

HYDRO-MARINE COLLAGEN

Hydrolyzed Collagen for the skin

INCI NAME:

Hydrolyzed Collagen

DOSE OF USE:

2% to 10%

SOLUBILITY:

Soluble in water and glycols. Insoluble in oils

PRESERVATIVES:

Paraben free

COSMETIC USE:

HYDRO-MARINE COLLAGEN is recommended for cosmetic preparations designed for skin care, products for bath and shower as well as hair treatments, thanks to its outstanding properties:

- Strengthening of cutaneous elasticity
- Improvement of skin comfort
- Nutrition of the epidermis
- Slightly photo-protective
- Conditioning and filmogen for skin and hair
- Neutralize side effects of surfactants
- Makes the surface of the skin and hair softer and smoother

DESCRIPTION:

HYDRO-MARINE COLLAGEN is a marine complex obtained by partial hydrolysis of native collagen.

Native Collagen is a big proteinic molecule of a high molecular weight (around 300.000 Daltons) not capable of penetrating the epidermal barrier to reach the Dermis. It is only at the dermis where the collagen could have certain efficacy.

Knowing this fact, it is worth to apply on the skin **AMINO ACIDS and POLYPEPTIDES from native collagen**, known to be the real precursors of NATIVE COLLAGEN. Thanks to a **controlled manufacturing process**, the long protein chains are **cut into smaller peptides and amino-acids**, capable to penetrate the Stratum Corneum. They are the only ones likely of being found at the deeper layers of the epidermis. By this way, it is preferable to apply homologous biochemist elements from native collagen, which are the only ones that can be metabolized, if the skin needs them, instead of trying to artificially increase the collagen level.

PROPERTIES:

With age or premature aging, the collagen fibers start to reticulate and cross-link. This results in an alteration of its structure and physiochemical properties. The first wrinkles start to show-up.

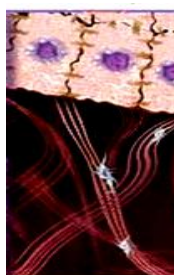
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HYDRO-MARINE COLLAGEN is particularly rich in amino acids and specific polypeptides



25 years skin



45 years skin



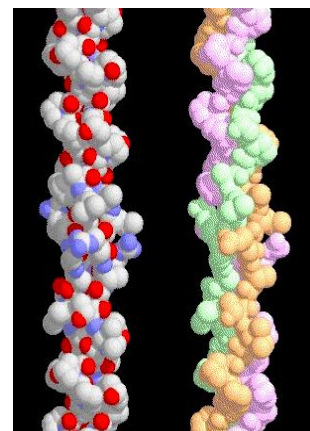
85 years skin

MAIN AMINO ACIDS:

Hydroxyproline: 7,50%
Glycine: 24,80 %
Proline: 9,50%
Alanine: 9,25%

PROTEINS: > 40 %

COLLAGEN PURITY: > 98%



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