



## Product Specification Data-Sheet Bovine Cartilage Powder

**Species:** USDA Approved Bovine Cartilage (Bos primigenius)  
**Source:** Cartilage  
**Particle Size:** 100% thru 80-100 Mesh  
**Country of Origin:** USA

**Description:**

Texture: Powder  
 Odor: Characteristic  
 Taste: Characteristic  
 Solubility: H<sub>2</sub>O

**Analysis:**

	<b>Result</b>	<b>Requirement</b>	<b>Reference Method</b>
Protein Content:	Conforms	NLT 50%	AOAC 981.10
Mucopolysaccharide Content:	Conforms	NLT 40%	ELISA
Chondroitin Sulfate Content:	Conforms	NLT 10%	USP 37 <CPC Titration>
Calcium:	Conforms	NMT 17.0%	AOAC 2011.14 (ICP/AES)
Total Bacteria Count:	Conforms	NMT 1,000 CFU/g	USP 37 <2021>
Yeast Count:	Conforms	NMT 100 CFU/g	USP 37 <2021>
Mold Count:	Conforms	NMT 100 CFU/g	USP 37 <2021>
Salmonella:	Conforms	Absent	MB217.01 AOAC
Listeria Monocytogenes:	Conforms	Absent	MB316.01 AOAC
Escherichia Coli:	Conforms	Absent	USP 37 <2022>
Pseudomonas Aeruginosa:	Conforms	Absent	USP 37 <2022>
Arsenic:	Conforms	NMT 0.5 ppm	AOAC 2011.14 (ICP/AES)
Cadmium:	Conforms	NMT 0.2 ppm	AOAC 2011.14 (ICP/AES)
Lead:	Conforms	NMT 0.2 ppm	AOAC 2011.14 (ICP/AES)
Mercury:	Conforms	NMT 0.1 ppm	AOAC 2011.14 (ICP/AES)
Clarity and Color Solution:	Conforms	Off White	USP 37 - NF 32
pH:	Conforms	5.5 - 7.5	USP 37 <791>
Loss on Drying:	Conforms	NMT 10.0%	USP 37 <731>
Moisture:	Conforms	NMT 7.0%	AOAC 950.46
Bulk Density - Tapped	Conforms	0.65-0.80 g/ml	USP 37
Bulk Density - Untapped	Conforms	0.45-0.70 g/ml	USP 37

**Shelf Life:** 3 Years from date of manufacture  
**Container Type:** 25/kg net drums with polyethylene liner

This product conforms to California's Proposition 65, which regulates toxic substances

Preserve in tight, light resistant container.