Creative Enzymes®

Hydrolyzed Sodium Hyaluronate

Cat. No. CEFX-346

Lot. No. (See product label)

Introduction

Description	Hydrolyzed sodium hyaluronate is a new product developed by using biological enzyme degradation and put into industrial production, its molecular weight is 3000Da-5000Da, which is easier to be absorbed by the skin, and it has the effect of deep moisturizing. At present, the main production method of hydrolyzed sodium hyaluronate is chemical degradation method, the reaction conditions are violent, which will cause part of the destruction of the molecular structure of sodium hyaluronate. The enzyme digestion method produces hydrolyzed sodium hyaluronate, the reaction conditions are mild, and the molecular weight fragments obtained by degradation are structurally complete. Since the molecular weight of sodium hyaluronate is less than 5kDa, the average size is less than 25nm, and the cell gap is about 40-50nm, it is easier to penetrate into the deeper layers of the skin than ordinary molecular weight hyaluronic acid.
Applications	It can be widely used in anti-aging, sunscreen, moisturizing cosmetics, such as face masks, essence, sunscreen, eye cream, air cushion cream, spray, frozen in the powder.

Product Information

Appearance	White powder
Function	Deep moisturizing: Hydrolyzed sodium hyaluronate can be absorbed transdermally, quickly hydrate with epidermal cells, locking and replenishing water in the deeper layers of the skin, increasing the moisture content of the skin. Nutritional skin, repair damaged cells: Hydrolyzed sodium hyaluronate can repair damaged cells, improve cell activity, promote wound healing. Applied in skin care products can repair damaged cells, make the skin smooth, moist and elastic. Scavenging free radicals, antioxidant and anti-aging: Sodium Hydrolyzed Hyaluronate has the ability to scavenge free radicals and restore the ability to scavenge reactive oxygen radicals (such as DPPH free radicals) generated by radiation and UV irradiation, reducing the formation of melanin, sunscreen, whitening, anti-aging.

Storage and Shipping Information

Storage	Keep in a cool and dry place.