



**MTC Industries**  
Ingredients Innovation since 1994

# Hydrolyzed Bovine Collagen

## Description

Collagen is an abundant protein in your body and likewise found in numerous animals. Notably, this protein is also widespread as a supplement and food additive. What's more, it's been gaining in the cosmetic industry as a potential remedy to reduce the effects of skin aging.\* Bovine collagen is a form of this protein that's mainly derived from cows.

## Applications

- May help alleviate osteoarthritis symptoms.
- May decrease visible signs of aging.
- May prevent bone loss.
- May improve gut health.
- May build muscle and repairs tissue.
- May promote deeper sleep.

## Storage & Packaging

Store in tight, light resistant containers, avoid exposure to direct sunlight and moisture  
20kgs/bag

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Test Item	Specification	Test Method
<b>Physical Properties</b>		
Particle size	Above 30-50 Mesh <16% Between 60-100 Mesh >26.1% Between 100-200 Mesh >57.1% Below 200 Mesh <0.8%	/
Appearance	White to Yellow	Visualization
Bulk Density	0.20-0.50 g/ml	USP<616>
Tapped Density	0.30-0.60 g/ml	USP<616>
Loss on Drying	≤ 8.00%	USP<731>
Residue on Ignition	≤ 5.00%	USP<281>
<b>Chemical / Properties</b>		
pH	4.0 – 7.5	USP<791>
Protein (dry basis)	≥ 90.0%	Kjeldhl Method
<b>Heavy Metal</b>		
Lead (Pb)	≤ 0.5 ppm	AAS
Cadmium (Cd)	≤ 1.0 ppm	AAS
Arsenic (As)	≤ 3.0 ppm	AFS
Mercury (Hg)	≤ 0.1 ppm	AFS
Chromium (Cr)	≤ 2.0 ppm	AAS
<b>Microbiological Analysis:</b>		
Total Plate Count	≤ 1000 cfu/g	USP<62>
Mold & Yeast	≤ 100 cfu/g	USP<62>
Total Coliforms	≤ 0.9 MPN/g	USP<62>
E. Coli	Negative (cfu/25g)	USP<62>
Salmonella	Negative (cfu/25g)	USP<62>
Staphylococcus aureus	Negative (cfu/25g)	USP<62>

## Certificates

**FSSC22000, ISO9001, Kosher, Halal, and NSF-GMP**

\*These statements have not been evaluated by the Food & Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.

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