

BIO MARINE ELASTIN

Hydrolyzed elastin from marine origin

INCI NAME:

Aqua (Water), Hydrolyzed Elastin.

DOSE OF USE:

1-10%

SOLUBILITY:

Hydrosoluble

PRESERVATIVE:

Paraben Free

COSMETIC USE:

- › Nutritive skin & hair preparations
- › Treatments to improve skin elasticity
- › Anti-age preparations
- › Repairing and regenerating products
- › Anti-wrinkle creams and gels

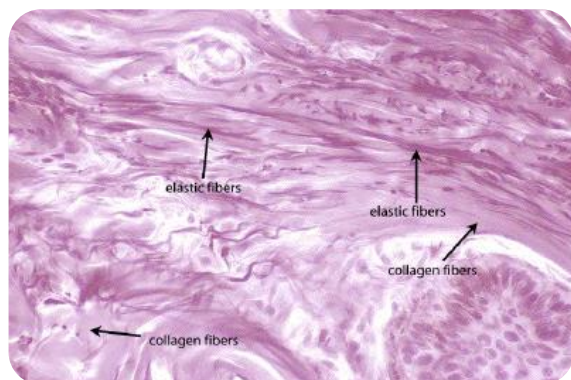
DESCRIPTION:

Elastin is the elastic protein of the connective tissue and ligaments. It is responsible of the elasticity and flexibility of the skin.

The cutaneous biochemical properties are directly conditioned by the composition and quality of the dermal connective tissue:

Dermis is made of scattered cells (fibroblasts) gathered in a polysaccharide matrix (fundamental substance), structured by collagen and elastin fibres. All of these substances are synthesized by dermal fibroblasts.

Collagen fibres are responsible of building a tight network while elastin fibres, which are characterized by a high extensibility, provides the link between the amino acids, making an even cross-linked area. The elastin is responsible for the elasticity and flexibility of the skin.



PROPERTIES:

BIO MARINE ELASTIN is extracted by enzymatic hydrolysis of insoluble connective tissues of particular species of fish. Thanks to a special hydrolysis process, the long protein chains are cut and transformed into small peptides, poly peptides and amino acids that can penetrate into the skin.

BIO MARINE ELASTIN contains the peptides and amino-acids of elastin, among them: ASPARTIC ACID, HYDROXYPROLINE, THEORINE, SERINE, GLUTAMIC ACID, PROLINE, GLYCINE, LYSINE, and ARGININE.

With BIO MARINE ELASTIN, we can offer to the skin the precursors (peptides and amino-acids) used by the fibroblasts to increase their synthesis of elastin, thus promoting the formation of new elastin for the skin.

- ✓ Supply of amino-acids and peptides to help increase its elastin synthesis
- ✓ Provides nutritive elements to the skin & hair
- ✓ Reinforces the cutaneous tonality & elasticity
- ✓ Promotes cutaneous strength and helps to reduce wrinkles
- ✓ Helps to stimulate hair's growth



N a t u r a l l y E f f e c t i v e