

Certificate of Analysis

Date of Testing: 2022-07-14 14:00:30

Date of Next Testing: 2026-07-13 14:00:30

Product Name: **L-Glutamic acid monosodium salt hydrate**

CAS Number: 6106-04-3

Specifications & Purity: 99%

Lot #: G2201029

SKU #: **S108801**

Analysis: **095460**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.79300 %
Water by Karl Fischer	0-10 (%)	2.94 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in } 2\text{mol/L HCl})$	24-27 (°)	24.00°
Appearance (S108801)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Faint Yellow ,Clear,100 mg/mL	pass	Pass



John Su
QA & QC Manager