



## PEPTAN® F 2000 HD

### FISH COLLAGEN PEPTIDES

#### Product description

Peptan® fish collagen peptides are a type I collagen of food grade-quality. This bioactive ingredient of natural origin has been designed for use in nutraceutical products. Peptan's excellent organoleptic properties and instant solubility allow for easy use in a wide range of health and nutrition applications(\*) including functional foods and beverages, bars and dietary supplements.

Physical and chemical characteristics, instant solubility, organoleptic properties and packaging are strictly controlled to meet Rousselot's stringent quality and food safety standards.

Peptan® carries GRAS status.

(\*) It should not be construed as a guarantee of suitability for a particular application.

(\*\*) Test method used depends on the country of production of the collagen peptides.

(\*\*\*) GME, Gelatine Manufacturers of Europe – GMIA, Gelatin Manufacturers Institute of America.

#### Physical/chemical/microbial limits

Standard parameters	Specifications	Test Method **
<b>Typical average Molecular Weight</b>	2000 Da	Rousselot
<b>Protein content</b>	≥ 90%	Rousselot
<b>Viscosity (20%, 25°C)</b>	2.0-4.0 mPa.s	GME***
<b>pH</b>	5.0-6.5	GME
<b>Loss on drying</b>	≤ 10%	GME
<b>Residue on ignition</b>	≤ 2.0%	GME
<b>Color</b>	≤ 2.5 Helliges	Rousselot
<b>Clarity</b>	≤ 10 NTU	GME
<b>Particle size</b>	≥ 95% below 425 µm (40 mesh) ≤ 15% below 75µm (200 mesh)	ASTM ASTM
<b>Bulk density</b>	0.40-0.55 g/cm <sup>3</sup>	Rousselot
<b>Residue limits</b>		
Arsenic	≤ 1.0 ppm	GME
Cadmium	≤ 0.5 ppm	GME
Chromium	≤ 10 ppm	GME
Copper	≤ 30 ppm	GME
Mercury	≤ 0.10 ppm	GME
Lead	≤ 3.0 ppm	GME
Zinc	≤ 50 ppm	GME
Sulfites (SO <sub>2</sub> )	≤ 10 ppm	GME
Peroxides	≤ 10 ppm	Rousselot
Microbial limits	Specifications	Test Method **
Total aerobic microbial count	≤ 1000 CFU/g	GME
E. coli	Absence in 10 g	GME
Salmonella	Absence in 25 g	GME
Anaerobic sulfite-reducing spores	≤ 10 CFU/g	GME

A world of health benefits

**Rousselot**  
Health & Nutrition

**DARLING**  
INGREDIENTS

## Labeling information

Possible labeling: fish collagen peptides or fish hydrolyzed collagen

## Packaging

Paper bag with PE inner liner: 15 kg  
Pallet weight: 900 kg

## Storage information

Store away from heat and moisture. This product, when stored in the previously mentioned conditions and in its original unopened packaging, will maintain its initial properties for at least 5 years.

## Regulatory status

Peptan® F 2000 HD complies with most international edible regulations in force at the date of issue of this datasheet, including the European Regulations (EC) N°853/2004 and N°2073/2005, and the European regulation (EC) N°629/2008 on contaminants (dietary supplements).

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.

## Rousselot Health & Nutrition

As Rousselot's strategic segment dedicated to health and nutrition, we are committed to develop innovative ingredients answering today's demand for solutions offering proven efficacy, full safety and premium quality. Our customers can rely on best-in-class products, backed by trusted science as well as on our expert support in formulation, product development and regulatory advice. Our range of products includes Peptan®, the leading collagen peptide brand worldwide, Peptan® II<sub>m</sub> and ProTake™, and offers "A world of health benefits" for a healthier tomorrow.

## Produced by

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## Nutritional information For 100 g\*

<b>Protein</b>	90 g
<b>Total fat</b>	0 g
<b>Carbohydrates</b>	0 g
<b>Fiber</b>	0 g
<b>Sodium**</b>	110 mg
<b>Converted to salt</b>	0.27 g
<b>Vitamins</b>	0 g
<b>Minerals</b>	
Potassium	20 mg
Calcium	200 mg
Magnesium	20 mg
<b>Energy</b>	1530 kJ /360 kcal

(\* ) The values given in the present datasheet are based on our best knowledge at the time of printing. They are calculated on the basis of average values obtained from our measurements or from the literature. These values are given for information only and cannot be considered as specifications. They do not constitute a guarantee as to the properties of the products

(\*\* ) Sodium does not come from added salt but is a component of the collagen peptides.