

Certificate of Analysis

Date of Testing: 2025-06-27 09:19:07

Date of Next Testing: 2029-06-26 09:19:07

Product Name: **D-Glucosamic Acid**

CAS Number: 3646-68-2

Specifications & Purity: $\geq 98\%$

Lot #: F2517233

SKU #: **S161334**

Version: **1**

Analysis #: **192436**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Assay(Nonaqueous Titration)	97.5-102.5 (%)	100.00000 %
Specific rotation $[\alpha]_{20/D}(C=2.5, 1\text{mol/L HCl})$	-15.5~-13.5 (°)	-14.40000 °
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