

TAMARILIZ

CHEMICAL NAME: Tamarindus fruit extract

INCI NAME (*): Tamarindus Indica Fruit Extract | **CAS:** 84961-62-6 | **EINECS:** 284-651-8

Ingredient ⁽¹⁾	CAS number ⁽¹⁾	EINECS number ⁽¹⁾
Tamarindus Indica Fruit	-	-
Aqua	7732-18-5	231-791-2
Glycerin	56-81-5	200-289-5
Tartaric Acid	87-69-4	201-766-0
Pectin	9000-69-5	232-553-0
Tetrasodium EDTA	64-02-8	200-573-9
Sodium Benzoate	532-32-1	208-534-8
Potassium Sorbate	590-00-1 / 24634-61-5	246-376-1

(1) Reference: (<http://ec.europa.eu/consumers/cosmetics/cosing/index.cfm?fuseaction=search.simple>), CosIng, Europe.

Ingredient ⁽²⁾	CAS number ⁽²⁾	EINECS number ⁽²⁾
Tamarindus Indica Fruit	-	-
Water	7732-18-5	231-791-2
Glycerin	56-81-5	200-289-5
Tartaric Acid	87-69-4	201-766-0
Pectin	9000-69-5	232-553-0
Tetrasodium EDTA	64-02-8	200-573-9
Sodium Benzoate	532-32-1	208-534-8
Potassium Sorbate	590-00-1 / 24634-61-5	246-376-1

(2) Reference: Personal Care Products Council. Available at: (<https://incipedia.personalcarecouncil.org/winci/ingredient-custom-search/>) USA

MAIN CONSTITUENTS

The fruit of tamarind contains sugar (fructose, saccharose), organic acids (tartaric, citric, malic, succinic), pectin's, minerals, gums, amino acids, polyphenols, and pigments.

SPECIFICATION

Appearance (25°C)	: Colloidal solution, limpid to opalescent; deposits may occur.
Color	: Amber to ocher
Odor	: Characteristic
pH 100% (25°C)	: 2.0 – 4.0
Density (25°C)	: 1.030 – 1.090 g/cm ³
Refractive index (25°C)	: 1.330 – 1.390
Dry Residue (105°C, 4h)	: 5.0 – 30.0 %
Bacteria	: Max. 100 UFC/g
Moulds	: Max. 100 UFC/g

OTHER AVAILABLE DATA

Preservation	: Potassium sorbate (0.2%) and sodium benzoate (0.1%)
Identification	: Spectroscopy UV – according to standard
Solubility	: Soluble in propylene glycol, glycerin, and water

PROPERTIES AND APPLICATIONS

Conditioner, astringent, hydrating, smoothing, anti-free radial. Acts as hair cuticle straightener, improves hair gloss, capillary cohesion and provides frizz-reduction.

SUGGESTED DOSAGE

Shampoos, conditioners, straightening creams, combing creams: from 1 to 5%.

Body creams and lotions: from 1 to 3%.

STORAGE

Store dry and tightly closed. Protect from light.

Note: During storage it may get turbid and/or precipitate, but this will not invalidate the product.

SHELF LIFE

24 months from manufacturing date.

REFERENCES

1. *CosIng*, Europe (<http://ec.europa.eu/consumers/cosmetics/cosing/index.cfm?fuseaction=search.simple>)
2. Personal Care Products Council; *Online International Cosmetic Ingredient Dictionary & Handbook (wINCI)*; Copyright© 2008 Personal Care Products Council. Available at: <https://incipedia.personalcarecouncil.org/winci/ingredient-custom-search/>, USA. Accessed in: May. 22, 2023.