

Toner is key to a healthy and radiant skin, and a very important part of daily beauty routine.



Toner function is to normalize the skin pH that has been subjected to cleaning, re-balancing, refreshing, hydrating and preparing the skin in order to receive further treatment.

AQUAMARINE softens the skin and prevents impurities. Its content in marine collagen and minerals help retain skin's moisture, providing flexibility and endurance.

AQUAMARINE contains the following bio-functional active ingredients:

1) HAMAMELIS VIRGINIANA: Decongestant and antioxidant



El extracto de hamamelis se obtiene a partir de las hojas de Hamamelis virginiana L. Hamamelis tiene propiedades medicinales sobradamente conocidas. Entre sus propiedades cosméticas se encuentran las siguientes:

- **Activity on blood circulation**

This activity is due to the flavonoids content of hamamelis extract. Several tests demonstrated that hamamelis flavonoids have plebotonic, vasoprotective and capillarotropic effects, and that they reduce blood capillaries permeability. These effects are reinforced by the hamamelis leucoanthocyanidins.

- **Antimicrobial activity:** Due to its content in tannins and proanthocyanidins, it possesses bacteriostatic and antiviral properties (Alonso, J., 2004).
- **Antioxidant activity:** Its content in tannins, especially hydrolyzable tannins, and flavonoids inhibit lipid peroxidation.

2) PURIFIED MARINE COLLAGEN



It is a **very high concentration collagen, (5.00 to 7.00%)**, from marine origin high purity, with less than 1% of non-collagenous proteins.

Collagen is a fibrous protein, which is the main constituent of **connective tissue**. It is the most important protein in the human body, accounting for over 30% of total protein and 70% of skin proteins.

Native collagen in cosmetic preparations is not able to penetrate the skin. But thanks to the enzymes of the skin or via the sebaceous glands, it is possible to use fragments or to **assimilate the applied collagen**. Thus, the amino acids analogous to those normally found in the skin can be distributed and metabolized by fibroblasts.

The dermis is composed mainly of collagen, which acts on the skin as a structural protein.

- ✓ it has a **tensor effect** thanks to its ability to form a **protective film**. It is able to **smooth the skin lines giving a feeling of smoothness**. It also increases the **protection** of the skin against **environmental damage**.
- ✓ **Helps restore collagen in the dermis**, providing the fibroblasts with amino acids that are able to metabolize.
- ✓ **Strengthens the hydrolipid barrier**, maintaining hydration and skin tone.
- ✓ **The film-forming effect**, helping dry and mature skin to defend itself against environmental agent's attacks, especially against UV exposure.
- ✓ Increases tone and restructures the elastic surface morphology of skin microrelief.
- ✓ Due to its hygroscopic function, it has an important capacity of hydration and reparative and protective effects.

3) GRAPE FRUIT OIL

The main components of grapefruit are some volatile essences, carbohydrates, minerals, pectins and traces of some chemical elements and vitamins (B, C, A). The active ingredients present, such as carbohydrates, amino acids and alpha hydroxy acids, are responsible for its moisturizing effect and astringent action.

- ✓ For its vitamin C content, grapefruit has a high regenerative capacity, stimulating collagen synthesis activity. Vitamin C, (or L-ascorbic acid), acts as a cofactor for collagen synthesis. Vitamin C is essential for hydroxylation of proline therefore in the development and maintenance of collagen's integrity.

In addition, vitamin C acts decreasing the production of the extracellular matrix metalloproteinase enzyme, an enzyme which stimulates dermis collagen degradation.

Its stimulating activity on the collagen synthesis activity, provides vitamin C the property of healing wounds, cuts, burns, or surgery. Also it is suitable for the formation of new tissues.