

Certificate of Analysis

Date of Testing: 2023-07-10 11:42:25

Date of Next Testing: 2027-07-09 11:42:25

Product Name: **Glycol chitosan**

CAS Number: 123938-86-3

Specifications & Purity: 60%

Lot #: F2328852

SKU #: **G121028**

Analysis: **249562**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Loss on drying	0-15 (%)	6.29 %
Purity(Titration)	≥60 (%)	60.30 %
Nitrogen by Elemental Analysis	5-6 (%)	5.50 %
Carbon by Elemental Analysis	40-44 (%)	41.96 %
Degree of Polymerization	≥400	411.00
Appearance (G121028)	Faint Yellow to Light Brown Powder	Faint Yellow to Light Brown Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Yellow Clear to Slightly Hazy(2mg/ml)	pass	Pass



John Su
QA & QC Manager