

Certificate of Analysis

Date of Testing: 2023-07-29 13:26:56

Date of Next Testing: 2027-07-28 13:26:56

Product Name: **D-Glutamic acid**

CAS Number: 6893-26-1

Specifications & Purity: 98%

Lot #: G2321350

SKU #: **G100444**

Analysis: 246009

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	97.5-102.5 (%)	100.09 %
Specific Rotation [α] ₂₀ /D(c=5 in HCl(1+5))	-33--30 (°)	-31.89°
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