

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2024-03-19 14:49:45
Date of Next Testing: 2028-03-18 14:49:45
Product Name: **Chitosan**
CAS Number: 9012-76-4
Specifications & Purity: ≥95% (deacetylated) ,viscosity 100-200 mPa.s from shrimp shells
Lot #: C2409045
SKU #: **C105799**
Analysis: **324197**

Parameter	Limit Values	Result
(As)Arsenic	0-0.5 (ppm)	0.23000 ppm
Deacetylation value	95-100 (%)	95.20000 %
Total number of bacteria	0-1000 (cfu/g)	40.00000 cfu/g
Viscosity(1% in 1% acetic acid)	100-200 (mPa·S)	118.00000 mPa·S
Ash	0-1.5 (%)	0.34000 %
Total yeasts and molds count(TYMC)	0-100 (cfu/g)	10.00000 cfu/g
Water by Karl Fischer	0-10 (%)	7.83000 %
bulk density	≥0.3(g/ml)	0.30000 g/ml
Heavy metals	0-10 (ppm)	8.00000 ppm
Escherichia Coli	none detected	none detected
Salmonella	none detected	none detected
Appearance (C105799)	off-white to yellow to tan powder or chunks	off-white to yellow to tan powder or chunks



John Su
QA & QC Manager