



PEPTAN® F 2000 LD

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 ** |
|---|---|----------------|
| Typical average Molecular Weight | 2000 Da | Rousselot |
| Protein content | ≥ 90% | Rousselot |
| Viscosity (20%, 25°C) | 2.0-4.0 mPa.s | GME*** |
| pH | 5.0-6.5 | GME |
| Loss on drying | ≤ 10% | GME |
| Residue on ignition | ≤ 2.0% | GME |
| Color | ≤ 2.5 Helliges | Rousselot |
| Clarity | ≤ 10 NTU | GME |
| Particle size | ≥ 95% below 1000 µm (18 mesh) ≤ 10% below 75 µm (200 mesh) | ASTM ASTM |
| Bulk density | 0.25-0.39 g/cm ³ | Rousselot |
| Residue limits | | |
| 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 ₂) | ≤ 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 |

Labeling information

Possible labeling: fish collagen peptides or fish hydrolyzed collagen

Packaging

Paper bag with PE inner liner: 15 kg
Pallet weight: 750 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 LD 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® IIm and ProTake™, and offers a "A world of health benefits" for a healthier tomorrow.

Produced by

Rousselot Angoulême S.A.S.
Rue de Saint Michel à Angoulême – 16000 Angoulême – France
Tel: + 33 (0)5 45 64 22 22 Fax: + 33 (0)5 45 64 22 23

Nutritional information For 100 g*

| | |
|--------------------------|----------------------|
| Protein | 90 g |
| Total fat | 0 g |
| Carbohydrates | 0 g |
| Fiber | 0 g |
| Sodium** | 110 mg |
| Converted to salt | 0.27 g |
| Vitamins | 0 g |
| Minerals | |
| Potassium | 20 mg |
| Calcium | 200 mg |
| Magnesium | 20 mg |
| Energy | 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.