

PEPTAN® B 2000 LD

Bovine Collagen Peptides

PRODUCT DESCRIPTION

Peptan® bovine collagen peptides are a food grade, high-purity, natural bioactive ingredient 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 (wettability and dispersibility), organoleptic properties and packaging are strictly controlled to meet Rousselot's stringent quality and food safety standards.

Peptan® carries GRAS status.

(*) Test method used depends on the country of production of the gelatin

(**) 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
Color	≤ 3.5 Helliges	Rousselot
Clarity	≤ 10 NTU	GME
Loss on drying	≤ 10 %	GME
Particle size	≥95% below 1000µm (18 mesh) ≤10% below 75µm (200 mesh)	ASTM ASTM
Bulk density	0.25-0.39 g/cm ³	Rousselot
Residue limits		
Residue on ignition	≤ 2.0 %	GMIA **
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		
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



Collagen Peptides for a Healthy Lifestyle

PRODUCED AND MARKETED BY ROUSSELOT

Peptan®

DARLING
INGREDIENTS

LABELLING INFORMATION

Possible labelling: collagen peptides or hydrolyzed collagen

P.S. For consumer information bovine collagen peptides or bovine hydrolyzed collagen labelling may be used when appropriate

PACKAGING

Paper bag: 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® B 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

Rousselot is the global leader¹ of gelatin and collagen peptides. We work in partnership with our customers all over the world, delivering innovative and advanced ingredient solutions manufactured through state of the art operations.

We help our customers achieve their goals, enabling them to create world class pharmaceutical, food and nutritional products to inspire and excite today's demanding consumers.

Rousselot is a brand of Darling Ingredients Inc.

^[1] Global Industry Analysts, Inc., Gelatin, A Global Strategic Business report, Nov 2018

PRODUCED BY

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NUTRITIONAL INFORMATION*

For 100 g

Protein	90 g
Total fat	0 g
Carbohydrates	0 g
Fiber	0 g
Sodium**	420 mg
Converted to salt	1.05 g
Vitamins	0 g
Minerals	
Potassium	1 mg
Calcium	30 mg
Magnesium	0 mg
Energy	1530 kJ /360kcal

(*) 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 gelatin.

Amino-acids	Typical g AA/100g Protein
Alanine	9.0
Arginine	7.9
Aspartic acid	5.5
Glutamic acid	10.0
Glycine	21.9
Histidine ¹	1.5
Hydroxylysine	1.3
Hydroxyproline	11.2
Isoleucine ¹	1.5
Leucine ¹	2.9
Lysine ¹	3.6
Methionine ¹	0.8
Phenylalanine ¹	2.4
Proline	13.0
Serine	3.2
Threonine ¹	1.8
Tyrosine	0.3
Valine ¹	2.4

¹ Essential amino-acids

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