

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-22 14:10:15  
 Date of Next Testing: 2028-05-21 14:10:15  
 Product Name: **L-Glutamic acid monopotassium salt monohydrate**  
 CAS Number: 6382-01-0  
 Specifications & Purity:  $\geq 99\%$   
 Lot #: E2521436  
 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 $[\alpha]_{20/D(C=1)}$ 21.5 - 23.5(°) 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