



Product Specification Data-Sheet

Shark Cartilage Powder

Species: Shark (*Prionace glauca*, *Raja Ocellata* & *Squalus acanthias*)
Source: Cartilage
Country of Origin: USA

Description:
Texture: Powder
Odor: Characteristic
Taste: Characteristic
Solubility: H₂O

<u>Analysis:</u>	<u>Result</u>	<u>Requirement</u>	<u>Reference Method</u>
Fat:	Conforms	NMT 2.0%	AOAC 948.16
Protein Content:	Conforms	NLT 40%	AOAC 981.10
Mucopolysaccharide Content:	Conforms	NLT 15%	ELISA
Chondroitin Sulfate Content:	Conforms	NLT 5%	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
Total Coliforms:	Conforms	Absent	USP 37 <2022>
Escherichia Coli:	Conforms	Absent	USP 37 <2022>
Enterobacteriaceae:	Conforms	Absent	USP 37 <2022>
Staphylococcus aureus:	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	White to Off White	USP 37 - NF 32
pH:	Conforms	5.5 - 7.5	USP 37 <791>
Loss on Drying:	Conforms	NMT 7.00%	USP 37 <731>
Bulk Density - Tapped	Conforms	0.65-0.80 g/ml	USP 37
Bulk Density - Untapped	Conforms	0.45-0.60 g/ml	USP 37
Particle Size:	Conforms	100% thru 100 Mesh	USP 37 - NF 32

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.