

Specification

Product	Hydrolyzed Bovine Hide Collagen Peptides Powder
Item	HBHSD070
Description	Type I & III - Bovine, Purified, non-gelling, hydrolyzed collagen or gelatin hydrolysate from bovine hide source material
Shelf-life	60 Months
Storage Conditions	This product is stable when stored in dry place at room temperature
Packaging	15 Kg Polypropylene bag / Polyethylene lined kraft paper bags / Carton Box
Ingredient	This product is 100% Collagen
Labeling	This product may be labeled as collagen, gelatin hydrolysate, hydrolyzed gelatin, or collagen Peptides.
Country of Origin	Derived from Grass-Fed bovine hides from Brazil, Argentina and Columbia. Your custom made product may be made from blends from these countries.

PHYSICAL	SPECIFICATION	UNIT	METHOD
Viscosity	14.0 - 44.0	mps	10% Sol. GMIA
pH (10% Solution)	5.0 - 7.0		10% Sol. GMIA
Ash (Total)	≤ 2.00	%	USP/NF
Loss on drying (Moiture)	≤ 10.0	%	USP/NF
Bulk Density	0.25 - 0.55	g/ml	CCL-009
Solubility	Soluble in cold water	Visual	CCL-004
Protein (as Provided)	≥ 90	%	AOAC (n=5.55)
Avg. Molecular Weight (est.)	≤ 3,000	Da	HPLC
Appearance	Off White agglomerated powder		Visual
MICROBIOLOGICAL	SPECIFICATION	UNIT	METHOD
Total Plate Count	≤ 1000	cfu/g	BAM
E. coli	Negative		BAM
Salmonella	Negative		BAM
Yeast & Mold	≤ 100		USP/NF
CHEMISTRY	SPECIFICATION	UNIT	METHOD
Chromium	≤ 10.0	mg/Kg	AOAC
Lead	≤ 1.5	mg/Kg	AOAC
Sulfur Dioxide (SO ₂)	≤ 0.005	%	AOAC

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

Kosher Certificate available upon request