

Certificate of Analysis

Date of Testing: 2024-10-29 10:06:44

Date of Next Testing: 2027-10-29 10:06:44

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

CAS Number: 6382-01-0

Specifications & Purity: $\geq 99\%$

Lot #: J2425223

SKU #: **L355121**

Version: **1**

Analysis #: **149945**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	4.38-13.16(%)	5.31 %
Specific rotation $[\alpha]_{20/D(C=1 \text{ in } 5N \text{ HCl})}$	21.5 - 23.5(°)	22.91400 °
Assay (Non-aqueous acid-base 99-102 (%) Titration)		99.95000 %
Appearance(L355121)	White Crystals or powder or crystalline powder or granules	White Crystals or powder or crystalline powder or granules
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager