



# HENGXIN HYDROLYZED COLLAGEN

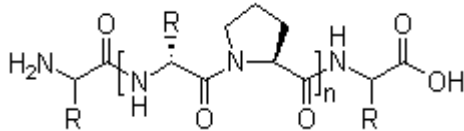


## PRODUCT DESCRIPTION

Hengxin Hydrolyzed collagen is extracted from fresh fish skin or fish scale. It is rich in kinds of amino acids and very easy to absorb. Its instant solubility makes it easy to use in a wide range of applications such as functional foods and beverages, healthy and nutritional bars or cosmetics.

Physical and chemical characteristics, instant solubility (wettability and dispersability) and packaging are strictly controlled to meet Hengxin stringent standards.

胶原蛋白CAS号: 9064-67-9, 胶原蛋白分子式:  $C_4H_6N_2O_3R_2 \cdot (C_7H_9N_2O_2R)_n$ , 其分子结构式如下:



PRODUCT CHARACTERISTICS		
PARAMETER	SPECIFICATION	TEST METHOD
Appearance	White flowing powder	eyeballing
Odor	None or few special odor	scent
pH	5.0-6.5	6.67% 45°C
Protein content	≥90%	Kjeldahl Method
Moisture	≤8.0 %	17h,105°C
Molecular Weight	800-2000Da	HPLC
bulk density	0.30-0.4g/cm <sup>3</sup>	Graduated cylinder
RESIDUE LIMITS		
Ash content	≤2.0 %	17h,550°C
Arsenic	≤1.0ppm	AAS
Cadmium	≤0.5ppm	AAS
Chromium	≤2.0ppm	AAS
Copper	≤30ppm	AAS
Mercury	≤0.15ppm	AAS
Lead	≤5.0ppm	AAS
Zinc	≤50ppm	AAS
Sulfites ( SO <sub>2</sub> )	≤50ppm	U.S.P./ N.F.
Microbial limits		
Total Bacteria count	≤1000cfu/g	U.S.P./ N.F.
Coliforms	<10 cfu/g	U.S.P./ N.F.
E.coli	negative in10g	U.S.P./ N.F.
Yeast & Mold	≤25cfu/g	U.S.P./ N.F.
Salmonella	Negative/50g	U.S.P./ N.F.
Staphylococcus aureus	Negative/25g	U.S.P./ N.F.
Pseudomonas aruginosa	Negative/25g	U.S.P./ N.F.

## REGULATORY STATUS

Hengxin Hydrolyzed collagen complies with most international edible regulations

However, we recommend that the customer ensures that this product is in compliance with local regulation in force, particularly in the countries, where the finished product is to be consumed.

## STORAGE

Store away from heat and moisture, preferably below 25(77°F) and below 65% relative humidity.

This product, when stored in the previously mentioned conditions and in its original unopened packaging, will maintain its initial properties for at least 3 years.

## PACKING

20kg/ bags

