

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2025-06-05 16:27:02

Date of Next Testing: 2028-06-04 16:27:02

Product Name: **L-Glutamic acid potassium salt monohydrate**

CAS Number: 6382-01-0

Specifications & Purity: BioReagent, for insect cell culture, ≥99%(HPLC)

Lot #: F2502050

SKU #: **V34224**

Version: **0**

Analysis #: **521408**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	4.38-13.16 (%)	9.28 %
Purity(HPLC area)	99-100 (%)	99.28 %
Specific rotation $[\alpha]_{20/D}(C=1 \text{ in } 5N \text{ HCl})$	21.5-23.5 (°)	22.25300°
Solubility, 50 mg/mL, H ₂ O, Colorless Clear	pass	Pass
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Appearance(V34224)	White Powder	White powder

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zou

