



Zinc Hydrolyzed Hyaluronate

Material Submission Code:
008815-00507-1049

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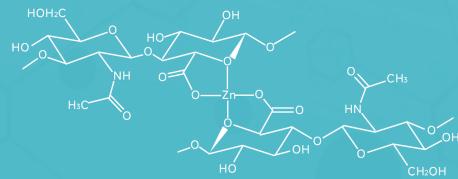
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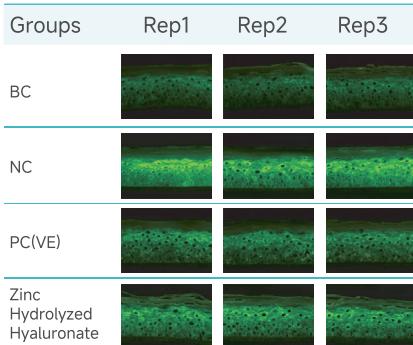
INCI NAME: Zinc Hydrolyzed Hyaluronate

MOLECULAR FORMULA: $(Zn(C_{14}H_{20}NO_{11})_2)_n$

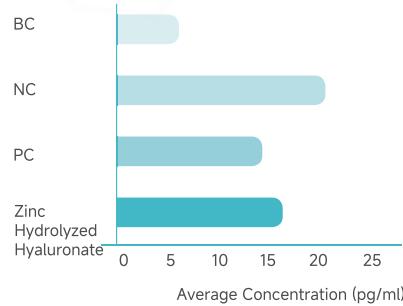


PRODUCT EFFICACY

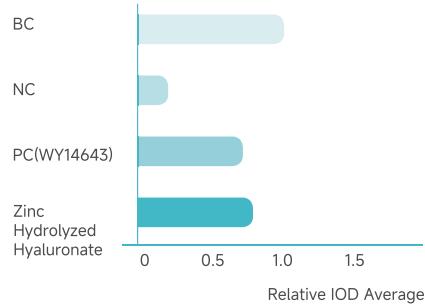
Antioxidant Effect



Soothing Effect



Repairing Effect



This test was based on 3D epidermal skin model (EpiKutis[®]) to evaluate the antioxidant function of the tested samples by detecting the changes of reactive oxygen species (ROS) content.

Compared with the control group, the content of inflammatory factor (IL-1 α) in the experimental group was significantly decreased, with the inhibition rate of 26.52%, indicating that Topscience's Zinc Hydrolyzed Hyaluronate can inhibit the secretion of inflammatory factor and has a soothing effect.

Compared with the control group, the content of filaggrin (FLG) in the experimental group was significantly increased with the increase rate of 195.45%, indicating Topscience's Zinc Hydrolyzed Hyaluronate can reduce the number of sunburn cells, increasing the content of filaggrin (FLG) with repairing effect.



APPLICATION

Mainly applied in cosmetics, such as lotions, creams, and sunscreens.



PACKAGE AND STORAGE

1. 100g/bottle, packaged in medicinal-grade high-density polyethylene bottles.
2. 1kg/bag, 5kg/bag, packaged in medicinal-grade low-density polyethylene bags with aluminum foil lining.
3. In an airtight container, protected from light and humidity, 2-8°C.