

POOFY ORGANICS

Technical Specification

Multi-Collagen

This non-gelling protein is composed of Clean Collagen® Bovine Collagen (Types I & III), Clean Marine® Wild Caught Marine Collagen (Types I & III), Eggshell Membrane (Types V & X), Bovine Collagen (Type II) and is designed for use in drink applications due to its exceptional organoleptic traits and solubility.

STANDARD LIMITS	SPECIFICATION	UNITS	METHOD
pH	5.0 - 7.5		10% Sol. GMIA
Ash	≤ 2.5	%	USP/NF
Loss on Drying /Moisture	≤ 10.0	%	USP/NF
Bulk Density	0.25 - 0.45	g/ml	CCL-009
Solubility	Soluble in cold water	Visual	CCL-004
Protein - As Provided	≥ 89	%	AOAC (n=5.55)
Molecular Weight	≤ 5,000	Da	HPLC
Appearance	Off white agglomerated powder		Visual
Identification	Pass		FCC

MICROBIAL PARAMETERS

Total Plate Count	≤ 1000	cfu/g	BAM
E. coli	Negative		BAM
Salmonella	Negative		BAM
Yeast & Mold	≤ 100		USP/NF

CHEMICAL ANALYSIS

Lead	≤ 1.5	mg/kg	AOAC
Chromium	≤ 10.0	mg/kg	AOAC
Sulfur Dioxide (SO ₂)	≤ 0.005	%	AOAC



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Nutritional Information

TYPICAL VALUES PER 100g

Protein:	91	Calorie Content:	380 cal
Calcium:	21 mg	Carbohydrates:	2 g
Cholesterol:	0 g	Iron:	≤ 2 mg
Fats:	0 g	Sodium Content:	430 mg
Potassium	2 mg	Added Sugars:	0 g
Sugars	0 g	Total Dietary Fiber:	0 g
Vitamin A:	0 mg	Vitamin D:	0 mg
Vitamin C:	0 mg		

Amino Acid Profile per 100g

AMINO ACID	AVG. MG	% BY WEIGHT	AMINO ACID	AVG. MG	% BY WEIGHT
Alanine	9,200	8.0 - 10.4	Arginine	8,200	7.2 - 9.2
Aspartic Acid	5,050	3.1 - 7.0	Cystine	90	0.03 - 0.15
Glutamic Acid	10,800	10.0 - 11.6	Glycine	19,850	12.2 - 27.5
Histidine*	650	0.4 - 0.9	Hydroxylysine	1,100	0.8 - 1.8
Hydroxyproline	14,500	12.0 - 17.0	Isoleucine*	1,450	1.1 - 1.8
Leucine*	300	2.5 - 3.5	Lysine*	4000	3.4 - 4.6
Methionine*	1,050	0.6 - 1.5	Phenylalanine*	2,050	1.6 - 2.5
Proline	14,150	12.6 - 15.7	Serine	3,300	2.3 - 4.3
Threonine*	1,900	1.1 - 2.7	Tyrosine	600	0.2 - 1.0
Valine*	2,700	2.0 - 3.4			

*Indicates essential amino acids

Composition:

Clean Collagen® Bovine Collagen (Types I & III), Clean Marine® Wild Caught Marine Collagen (Types I & III), Eggshell Membrane (Types V & X), Bovine Collagen (Type II).

Storage & Shelf Life - Store in a tightly sealed container in normal indoor conditions protected from heat and moisture. Shelf life is 2 years from the date of manufacture.

Packaging & Labelling - Standard packaging

Regulatory - This food grade material meets the requirements of the Food Chemical Codex (FCC) and is sold, shipped, produced, and stored under cGMP as defined in Title 21 of the Code of Federal Regulations. Furthermore, it is G.R.A.S. (Generally Regarded as Safe) status per 21 C.F.R. 170.3.

Ingredients - This product is 100% Collagen derived from bovine, piscine, and eggshell membrane.