

## Certificate of Analysis

Date of Testing: 2022-08-02 13:50:55  
Date of Next Testing: 2026-08-01 13:50:55  
Product Name: **Carboxylated chitosan**  
CAS Number: 9012-76-4  
Specifications & Purity: BR,Water-soluble  
Lot #: G2230085  
SKU #: **C105800**  
Analysis: **106280**

Parameter	Limit Values	Result
Insoluble matter	0-0.5 (%)	0.00 %
PH	6-8	7.36
Viscosity(1% in water,20°C)	10-80 (mPa·S)	53.50 mPa·S
Carboxylation	≥60 (%)	60.01 %
Loss on drying	0-15 (%)	6.70 %
Heavy metal (as Pb)	0-5 (ppm)	2.60 ppm
Appearance (C105800)	colorless to light yellow solid	colorless to light yellow solid



John Su  
QA & QC Manager