

## Certificate of Analysis

Date of Testing: 2024-02-22 17:06:45  
Date of Next Testing: 2027-02-21 17:06:45  
Product Name: **Chitosan**  
CAS Number: 9012-76-4  
Specifications & Purity: Derived from shrimp shells, practical grade  
Lot #: B2419109  
SKU #: **C434554**  
Analysis: **222318**

Parameter	Limit Values	Result
Viscosity(1 wt. % in 1% acetic acid, 20 °C, Brookfield)	≥200 (cP)	268.90000 cP
Deacetylation	75-100 (%)	84.10000 %
Solubility in 1 M Acetic acid , Faint Yellow Slightly Hazy to Hazy,10 mg/ml	Pass	Pass
Appearance(C434554)	White to Beige Powder or Flakes	White to Beige Powder or Flakes



John Su  
QA & QC Manager