

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

Certificate of Analysis

Date of Testing: 2022-07-03 17:11:08

Date of Next Testing: 2026-07-02 17:11:08

Product Name: **Chitosan**

CAS Number: 9012-76-4

Specifications & Purity: ≥95% (deacetylated) ,viscosity 100-200 mPa.s from shrimp shells

Lot #: F2230213

SKU #: **C105799**

Version: **0**

Analysis #: **100529**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Deacetylation value	95-100 (%)	95.80000 %
Viscosity(1% in 1% acetic acid)	100-200 (mPa·S)	119.00000 mPa·S
Ash	0-1.5 (%)	0.47000 %
Water by Karl Fischer	0-10 (%)	7.13000 %
(As)Arsenic	0-0.5 (ppm)	0.48000 ppm
Total number of bacteria	0-1000 (cfu/g)	988.00000 cfu/g
Total yeasts and molds count(TYMC)	0-100 (cfu/g)	98.00000 cfu/g
Heavy metals	0-10 (ppm)	8.00000 ppm
bulk density	≥0.3 (g/ml)	0.40000 g/ml
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

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