

## Certificate of Analysis

Date of Testing: 2023-08-19 13:28:40  
Date of Next Testing: 2026-08-18 13:28:40  
Product Name: **Chitosan hydrochloride**  
CAS Number: 70694-72-3  
Specifications & Purity: Degree of deacetylation 80.0%-90.0%  
Lot #: H2309602  
SKU #: **B304452**  
**Analysis: 068965**  
Storage Temperature: Store at 2-8°C

| Parameter                 | Limit Values          | Result                |
|---------------------------|-----------------------|-----------------------|
| bacterial count           | 0-1000 (cfu/g)        | 521.00 cfu/g          |
| Ash                       | 0-1 (%)               | 0.49 %                |
| Heavy metals(as Pb)       | 0-40 (ppm)            | 0.95 ppm              |
| Water by Karl Fischer     | 0-15 (%)              | 6.50 %                |
| Deacetylation value       | 80-90 (%)             | 85.31 %               |
| Yeast and Molg            | 0-100 (cfu/g)         | 21.02 cfu/g           |
| Appearance (B304452Form)  | Flake or powder       | Flake or powder       |
| Appearance (B304452Color) | White to Light yellow | White to Light yellow |
| E. Coli/25g               | Negative              | Negative              |
| Salmonella                | none detected         | none detected         |



John Su  
QA & QC Manager