

# BIO-MARINE COLLAGEN 6

## EXCEPCIONAL CONCENTRATION & HIGH PURITY

### INCI NAME:

SOLUBLE COLLAGEN

### DOSE OF USE:

FROM 0,5 TO 5 %

### SOLUBILITY:

HYDRO - SOLUBLE

### TOLERANCE:

EXCELLENT - PARABEN FREE

### SKIN BENEFITS:

- **Tensor effects** thanks to its film forming capability
- **Soother and softener**
- Improves **protection** against environmental damages
- **Moisturizer** because its hygroscopic capacity
- Supply of **amino-acids and poly-peptides**
- **Restructures and reinforces** morphology of micro relief

### DESCRIPTION:

BIO-MARINE COLLAGEN 6 is an active ingredient with an extraordinary high concentration of marine origin soluble collagen – from 5,00 to 7,00 % - It is also of high purity.

Collagen is the main component of the dermis. It is a fibrous protein which acts as a structural protein, holding the upper layers of the skin.

Collagen and Elastin are the skin proteins responsible for its elasticity, tone and texture.

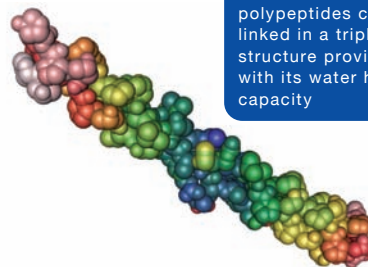
Collagen is one of the strongest proteins in nature and gives the skin its strength and durability.

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.

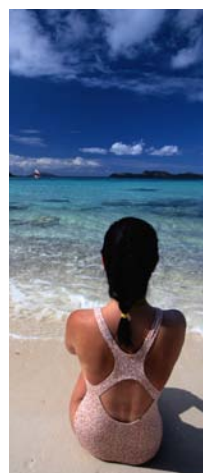
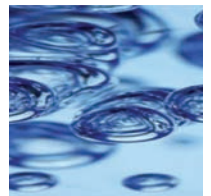
### PROPERTIES:

This collagen type has not undergone any modification in its initial structure, so it is kept as a long amino-acid chain with high molecular weight. This type of collagen has some very particular properties well known by cosmeticians such as:

1. It is filmogenic. The film of native collagen gets strongly fastened to the keratin layers of the skin and they have a high capacity for water retention.
2. Native collagen spread over the skin gives dry skin a smoother look, reducing the effect of the wrinkles and the exfoliation characteristic of aged skins.



The essential unit of collagen is constituted by three polypeptides chains cross-linked in a triple helix. This structure provides collagen with its water holding capacity



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