

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-22 14:10:42
 Date of Next Testing: 2028-05-21 14:10:42
 Product Name: **L-Glutamic acid monopotassium salt monohydrate**
 CAS Number: 6382-01-0
 Specifications & Purity: $\geq 99\%$
 Lot #: E2521437
 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