromatics		
Address	2701 Conestoga Dr Unit 106, Carson City, NV 89706, USA		
Phone	775-387-3000		
Disclaimer & Caution	The information contained in this document is obtained from current and reliable sources and is provided to the best of our knowledge. It is intended to support customer quality and regulatory review. The user remains responsible for final determination of suitability and compliance for the intended application and market.		