

## Certificate of Analysis

Date of Testing: 2025-09-02 18:17:32  
Date of Next Testing: 2029-09-01 18:17:32  
Product Name: **D-Glutamic acid**  
CAS Number: 6893-26-1  
Specifications & Purity: Moligand™, ≥98%  
Lot #: H2525511  
SKU #: **G100444**  
Version: **1**  
Analysis #: **528108**

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	97.5-102.5 (%)	99.59%
Specific Rotation [α] <sub>20</sub> /D(c=5 in HCl(1+5))	-33--30 (°)	-30.18°
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