

## Certificate of Analysis

Date of Testing: 2024-05-24 17:23:41  
Date of Next Testing: 2028-05-23 17:23:41  
Product Name: **D-Glutamic acid**  
CAS Number: 6893-26-1  
Specifications & Purity: 98%  
Lot #: E2411269  
SKU #: **G100444**  
Version: **1**  
Analysis #: **334796**

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	97.5-102.5 (%)	100.77 %
Specific Rotation [a] <sub>20</sub> /D(c=5 in HCl(1+5))	-33--30 (°)	-30.45 °
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Appearance (G100444)	White to Off-White Powder	White to Off-White Powder
Solubility in 0.5 M HCl , Colorless,Clear at 50 mg/ml	pass	Pass



John Su  
QA & QC Manager