

## Certificate of Analysis

Date of Testing: 2024-08-21 10:55:55  
Date of Next Testing: 2028-08-20 10:55:55  
Product Name: **Chitosan**  
CAS Number: 9012-76-4  
Specifications & Purity:  $\geq 75\%$  (deacetylated)  
Lot #: H2409327  
SKU #: **C299272**  
Version: **0**  
Analysis #: **378010**

| Parameter                         | Limit Values                 | Result                       |
|-----------------------------------|------------------------------|------------------------------|
| Deacetylation value(after drying) | 75-100 (%)                   | 80.25 %                      |
| Viscosity(1% in 1% acetic acid)   | 100-300 (mPa·S)              | 100.40 mPa·S                 |
| Ignition Residue (as sulfate)     | 0-2 (%)                      | 0.33 %                       |
| Insoluble matter                  | 0-1 (%)                      | 0.00 %                       |
| Appearance (C299272)              | White or light yellow powder | White or light yellow powder |



John Su  
QA & QC Manager