

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-02-21 14:15:17
 Date of Next Testing: 2028-02-20 14:15:17
 Product Name: **DL-Glutamic acid monohydrate**
 CAS Number: 19285-83-7
 Specifications & Purity: $\geq 98\%$
 Lot #: F1617093
 SKU #: **G111546**
 Version: **0**
 Analysis #: **321863**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.69100 %
Water by Karl Fischer	0-15.5 (%)	11.40000 %
Appearance (G111546)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1 N HCl , Colorless,Clear,100 mg/ml	pass	Pass



John Su
QA & QC Manager