

Certificate of Analysis

Date of Testing: 2024-10-14 10:29:16
Date of Next Testing: 2028-10-13 10:29:16
Product Name: **D-Glutamic acid**
CAS Number: 6893-26-1
Specifications & Purity: Moligand™, ≥98%
Lot #: L2031127
SKU #: **G100444**
Version: **1**
Analysis #: **419093**

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	97.5-102.5 (%)	99.64 %
Specific Rotation [α] ₂₀ /D(c=5 in HCl(1+5))	-33--30 (°)	-30.00°
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