

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2026-06-24 11:08:14

Date of Next Testing: 2030-06-23 11:08:14

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

CAS Number: 6106-04-3

Specifications & Purity: for cell culture, for insect cell culture, ≥99%

Lot #: F2611035

SKU #: **V33919**

Version: **0**

Analysis #: **730808**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation [α] _{20/D} (c=10 in 2mol/L HCl)	24-27 (°)	24.85 °
Water by Karl Fischer	0-10 (%)	9.98 %
Purity(HPLC)	99-100 (%)	99.83700 %
Cell Culture Test	pass	Pass
Insect cell culture test	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Faint Yellow ,Clear,100 mg/mL	pass	Pass
Appearance(V33919)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zhu

