

Hydrolysed Fish Collagen

HydroCollix™ Fish

Water-soluble collagen peptide powder derived from tilapia fish skin for nutrition, food, beverage and personal care formulations.

CAS No.	9007-34-5
Source	Tilapia fish skin
Physical form	Off-white powder
Average molecular weight	Approximately 1,000 Da
Solubility	Water soluble

Product Information

Hydrolysed fish collagen is obtained from tilapia fish skin through pretreatment and hydrolysis. The material consists of collagen peptide components and is supplied as an off-white, water-soluble powder with an average molecular weight of approximately 1,000 Da.

The published specification includes particle fraction, ash, fat, moisture and microbiological parameters. Nutritional values are expressed per 100 g of product and calculated from the product specification; protein is calculated using the nitrogen conversion factor $N \times 5.55$. The powder is used as an ingredient in nutrition products, foods, beverages and personal care formulations.

Specifications

Parameter	Specification
Particle fraction <0.35 mm	95%
Ash	≤2%
Fat	2.5 ± 0.5%
Moisture	≤8%
Energy	1,690 kJ / 399 kcal per 100 g
Protein ($N \times 5.55$)	92.5 g/100 g
Carbohydrate	1.5 g/100 g
Total bacterial count	<1,000 CFU/g
Yeast and mould	<100 CFU/g
Salmonella	Absent in 25 g
Escherichia coli	<10 CFU/g

Typical values. The COA of each batch prevails.

Nutritional values per 100 g, calculated from the product specification.

Typical Properties & Commercial Information

Brand	HydroCollix [™] Fish
Supply	5,000 MT/year
MOQ	500 kg
Lead time	Approximately 14 days
Free sample	500 g
Incoterms	FOB / CFR / CIF
HS code	3504.00

Free sample: up to 500 g. Courier cost payable or use your courier account.

Applications

Nutrition powders and supplements: Ingredient for collagen powders, sachets and blended nutrition products. Assess blending uniformity and the protein contribution using the declared product specification.

Food and beverage formulations: Water-soluble collagen peptide ingredient for foods, drinks and beverage premixes. Evaluate dissolution, flavour, processing conditions and fish allergen labelling for the intended formulation.

Personal care formulations: Fish-derived protein hydrolysate ingredient for aqueous personal care systems. Evaluate incorporation, appearance, compatibility and stability in the finished formulation.

Packaging & Storage

Packaging	20 kg/bag; kraft paper bag with inner liner
Storage	Store in a dry place, protected from moisture and direct sunlight.
Shelf life	2 years in unopened original packaging.
Handling	Avoid airborne dust during weighing and transfer. Keep bags closed and reseal promptly after opening.

Certifications & Documents

ISO 9001 · ISO 22000 · HACCP · KOSHER · FSSC 22000 · GMP · HALAL

A batch Certificate of Analysis (COA) accompanies the shipment. Technical Data Sheet (TDS), Safety Data Sheet (SDS) and certificate of origin are available for product identification, handling and import documentation.

Company Contact

Supplier: Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)

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The agreed purchase specification and the COA of each batch govern supply.