



Certificate of Analysis

Product Name:	Chitosan Oligosaccharide	Manufacture Date:	Feb.05,2021
Batch Number:	LYPH210205	Expiration Date	Feb.04,2023
Batch Quantity:	200Kg	Grade:	Food Grade

Test Items	Specifications	Results
Appearance	Off white to yellow powder	Conforms
Molecular Weight (Da)	322~1610	1285
Assay(Glucosamine hydrochloride, Dry Basis%)	≥80.0	93.5
Moisture (%)	≤10.0	6.62
Ash Content (%)	≤1.0	0.31
Insoluble Matter in Water (%)	≤0.2	0.05
pH value(1g-100ml)	5.0-7.0	5.38
Pb(mg/kg)	≤0.5	Negative
Total Arsenic(ppm)	≤0.5	Negative
Total Plate Count(cfu/g)	≤1000	<100
Escherichia Coli(cfu/g)	≤100	<10
Salmonella/25g	Negative	Negative
Staphylococcus Aureus	Negative	Negative

Conclusion	Conform with specification
Packing description	Sealed export grade drum & double of sealed plastic bag
Storage	Store in cool & dry place not freeze, keep away from strong light and heat
Shelf life	2 years when properly stored

Quality Assurance Officer:董文华

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