

Certificate of Analysis

Date of Testing: 2022-05-24 09:01:02

Date of Next Testing: 2026-05-23 09:01:02

Product Name: **D-Glutamic acid**

CAS Number: 6893-26-1

Specifications & Purity: 98%

Lot #: E2223106

SKU #: **G100444**

Analysis: 078028

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	97.5-102.5 (%)	99.00 %
Specific Rotation [α] ₂₀ /D(c=5 in HCl(1+5))	-33--30 (°)	-30.04 °
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