

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-20 10:50:39
 Date of Next Testing: 2026-09-19 10:50:39
 Product Name: **DL-Glutamic acid monohydrate**
 CAS Number: 19285-83-7
 Specifications & Purity: $\geq 98\%$
 Lot #: I2215404
 SKU # **G111546**
 Version **0**
 Analysis #: **108440**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.41200 %
Water by Karl Fischer	0-15.5 (%)	13.35010 %
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