

Certificate of Analysis

Date of Testing: 2025-06-11 16:24:20
Date of Next Testing: 2029-06-10 16:24:20
Product Name: **D-Glutamine**
CAS Number: 5959-95-5
Specifications & Purity: $\geq 98\%$
Lot #: I2109224
SKU #: **D107632**
Version: **0**
Analysis #: **522614**

Parameter	Limit Values	Result
Specific Rotation [a] _D 20/D(c=5 in 5N HCl)	-35--30 (°)	-33.30°
Purity(HPLC)	98-100 (%)	99.30000 %
Purity(Nonaqueous Titration)	97.5-102.5 (%)	98.00 %
Appearance (D107632)	white powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1 M HCl , Colorless Clear 50 mg/ml	pass	Pass



John Su
QA & QC Manager