



CHITOSAN OLIGOSACCHARIDE

Batch No.	Quantity	Packaging	Test Date	Manufacture Date	Exp.Date
1120240210	500kg	25kg/drum	2024.02.29	2024.02.28	2026.02.27
ITEM		SPECIFICATION			RESULTS
Properties (physical)					
Appearance		Yellow,Free Flowing Powder			Complies
Odor		Odorless			Complies
M.W		<3000			Complies
Bulk Density		≥0.25g/mL Series Product			0.27g/mL
Particle size (U.S.Mesh)		NLT 98%through 100Mesh			Complies
Analytical Properties:					
Deacetylated Degree		≥85%			86.89%
Assay		≥80%			95.66%
Identification:					
Insoluble		<1%(35°C)			0.11%
Water Content		≤12.0%			6.05%
Ash Content		≤2%			0.81%
pH value		4.0~7.0			5.32
Heavy Metals		≤10ppm			Complies
Arsenic		≤1.0ppm			Complies
Microbial					
Total Aerobic		NMT 1,000 cfu/g			<1,000 cfu/g
Yeast &Mold		NMT 100 cfug			<100 cfu/g
E.Coli		Negative			Negative
Salmonella		Negative			Negative
Conclusion:		Meets Q/ZAX 09-2012 standards			
Packaging and Storage:		Store in tight,light-resistant containers under 25°C			
Reason for Change		Updating Specification Format to Q/ZAX 09-2012			
Effective Date:Dec.25,2012		Code &Version:DG CHIOS-3000			
Part No.:		DG 02			
Approved by QC Dept.Manager:		曹芳元			

