

Product name	Premium Marine Collagen	Grade	Food Grade
Batch Number	22662	Quantity	15 000 kg
Source	Fish skin from fresh water fish.		

Item	According to	Specifications	Result
Appearance	---	White powder	Pass
Odor	---	None	Pass
Protein (%)	GB/T5009.5-2010	≥90%	93.50
pH	QB/T1803-93	4.9-6.5	6.24
Average molecular weight	JY/T024-1996	≤2000 Da	Pass
Arsenic		≤ 1.0 ppm	Pass
Cadmium		≤ 0.5 ppm	Pass
Chromium		≤ 10 ppm	Pass
Copper		≤ 30 ppm	Pass
Mercury		≤ 0.1 ppm	Pass
Lead		≤ 3.0 ppm	Pass
Zinc		≤ 50 ppm	Pass
Sulfites		≤ 10 ppm	Pass
Peroxides		≤ 10 ppm	Pass
Bacterial Count (cfu/g)	GB/T4789.2	≤1000	<10
Coliforms (MPN/100g)	GB/T4789.3	≤ 30	<30

Item	According to	Specifications	Result
Mold & Yeast (cfu/g)	GB/T4789.15	≤ 50	10
Mold & Yeast (cfu/g)	GB/T4789.4/5/10/11	Negative	Pass

Type	Specification
1	95%
3	5%

Average Amino Acids profile per 10 grams.

Alanine	946 mg
Arginine	1216 mg
Aspartic acid	447 mg
Glutamic acid	725 mg
Glycine	3292 mg
Histidine	52 mg
Hydroxylysine	53 mg
Hydroxyproline	1086 mg
Isoleucine	124 mg
Leucine	25 mg
Lysine	291 mg
Methionine	125 mg
Phenylalanine	191 mg
Proline	123 mg
Serine	33 mg
Threonine	244 mg
Tyrosine	31 mg
Valine	251 mg
Cysteine	10 mg

Nutritional value	Per 100 g		
Energy (Kilocalories)	350		
Fat	0 g		
Protein	≥90 g		
Sugar	0 g		
Water	≥8 g		
Ash	≥2 g		
Sodium	≤400 mg		

Conclusion, This product complies with above specification.

19-10-2023