

Product Specification & Technical Analysis

Product Trade Name	kollaJell™	Description	Jellyfish Collagen Powder – Freeze Dry
Grade	Fit for Human Consumption	Item	Specification
Method		Method	
Appearance	Light beige to brown powder	Visual	
Odor & taste	Characteristic	Olfactory	
Solubility	90% soluble	Visual	
Mesh size	100% thru 50 mesh	USP	
Molecular Weight	< 5,000 Da	SEC	
Moisture	< 3%	USP <731>	
Collagen Protein	25% minimum	SOP:3.1.2	
Mucopolysaccharides	2% minimum	EPVII	
Total Minerals	10% Min	ICP/MS	
Sodium (Na)		ICP/MS	
Magnesium (Mg)		ICP/MS	
Phosphorus (P)		ICP/MS	
Sulfur (S)		ICP/MS	
Potassium (K)		ICP/MS	
Calcium (Ca)		ICP/MS	
Manganese (Mn)		ICP/MS	
Iron (Fe)		ICP/MS	
Copper (Cu)		ICP/MS	
Chloride		SOP3.7.4	
Inorganic Arsenic (As ₂ O ₃)	1 ppm	USP	
Cadmium (Cd)	0.5 ppm	ICP/MS	
Mercury (Hg)	0.15 ppm	ICP/MS	
Lead (Pb)	5 ppm	ICP/MS	
Chromium (Cr)	10 ppm	ICP/MS	
Zinc (Zn)	50 ppm	ICP/MS	
Sulfur Dioxide (SO ₂)	50 ppm	AOAC	
Hydrogen Peroxide (H ₂ O ₂)	10 ppm	*	
*Q Zhang et al, "A Novel Method for the Determination of Hydrogen Peroxide in Bleaching Effluents by Spectroscopy", BioResources, Vol. 8, p3699-3705, (2013)"			
Total Aerobic Plate Count	< 1,000 CFU/gram	AOAC 990.12	
Mold & Yeast	< 100 CFU/gram	AOAC 2014.05	
E. Coli	Negative	AOAC 2018.13	
Salmonella	Negative	AOAC 2014.01	
S. Aureus	Negative	AOAC 2003.1	
Coliform (30°C)	0/G	AOAC 991.14	
Coliform (44.5°C)	0/10G	AOAC 991.14	
Anaerobic Sulphite-reducing Bacteria	10/G	USP 2022	
Clostridium Perfringes	0/G	USP 2022	

Recommended dosage: 1000mg/day

Packaging: 15kg double lined drum

Storage: Store in well-closed container in a cool dry place away from heat, moisture, UV, and direct sunlight.

MATERIAL IS HYGROSCOPIC (SENSITIVE TO MOISTURE) AND SENSITIVE TO UV LIGHT.

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