



CHITOSAN

Batch No.	Quantity	Packaging	Test Date	Manufacture Date	Exp. Date
0820240206	1000kg	25kg/drum	2024.02.29	2024.02.28	2026.02.27
ITEM		SPECIFICATION		TEST METHOD	RESULTS
Properties (physical):					
Appearance		White to Light Yellow, Free Flowing Powder			Complies
Odor		Odorless			Complies
Bulk Density		≥0.20g/ml Series Product			0.35g/ml
Particle size (U.S. Mesh)		NLT 98% through 80 Mesh			Complies
Appearance of the Solution		Clear-Colorless to Light Yellow			Complies
Analytical Properties:					
Deacetylated Degree		≥85.0%			87.46%
Identification:					
Solubility		≥99.0% (in 1% Acetic Acid)			99.1%
Water Content		≤12.0%			9.41%
Ash Content		≤2.0%			1.24%
Protein Content		Non-Detectable			Complies
Viscosity		≤200 mPa.s (cps)(Determined by 1% Chitosan Dissolved in 1% Acetic Acid Solution at 20 °C)			22.8mPa.s
Heavy Metals		≤10ppm			Complies
Arsenic		NMT 0.5 ppm			Complies
Conclusion:		Meets Q/ZAX 02-2015 standards			
Packaging and Storage:		Store in tight, light-resistant containers			
Reason for Change:		Updating Specification Format to Q/ZAX 02-2015			
Effective Date: Dec.25,2015		Code & Version: DG CHI 0.20g/ml /2			
Part No.:		DG 02			
Prepared by:		张文英			
Approved by QC Dept. Manager:		张招明			

