

Certificate of Analysis

Date of Testing: 2024-12-16 11:44:46

Date of Next Testing: 2028-12-15 11:44:46

Product Name: **Chitosan**

CAS Number: 9012-76-4

Specifications & Purity: high viscosity, > 400 mPa.s, from shrimp shells

Lot #: B2109141

SKU #: **C105803**

Version: **2**

Analysis #: **449741**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Loss on drying	0-15 (%)	9.64 %
Viscosity(1% in 1% acetic acid)	400-800 (mPa·S)	615.00 mPa·S
Ignition Residue (as sulfate)	0-2 (%)	1.45 %
Deacetylation value(after drying)	80-100 (%)	82.05 %
Insoluble matter(in 1% acetic acid)	0-1 (%)	0.00000 %
Appearance (C105803)	White to Off-White to yellow Solid, Powder, or Crystals	White to Off-White to Yellow Solid, Powder, or Crystals



John Su
QA & QC Manager