



Xi'an Green Spring Technology Co.,Ltd

Certificate of Analysis			
Product Name:	Undenatured Collagen 2	Batch Number:	2024073001GS
Source:	Chicken	Manufacture Date:	July,30,2024
CAS No:	9007-34-5	Analysis Date:	Aug.2,2024
Quantity:	850kgs	Expire Date:	July,29,2026
ITEM	STANDARD	TEST RESULT	TEST METHOD
Protein	≥90.0%	90.36%	Kjeldahl Method
Physical & Chemical			
Appearance	White to Light Yellow	Complies	Visual
Molecular Weight	≥80% 1000Da	88.60%	HPLC
Nitrogen	≥12.8g/100g	15.60g/100g	AOAC
Chloride	≤0.5%	0.26%	USP<221>
Sulfate	≤0.24%	0.18%	USP<221>
H	5.5-7.5	6.3	USP<791>
Particle Size	95% pass 80 mesh	96.30%	USP<786>
Bulk Density	≥0.3g/ml	0.42g/ml	USP<616>
Loss on Drying	≤8.0%	4.30%	USP<731>
Ash	≤7.0%	2.65%	USP<281>
Heavy Metal			
Pb	≤0.5ppm	N.D.(<0.04)	ICP-MS
As	≤0.5ppm	N.D.(<0.04)	ICP-MS
Cd	≤0.1ppm	N.D.(<0.003)	ICP-MS
Cr	≤1.0ppm	0.19ppm	ICP-MS
Microbiological Test			
Total Plate Count	≤1,000cfu/g	210cfu/g	AOAC
Yeast&Mold	≤100cfu/g	<20cfu/g	AOAC
E.Coli	Negative	Negative	AOAC
Salmonella	Negative	Negative	AOAC
Conclusion:Conforms with specification, Non-GMO, Allergen Free, BSE/TSE Free.			
Storage:Store in cool and dry places. Keep away from strong light and heat.			
Packing:By18kgs/Drum, inner by double plastic bag			
Shelf Life:24 months under the above condition, and in it's original package.			

Quality Assurance: Liang Yan

