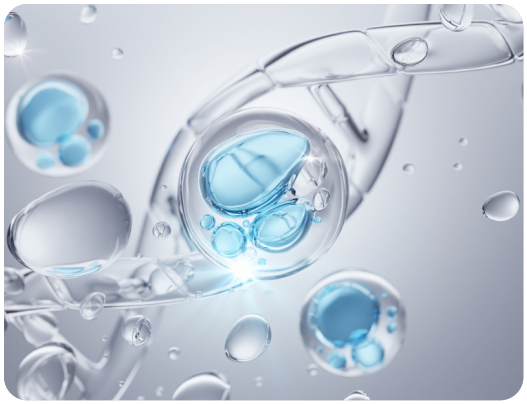
Oligo HA

Meteoric Cosmeceutiicals
Beauty Meets Brilliance in Biotech

Biotech Edge

Born from enzymatic biotechnology, Oligo Hyaluronic Acid is designed for transdermal precision and biological compatibility. With its optimized molecular size, it penetrates the skin's deeper layers, replenishing hydration reservoirs and supporting ECM integrity. The result is visibly firmer, smoother, and more elastic skin with hydration that performs at the molecular level powered by biotech design.



Oligo Sodium Hyaluronate is an advanced, low molecular weight derivative of hyaluronic acid that offers superior skin penetration and deep hydration. Derived from Sodium Hyaluronate—a high molecular weight, acidic mucopolysaccharide composed of repeating N-acetylglucosamine and D-glucuronic acid disaccharide units—it plays a crucial role in maintaining skin structure and moisture. Sodium Hyaluronate is a key component of both the intercellular matrix (ICM) and extracellular matrix (ECM), where it supports cell communication, tissue repair, and hydration balance. By breaking it down into smaller fragments, Oligo Sodium Hyaluronate can penetrate deeper into the skin, delivering moisture from within, enhancing elasticity, reducing the appearance of fine lines, and supporting the integrity of the ECM for healthier, more resilient skin.

PRODUCT DETAILS

INCI name:
Hydrolyzed Sodium Hyaluronate

Recommended dosage:
0.1%-0.2%

Appearance:
White or almost white powder or granules

Molecular weight: **3 K Da - 5 K Da & 5 K Da - 10 K Da**

Claims

- Promotes Skin Firmness and Youthful Radiance
- Enhances Transdermal Absorption for Optimal Efficacy
- Supports Cellular Repair and Regeneration
- Deeply Hydrates and Nourishes the Skin
- Visibly Reduces Fine Lines and Wrinkles
- Improves Skin Elasticity and Smoothness
- Provides Potent Antioxidant Protection
- Effectively Neutralizes DPPH Free Radicals

Please turn for more

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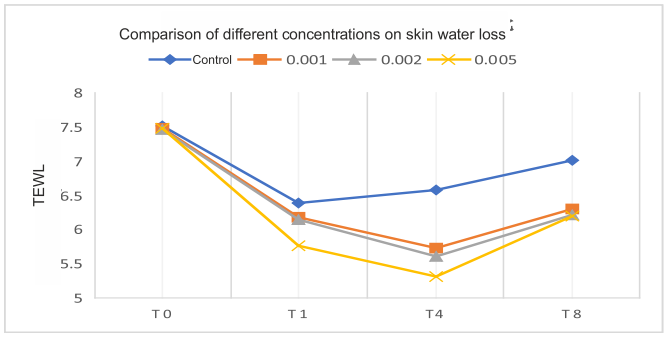
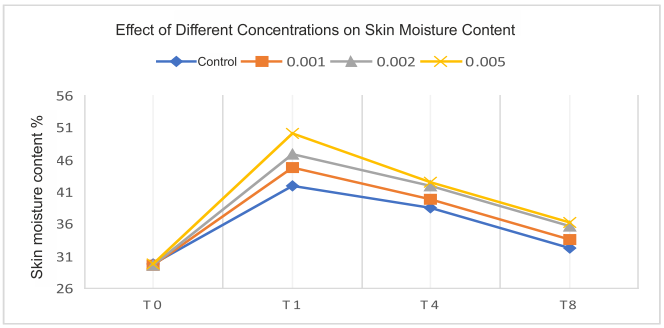
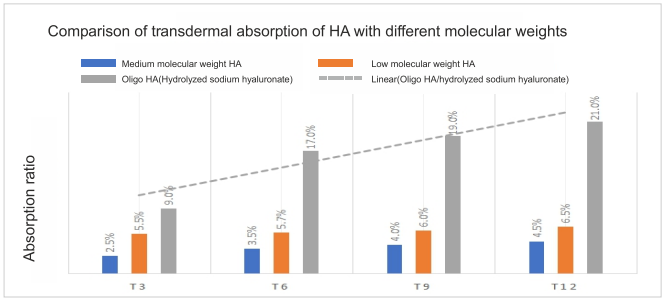
Efficacy Studies



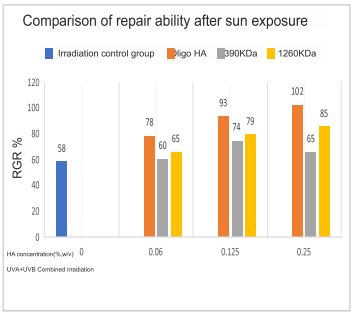
Description:The greater the amount added, the more obvious the effect of reducing skin moisture loss .

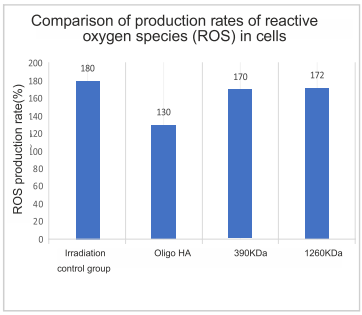


Description:The greater the amount added, the better the moisturizing effect.

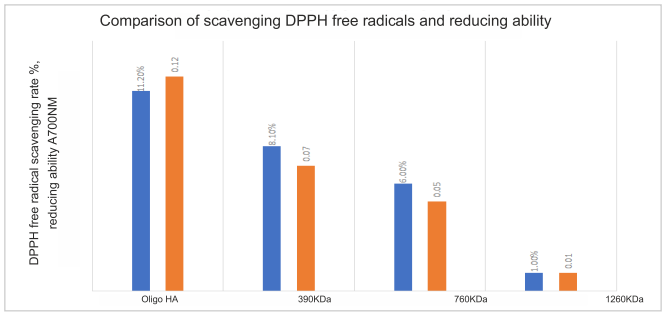


Description:Both hydrolyzed sodium hyaluronate and sodium hyaluronate (low molecular weight) penetrate into the skin. The skin penetration ability of hydrolyzed sodium hyaluronate is relatively strong, which is about five times that of low molecular weight hyaluronic acid, while the transdermal absorption effect of ordinary molecular weight sodium hyaluronate is poor.

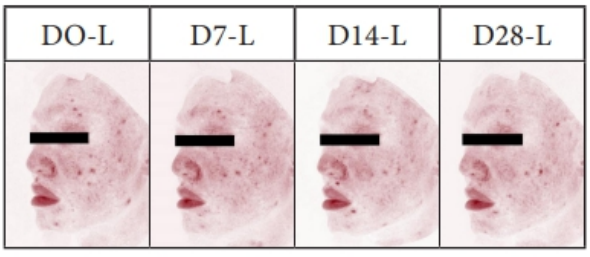




After UVA/UVB combined irradiation damage, the proliferation of HaCaT human epidermal keratinocytes and the production of intracellular reactive oxygen species free radicals ROS can be seen, and the repair effect of hydrolyzed sodium hyaluronate is obvious.



Description: Hydrolyzed sodium hyaluronate has remarkable DPPH free radical scavenging ability and reducing ability. In this experiment, the clearance rate was more than 10%, and the higher the molecular weight of HA, the weaker the clearance ability.



After using Oligo HA sample within 28 days, there is a significant repair efficacy on the acne area.

CERTIFICATION:

Verified by ECOCERT

COSMOS APPROVED