

Elastin Protein, Hydrolyzed

Specification Sheet

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.

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

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

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.

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

Country of Origin: USA

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.

Vegan: No