

## Certificate of Analysis

Date of Testing: 2022-02-22 13:22:26  
Date of Next Testing: 2025-02-21 13:22:26  
Product Name: **Chitosan hydrochloride**  
CAS Number: 70694-72-3  
Specifications & Purity: Degree of deacetylation 80.0%-90.0%  
Lot #: B2218075  
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