

## Certificate of Analysis

Date of Testing: 2022-10-25 18:56:01  
Date of Next Testing: 2026-10-24 18:56:01  
Product Name: **D-Glutamic acid**  
CAS Number: 6893-26-1  
Specifications & Purity: 98%  
Lot #: J2222354  
SKU #: **G100444**  
Analysis: **108710**

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	97.5-102.5 (%)	99.81%
Specific Rotation [α] <sub>20</sub> /D(c=5 in HCl(1+5))	-33--30 (°)	-30.27°
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
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager