

Certificate of Analysis

Date of Testing: 2023-02-16 14:30:47
Date of Next Testing: 2027-02-15 14:30:47
Product Name: **D-Glutamic acid**
CAS Number: 6893-26-1
Specifications & Purity: 98%
Lot #: B2309083
SKU #: **G100444**
Analysis: **108710**

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	97.5-102.5 (%)	99.81%
Specific Rotation [α] ₂₀ /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