

Certificate of Analysis

Date of Testing: 2025-04-22 14:44:30
 Date of Next Testing: 2029-04-21 14:44:30
 Product Name: **L-Glutamic acid monosodium salt hydrate**
 CAS Number: 6106-04-3
 Specifications & Purity: $\geq 99\%$
 Lot #: D2517462
 SKU #: **S108801**
 Version: **0**
 Analysis #: **472445**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.71500 %
Water by Karl Fischer	0-10 (%)	4.99 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in } 2\text{mol/L HCl})$	24-27 ($^{\circ}$)	24.10 $^{\circ}$
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