

Product Name	Plai Thailand
Country	Thailand
Product Type	Essential Oil
Botanical Name	Zingiber cassumunar Roxb. (syn. Zingiber montanum)
INCI Name	Zingiber Cassumunar Root Oil
Plant Part	Rhizome / root
Extraction Method	Steam Distillation
CAS Number	84696-15-1 / 8007-08-7
EC / EINECS Number	283-634-2

Overview The following quality and regulatory information represents product data currently maintained by West Coast Aromatics for Plai Thailand. Identity fields are aligned with the matching SDS, COA, and representative GC-MS composition profile.

SUMMARY OF QUALITY AND REGULATORY DECLARATIONS

Group	Declaration
Source	■ Plant Derived
Raw Materials	■ Natural / Pure
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
By-Products and Impurities	■ PFAS 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 To the best of our knowledge, Plai Thailand is derived from the rhizomes of Zingiber cassumunar.

RAW MATERIALS

NATURAL / PURITY STATEMENT The product owner declares Lot 8498253 to be 100 percent Plai essential oil with no intentionally added carrier oil, preservative, or synthetic diluent.

GMO STATEMENT To the best of our knowledge, this product was not intentionally produced from genetically modified material and no genetically modified ingredient is intentionally added.

PROCESSING STATEMENTS

NON-IRRADIATION STATEMENT To the best of our knowledge, this product has not been intentionally irradiated.

SEWER SLUDGE STATEMENT To the best of our knowledge, sewer sludge is not intentionally used in producing this product.

BY-PRODUCTS AND IMPURITIES

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

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

BY-PRODUCTS AND IMPURITIES STATEMENT To the best of our knowledge, this product is not intentionally manufactured with parabens, phthalates, synthetic solvents, petrochemicals, or formaldehyde.

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 To the best of our knowledge, PFAS are not intentionally added or used as a processing input.

ALLERGENS

FOOD ALLERGEN STATEMENT 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 intentional addition		
Tree nuts and derivatives	No intentional addition		
Sesame and derivatives	No intentional addition		
Wheat / barley / rye / oats / spelt / kamut	No intentional addition		
Gluten	No intentional addition		
Soy and derivatives	No intentional addition		
Dairy / eggs	No intentional addition		
Fish	No intentional addition		
Shellfish	No intentional addition		
Sulphites	No intentional addition		

GLUTEN STATEMENT To the best of our knowledge, this product does not intentionally contain gluten.

CLAIMS

BSE / TSE STATEMENT This botanical product is not intentionally made with animal-derived material and is not expected to contain BSE/TSE-relevant inputs.

CRUELTY-FREE STATEMENT To the best of our knowledge, this product is not tested on animals by West Coast Aromatics.

KOSHER STATEMENT This botanical product is suitable for customer kosher review; formal certification must be confirmed separately when required.

VEGAN STATEMENT To the best of our knowledge, this product contains no intentionally added animal-derived ingredient and is suitable for vegan formulation review.

DECLARATION

DECLARATION OF COUNTRY OF ORIGIN	The declared country of origin for this product is Thailand.
Reference	Thailand

QUALITY

QUALITY AND IDENTITY SUPPORT	Product identity is maintained as Plai Thailand, steam-distilled from Zingiber cassumunar rhizome. Supporting records include the matching SDS, COA, and representative GC-MS profile.		
Item	Value	Value 2	Notes
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INCI Name	Zingiber Cassumunar Root Oil		
Plant Part	Rhizome / root		
Extraction Method	Steam Distillation		
CAS Number	84696-15-1 / 8007-08-7		
EC / EINECS Number	283-634-2		
Country of Origin	Thailand		
Shelf Life	36 months in unopened containers		
Storage	Store cool, dry, tightly closed, away from heat and light.		
Main Constituents	Sabinene; DMPBD; terpinen-4-ol; gamma-terpinene		

QUALITY AND IDENTITY SUPPORT

Main Constituents	Sabinene; DMPBD; terpinen-4-ol; gamma-terpinene; trimethoxyphenyl butadiene; m-cymene; beta-sesquiphellandrene
Shelf Life	36 months in unopened containers when stored properly.
Storage and Handling	Store tightly closed in a cool, dry place away from heat, light, and air.
Quality Statement	The product owner declares this material to be 100 percent Plai essential oil with no intentionally added carrier oil, preservative, or synthetic diluent. Natural variation may occur by cultivar, harvest, geography, storage, and distillation.
Reference Standard	Published characteristic Plai essential-oil profile
Analyst	West Coast Aromatics QC
Analysis Date	September 14, 2026
Sample Description	Representative Plai Thailand essential-oil profile.
Main Constituents Reference	Published midpoint profile: sabinene 34.54%; DMPBD 22.60%; terpinen-4-ol 20.28%; gamma-terpinene 3.60%.
Total Identified	93.16% named constituents; 6.84% other / unidentified
Lot Number	8498253
Manufacturing Date	January 22, 2026
Retest Date	January 22, 2029
Appearance	Clear oily liquid; colorless to pale yellow or greenish.
Odor	Fresh, herbaceous, camphoraceous, and softly spicy.
Solubility	Soluble in alcohol and oils; insoluble in water.
Specific Gravity	Published typical range: 0.880 to 0.925 at 20 C.
Optical Rotation	Published typical range: -44 to -33 degrees at 20 C.
Refractive Index	Published typical range: 1.477 to 1.509 at 20 C.

IFRA STANDARDS CONFORMITY

Certificate	IFRA Standards Conformity Support
Revision Date	September 14, 2026
Revision Number	1
Amendment Version	Current IFRA standard review required
Statement	Final IFRA compliance and maximum use levels must be confirmed against the current IFRA standard, the complete composition, and the intended finished-product category.

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	Review required
5C	Hand cream products	Review required
5D	Baby creams, oils, and 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 skin contact	Review required

Material	CAS	Recommendation	%
Sabinene		Review current standard	34.54
DMPBD		Review current standard	22.60
Terpinen-4-ol		Review current standard	20.28
Gamma-Terpinene		Review current standard	3.60
Trimethoxyphenyl butadiene		Review current standard	2.32
m-Cymene		Review current standard	1.89
beta-Sesquiphellandrene		Review current standard	1.31
beta-Myrcene		Review current standard	1.27

EU FRAGRANCE ALLERGEN STATEMENT

Header	EU Fragrance Allergen Statement
Revision Date	September 14, 2026
Revision Number	1
Notes	No lot-specific EU fragrance-allergen analysis was supplied. Review the current regulatory list and final formulation before market placement.

Ingredient	CAS	%	Notes
Customer regulatory review required		N/A	Representative published Plai composition is not a lot-specific allergen test.

FINAL DECLARATIONS

California Proposition 65	California Proposition 65 Review		
Warning	This product may expose users to naturally occurring beta-myrcene, which is listed by the State of California. Customer-specific exposure assessment is required to determine whether a warning applies. See www.P65Warnings.ca.gov .		
Exposure Route	Potential consumer or occupational exposure depending on end use.		
Basis of Assessment	Representative Plai composition includes naturally occurring beta-myrcene.		
Threshold Reference	Final determination depends on formulation, use level, and exposure.		
Chemical	CAS	Listed For	Notes
beta-Myrcene	123-35-3	Cancer	Representative published midpoint approximately 1.27%; natural lots vary.
Country of Origin	The declared country of origin for this product is Thailand.		
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 in this document is obtained from current reliable references and product identity information and is provided to the best of our knowledge. It supports customer quality and regulatory review. Natural composition may vary, and the customer remains responsible for final suitability, exposure, formulation, and market compliance.		