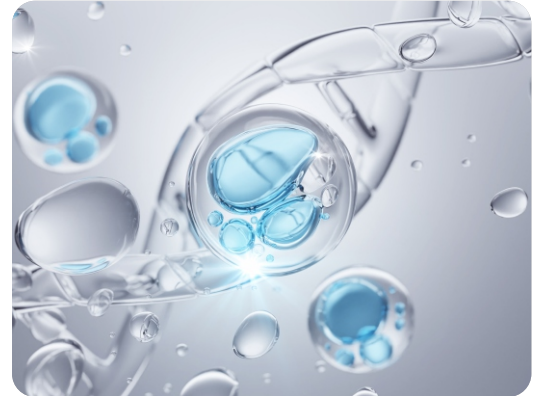


Oligo HA

(3KDa - 5KDa)

BIOTECH EDGE

Born from **enzymatic biotechnology**, Oligo Hyaluronic Acid is a low molecular weight derivative of sodium hyaluronate, optimized for deep skin penetration and biological compatibility. By reaching the dermal layers, it replenishes hydration reservoirs, supports extracellular matrix integrity, and enhances cellular communication and repair. This precision allows improved elasticity, smoother texture, reduced fine lines, and a resilient, hydrated complexion, delivering performance at the molecular level powered by biotech design.



PRODUCT DETAILS

INCI name:
**Hydrolysed
Sodium
Hyaluronate**

Appearance:
**White or almost
white powder
or granules**

Recommended Dosage:
0.1% – 0.5%

APPLICATIONS :



Anti-aging creams
and lotions



Barrier repair
formulations



Hydration
boosters



Dermocosmetic
regenerative formulations



Acne-prone or sensitive
skin treatments

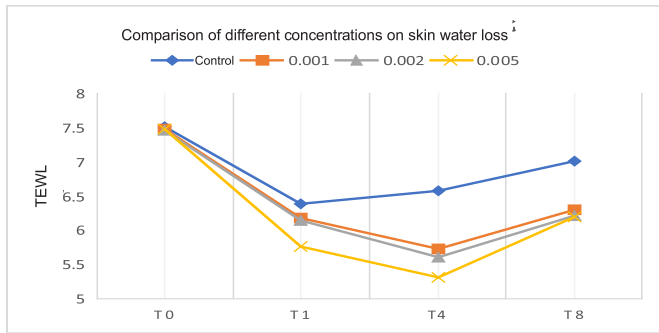
KEY FEATURES :

- Non-animal origin
- Suitable for cosmetic applications
- High skin compatibility
- Designed for deep skin hydration
- Supports skin repair and renewal

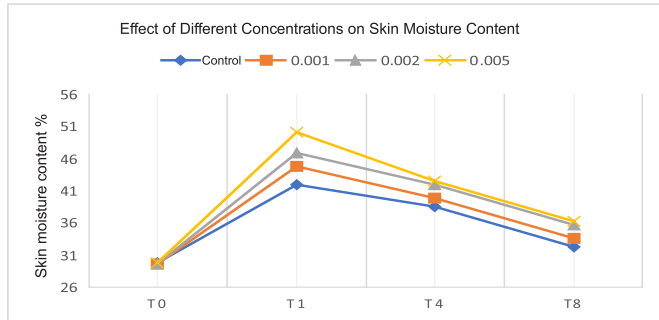
WHAT IT BRINGS TO YOUR FORMULATION :

- Strong molecular-level hydration performance
- Supports barrier repair and cellular regeneration
- Enhanced efficacy of co-formulated actives

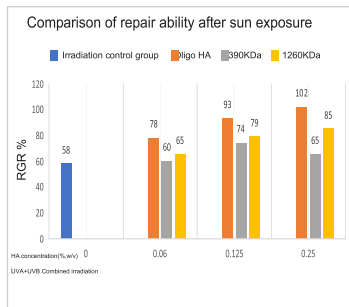
EFFICACY STUDIES :



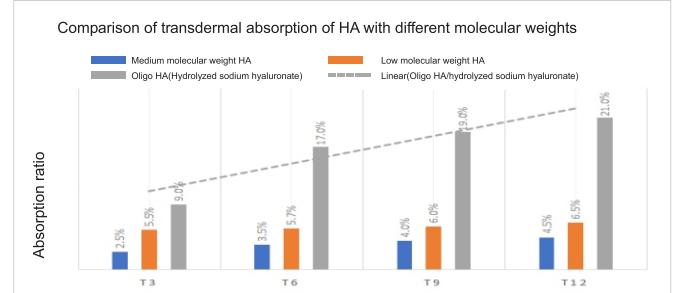
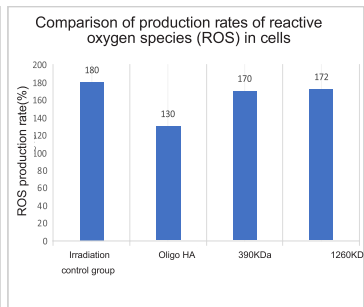
Description: The greater the amount added, the more obvious the effect of reducing skin moisture loss.



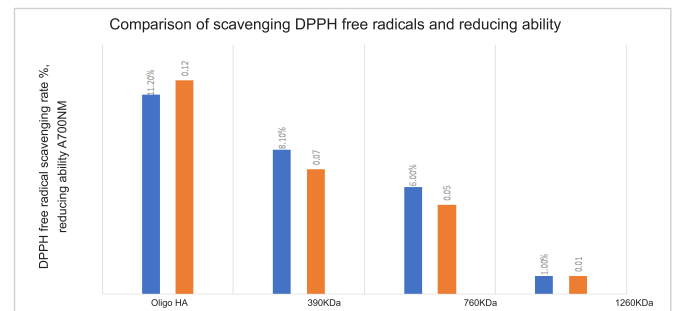
Description: The greater the amount added, the better the moisturizing effect.



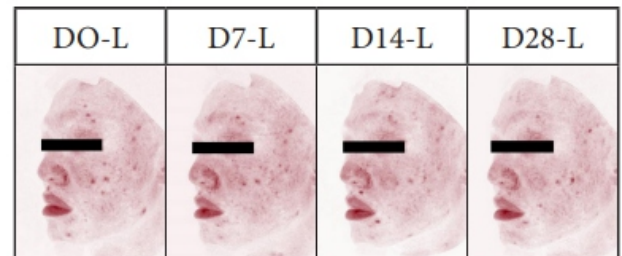
After UVA/UVB combined irradiation damage, the proliferation of HaCaT human epidermal keratinocytes and the production of intracellular reactive oxygen species free radicals ROS can be seen, and the repair effect of hydrolyzed sodium hyaluronate is obvious.



Description: 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.



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.

CLINICALLY PROVEN BENEFITS :

- Significant repair efficacy on acne-prone areas after 28 days
- Improved skin hydration and barrier function
- Enhanced firmness and elasticity
- Visible reduction of fine lines and wrinkle depth
- Supports cellular renewal and antioxidant protection