

## Certificate of Analysis

Date of Testing: 2023-06-09 14:34:19  
Date of Next Testing: 2027-06-08 14:34:19  
Product Name: **Chitosan**  
CAS Number: 9012-76-4  
Specifications & Purity: high viscosity, >400 mPa.s, from shrimp shells  
Lot #: F2303186  
SKU #: **C105803**  
**Analysis:** **227259**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Loss on drying	0-15 (%)	0.63 %
Viscosity(1% in 1% acetic acid)	400-800 (mPa-S)	501.00 mPa-S
Ignition Residue (as sulfate)	0-2 (%)	1.72 %
Deacetylation value(after drying)	80-100 (%)	83.33 %
Insoluble matter(in 1% acetic acid)	0-1 (%)	0.00000 %
Appearance (C105803)	White to Off-White to Yellow Solid, Powder, or Crystals	White to Off-White to Yellow Solid, Powder, or Crystals



John Su  
QA & QC Manager