

CERTIFICATE OF ANALYSIS

Product	Fish collagen peptide		CAS NO.:94-93-9
Batch No.	210302	Packing	10kgs/carton
Quantity	500kg	Product Date	Mar.02, 2021
Specification	GB 31645	Expiry Date	Mar.01, 2024
Items & Results			
Item	Spec.	Result	
Colour	White or light yellow	White	
Odour	Typical	Typical	
Morphology	Powdered or granular	granular	
Impurity	No impurities visible with normal vision	Complies	
Total nitrogen	≥15%	15.4%	
The mass fraction of peptides with molecular weight less than 10000U in the total peptide	≥90%	96.4%	
Anserine		1.4	
Carnosine		7.2	
Hydroxyproline	≥3%	4.87%	
Loss on drying	≤7%	2.32%	
Ash	≤7%	6.8%	
Mucedine	≤25%	< 10%	
Microbiological Test			
Standard Plate Count	≤1000cfu/g	< 10cfu/g	
Yeast & Mold	≤100cfu/g	< 10cfu/g	
Pathogenic bacterium	Negative	Negative	
Pb	≤1	Negative	
As	≤0.1	Negative	
Hg	≤0.1	Negative	
Cd	≤0.1	Negative	
Cr	≤2.0	Negative	
Coliforms	≤3MPN/g	< 3MPN/g	
Content	98%~101%	100.2%	
Conclusion	Complies with the requirements of GB 31645.		
Storage	Store in tightly closed original container,protected from light,in a dry place at low temperature(≤25℃)。		
Analyst	马亮	Review	刘爱琴 Supervisor of QC 李敏