

Certificate of Analysis

Date of Testing: 2025-03-31 09:35:29

Date of Next Testing: 2028-03-30 09:35:29

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

CAS Number: 6382-01-0

Specifications & Purity: $\geq 99\%$

Lot #: C2521618

SKU #: **L355121**

Version: **1**

Analysis #: **482998**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay (Non-aqueous acid-base 99-102 (%) Titration)		99.28000 %
Water by Karl Fischer	4.38-13.16(%)	9.28 %
Specific rotation $[\alpha]_{20/D(C=1)}$ 21.5 - 23.5(°) in 5N HCl)		22.25300 °
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