

## Certificate of Analysis

Date of Testing: 2024-07-13 09:41:05  
Date of Next Testing: 2028-07-12 09:41:05  
Product Name: **D-Glucosamic Acid**  
CAS Number: 3646-68-2  
Specifications & Purity: 98%  
Lot #: G2402446  
SKU #: **S161334**  
Version: **1**  
Analysis #: **344842**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Assay(Nonaqueous Titration)	97.5-102.5 (%)	99.90000 %
Specific rotation $[\alpha]_{20/D}(C=2.5, 1\text{mol/L HCl})$	-15.5--13.5 (°)	-14.20000 °
Appearance(S161334)	White to Almost white powder to crystalline	White to Almost white powder to crystalline
Infrared spectrum	conforms to structure	Conforms to Structure



John Su  
QA & QC Manager