

HYALO-OLIGO

Penetrating into horny layer of  
your skin with its nano-size

# Surprisingly moisten your skin

HYALO-OLIGO® is a hyaluronic acid  
with extra-low molecular weight  
— average less than 10,000 Da —

HYALO-OLIGO®

- Ecocert approved
- Uniquely low molecular weight
- Nano-sized particles that allow it to penetrate the stratum corneum
- Long-lasting moisture retention
- Suitable for use in a variety of skin care applications
- Derived from non-animal sources

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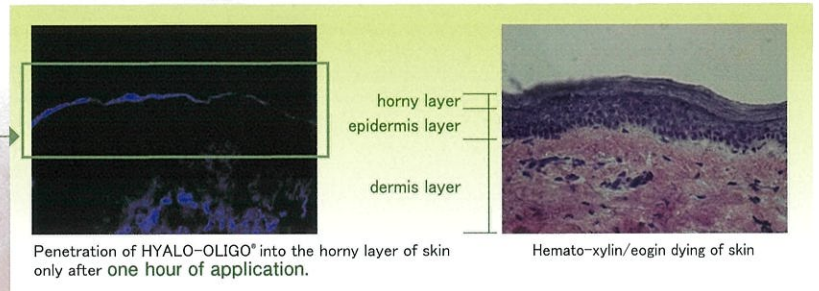
# HYALO-OLIGO®

penetrates into horny layer of the skin,  
and retains moisture in it for a long time

## 1 Penetration into horny layer of the skin

As the result of the penetration test in human skin, fluorescence characteristic to HYALO-OLIGO® has been detected in horny layer of the skin.

This verifies that HYALO-OLIGO® penetrates into horny layer of the skin.



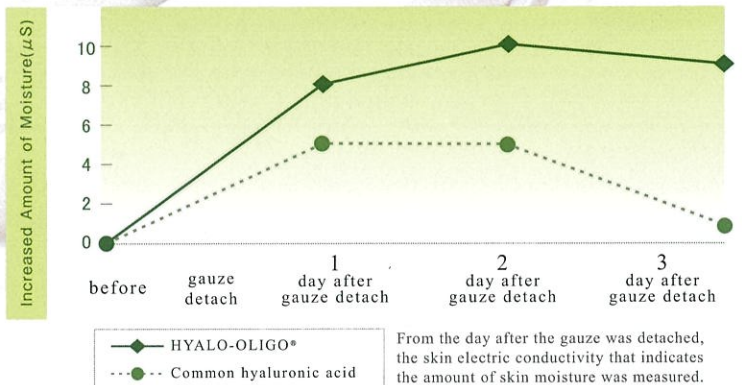
## 2 High capacity of water-holding

The gauze soaked in 1% solution of HYALO-OLIGO® was attached to the human skin for 24 hours.

(Control: 1% solution of common hyaluronic acid)

After the gauze was detached, the skin electric conductivity indicating the amount of skin moisture was measured at three points, namely

1 day after detaching gauze (right 1), 2 days after (right 2), 3 days after (right 3).



## 3 Long lasting moisture in the skin

The gauze soaked in 1% solution of HYALO-OLIGO® was attached to the human skin for 8 hours×3 days.

After this application, the skin electric conductivity indicating the amount of skin moisture was measured

at three points, namely 1 day after the application (right 1d), 2 days after (right 2d), 3 days after (right 3d).

