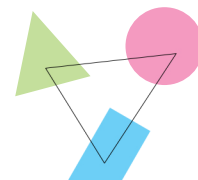




SUPERIOR QUALITY - ETHICALLY SOURCED

13202 89TH AVENUE STE 212, RICHMOND HILL, NY 11418, UNITED STATES

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## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Fish Collagen		
<b>Batch Number</b>	20220622	<b>Manufacture Date</b>	20220622
<b>Report Date</b>	20220622	<b>Expiry Date</b>	20240621

Item of Analysis	Specification	Results	Test Methods
Protein	≥90.0%	91.3%	Kjeldahl
Molecular Weight	≤3000Da	Conforms	HPLC
<b>Organoleptic</b>			
Appearance	Powder	Conforms	Organoleptic
Color	White or Light Yellow	Conforms	Organoleptic
Odor	Characteristic	Conforms	CP2010
Taste	Characteristic	Conforms	CP2010
<b>Physical Characteristics</b>			
Particle Size	100% pass 80 mesh	80MESH	CP2010
Loss on drying	8%NMT (%)	3.21%	USP<731>
Total ash	2%NMT (%)	0.62%	USP<561>
Bulk Density	45-60g/100mL	50g/100mL	CP2010IA
PH	4.0-7.5	Conform	NLS-QCS-1007
<b>Heavy metals</b>			
Total Heavy Metals	10ppm Max	Conform	USP<231>method II
Lead (Pb)	2ppm NMT	0.02ppm	ICP-MS
Arsenic (As)	2ppm NMT	0.04ppm	ICP-MS
Cadmium (Cd)	2ppm NMT	/	ICP-MS
Mercury (Hg)	0.5ppm NMT	/	ICP-MS
<b>Microbiological Tests</b>			
Total Plate Count	1000cfu/g Max	Conform	USP<61>
Yeast & Mold	100cfu/g Max	Conform	USP<61>
E. Coli.	Negative	Conform	USP<61>
Salmonella	Negative	Conform	USP<61>
Staphylococcus	Negative	Conform	USP<61>

**Storage:** Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

**Shelf Life:** 24 months if store under the conditions above and stay in original packaging.