

## PRODUCT SPECIFICATION

Porcine Collagen Peptides or Hydrolyzed Collagen.

### DESCRIPTION

The Hydrolyzed Collagen is a pure protein obtained through enzymatic hydrolysis of raw material full of collagen. The strict process of enzymatic hydrolysis results in a non-gelling product, fast dissolution in cold water, fast absorption by the organism and source of protein in human nutrition without cholesterol, sugars, additives and preservatives.

### APPLICATIONS

Hydrolyzed Collagen is specially produced for food and pharmaceutical applications, nutraceutical products as well as cosmetics. It incorporates protein in the final products ideal for beverages, functional food, dietetic products, personal care products.

### SPECIFICATIONS

Physical-Chemical Parameters	UOM	Min.	Max.	Method
Protein*	%	90	-	Kjedahl
Viscosity (20%)	mPs	20	50	GMIA/GME
Moisture	%	-	8,0	GMIA/GME
Ash	%	-	2,0	GMIA/GME
pH	N/A	5,0	6,5	GMIA
Sulfur Dioxide	ppm	-	10	GME
Hydrogen Peroxide	ppm	-	10	GME
Arsenic*	ppm	-	0,8	AOAC
Chromium*	ppm	-	2,0	AOAC
Cadmium*	ppm	-	0,5	AOAC
Zinc*	ppm	-	30	AOAC
Copper*	ppm	-	30	AOAC
Lead*	ppm	-	1,5	AOAC
Mercury*	ppm	-	0,15	AOAC
Appearance	-	Soft yellow powder	-	-

Microbiologic Tests	UOM	Specification Limit	Method
Aerobic Plate Count	/1g	1000	USP
E.coli	/10g	Negative	USP
Salmonella sp	/25g	Negative	USP

\*Marked parameters are analyzed according to the periodic analyses plan.

### STORAGE CONDITION

This product is stable when stored in dry place on room temperature.

### SHELF LIFE

5 years from production date when stored in the previously mentioned conditions.

### PACKAGING

15Kg or 20Kg net weight bag, packed in polyethylene lined kraft paper bags.

## NUTRITIONAL INFORMATION

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Amount for portion	100grams
Energy	366Kcal – 1538kJ
Carbohydrates	0 g
Protein	90 g
Total fat	0 g
Saturated Fat	0 g
Trans Fatty Acids	0 g
Total Dietary fiber	0 g
Sodium	≤500mg

IT DOES NOT CONTAIN GLUTÉN

## AMINO ACID COMPOSITION

Amino-acids	PORTION – 100 grams
Alanine	8,49g
Arginine	8,18g
Aspartic acid	5,65g
Glutamic acid	9,50g
Glycine	23,10g
Histidine*	0,63g
Hydroxylysine	0,50g
Hydroxyproline	9,90g
Isoleucine*	1,14g
Leucine*	2,85g
Lysine*	3,94g
Methionine*	0,82g
Phenylalanine	1,87g
Proline	13,80g
Serine	3,30g
Theorine*	1,73g
Tyrosine	0,75g
Valine*	2,49

\*Essential amino-acid