

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-22 14:11:48

Date of Next Testing: 2028-05-21 14:11:48

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

CAS Number: 6382-01-0

Specifications & Purity: $\geq 99\%$

Lot #: E2521438

SKU #: **L355121**

Version: **1**

Analysis #: **512028**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay (Non-aqueous acid-base 99-102 (%) Titration)		99.98000 %
Water by Karl Fischer	4.38-13.16(%)	8.90 %
Specific rotation $[\alpha]_{20/D(C=1 \text{ 21.5 - 23.5}^\circ)}$ in 5N HCl)		23.37500 °
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