

Inbiotec



EXCLUSIVE
CLINICAL COSMETICS

Inbioamber



IT Pharma
INNOVATING TECHNOLOGY PHARMA



Inbioamber



OBJECTIVE

In Inbioamber hyaluronic acid and succinic acid aims to provide intensive hydration and a rejuvenating effect on the skin. Hyaluronic acid is able to retain up to 1000 times its weight in water, which makes it a highly moisturizing ingredient for the skin. Succinic acid has antioxidant and anti-inflammatory properties that can help reduce the appearance of wrinkles and fine lines and improve skin texture and luminosity.

Medium molecular weight hyaluronic acid is the perfect vehicle for succinic acid as it helps to moisturize the dermis and promote a favorable environment for the skin's regenerative processes and stimulates fibroblast function to enhance collagen and elastin synthesis. For its part succinic acid stimulates the metabolic activity of dermal cells accelerating the dermal restructuring processes and thus achieving better skin quality.

INDICATIONS

01. Intensive and long-lasting hydration for the skin which makes it appear more supple and healthy.
02. Reduction of wrinkles and fine lines.
03. Skin brightening due to the antioxidant activity of succinic acid.
04. Powerful anti-inflammatory action.
05. Boosts collagen and elastin production.
06. Protection against pollution and free radicals.
07. Dermal regeneration of acne scars.

FORMULA**HYALURONIC ACID**

Hyaluronic acid is a glycosaminoglycan found in the ground substance of the dermis. It is a polysaccharide very anionic (it absorbs a large amount of water). Hyaluronic acid has a structural and functional role: hydration, elasticity, support and protection against mechanical and chemical damage. It is also a catalyst for healing.

Hyaluronic acid deteriorates in the body over the years, so we gradually notice a drier, aged and wrinkled skin.

PROPERTIES AND APPLICATIONS:

Hyaluronic acid is a macromolecule formed by the covalent and linear union of many thousands of disaccharide molecules (glucuronic acid/N-acetyl glucosamine), and can reach a very high molecular mass.

Some authors dare to consider that it could reach up to 100 million Da. Its synthesis is a consequence of the activity of a specific enzyme, called hyaluronan synthase, part of which is located on the inner side of the plasma membrane, although it releases hyaluronic acid directly into the extracellular space. The expression of hyaluronic acid is directly related to skin tissue remodeling during morphogenesis and wound healing.

SUCCINIC ACID

Succinic acid occurs naturally in amber stone. It is obtained through a process of extraction from the amber resin and subsequent purification of the acid.

This ingredient has antioxidant properties that can help prevent and fight free radical damage to the skin. Free radicals are unstable molecules that can damage cells and contribute to premature skin aging.

Succinic acid acts in the Krebs cycle, which is a metabolic process in which cells produce energy from nutrients. Succinic acid is converted to succinate in the Krebs cycle and, through a series of reactions, energy is produced for the cells. In addition, succinate has anti-inflammatory properties that can help reduce inflammation in the skin.

Succinic acid is a great ally against the process known as "inflammaging". This refers to aging related to chronic inflammation in the body. Chronic inflammation can contribute to premature skin aging and the appearance of wrinkles, blemishes and other signs of aging. Succinic acid has anti-inflammatory properties and can help reduce inflammation in the skin, which can help prevent inflammaging and keep skin looking healthy and youthful.

PROPERTIES AND APPLICATIONS:

Succinic acid has antioxidant, anti-inflammatory, antibacterial and moisturizing properties that can help improve the skin's appearance. It can reduce sebum production, improve skin texture and reduce the appearance of fine lines and wrinkles. It can also treat skin problems such as acne, rosacea and dark spots.

Treatments can be performed to improve acne scars due to its restructuring and regenerating activity as well as work on rosacea and dark spots due to its ability to accelerate microcirculation and oxygenation of the skin achieving a rejuvenated and radiant skin.