

Elastin Protein, Hydrolyzed

Product Information

Category

COS-076

Product Name

Elastin Protein, Hydrolyzed

Source

fish skin

Description

Hydrolyzed elastin protein obtained from fish skin and carefully monitored during its manufacture to ensure the lowest possible odor and a low ash. Elastin is a highly specialized elastic protein which is found in the connective tissue of the skin and blood vessels. Elastin is also an important load-bearing tissue and used in places where mechanical energy is required to be stored. pH value: 4.5-5.5. Contains 10-15% of protein. Specific gravity 1.04. Clear to slightly hazy yellow to medium amber liquid. Slight characteristic odor. Soluble in water. Preserved with benzylalcohol, potassium sorbate, and sodium benzoate.

INCI Name

Hydrolyzed elastin protein, benzylalcohol, potassium sorbate, sodium benzoate

Benefits

Revitalizes, nourishes and moisturizes the skin and improves the appearance of wrinkles and fine lines

Works best in firming/lifting and tightening applications

Gives skin and hair a protective layer

Rebuilds elastic strength to hair and reduces breakage

Effectively reduces hair damage from harsh chemicals

Appearance

White to light-yellow powder

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Solubility

Soluble in water.

Storage

Store in refrigerator.

Applications

Anti-aging and anti-wrinkle skin care products; hair care products including shampoos, hair conditioners, hair balms, and hair pomades.

Raw material source

Skin of codfish

Manufacture

The fibrous tissue of codfish skin is washed, purified and dried. The dried elastin fibers are then hydrolyzed for several hours until the target molecular weight is reached.

Animal Testing

Not animal tested

GMO

GMO free. Gluten-free.

CAS

100085-10-7, 100-51-6, 532-32-1, 24634-61-5

Use

Can be added to formulas as is; add to water-phase of formula. Recommended use level: 1-5%. Store in refrigerator. For external use only.

pH

4.5-5.5

Vegan

Elastin Protein, Hydrolyzed

No

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