



Hydrasensyl® Glucan Green

Economic, multifunctional Beta-Glucan

Hydrasensyl® Glucan merges the beneficial properties of hyaluronic acid and collagen: The primary structure of this beta-glucan resembles hyaluronic acid, also consisting of a long chain of disaccharide units made of two glucose derivatives. This structure enables Hydrasensyl® Glucan to bind large amounts of water in the skin like a natural water-superabsorber. At the same time, the polysaccharide chains are intertwined to form a rope-like, highly resilient triple-helix like collagen. This 3D structure makes Hydrasensyl® Glucan highly stable and insensitive towards harsh formulation conditions. Besides its clinically proven skin smoothing and hydrating properties, it helps to quickly soothe erythema.

Product Description

Purified, crystal-clear solution of a native Beta-Glucan, providing short-term, long-term and persistent hydration, smoothing the skin and quickly reducing erythema.

Consumer Benefits

Moisturization

Feminine hygiene

Men Care

Soothing / Sensitivity decrease

Resurfacing

Calming



In Vivo

Reduction of UV-induced erythema

Short-term, long-term and sustainable hydration

Short-term, long-term and sustainable skin smoothness

In Vitro / In Tubo

Reduction of pro-inflammatory mediators

Clinical Study Results

Age of Volunteers: Volunteer panel >25

Results Time Scale: Immediate, 4 weeks, 24 hrs, 2 weeks

Tested Skin Area: Arms, Back

Nature of Active

Active Substance / Technology: (Poly)Saccharides, Bio-ferment, Biotechnology

Compliance: Listed in IECIC

Special Formulation Features: Low pH tolerant, High pH tolerant, Colorless, Cation compatible

Preservatives

Pentylene Glycol, Caprylyl Glycol

Recommended dose of use

1-5%

INCI

Water (and) Beta-Glucan

Form of Delivery

Liquid