

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-01-14 10:34:32  
 Date of Next Testing: 2029-01-13 10:34:32  
 Product Name: **Potassium L-Aspartate Hydrate**  
 CAS Number: 1115-63-5  
 Specifications & Purity:  $\geq 97\%$   
 Lot #: C2120112  
 SKU #: **P160327**  
 Version: **1**  
 Analysis #: **462357**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                                                                          | Limit Values              | Result                    |
|------------------------------------------------------------------------------------|---------------------------|---------------------------|
| Water by Karl Fischer                                                              | 0-6 (%)                   | 2.99700 %                 |
| Specific Rotation $[\alpha]_{20/D(c=8 \text{ in } 6\text{mol/L HCl})}$ (Anhydrous) | 19-22 (°)                 | 19.11500 °                |
| Assay(Nonaqueous Titration anhydrous)                                              | 96.5-103.5 (%)            | 96.92800 %                |
| Appearance (P160327)                                                               | White to Off-White Powder | White to Off-White Powder |
| ICP:Confirms Potassium Component                                                   | Confirmed                 | Confirmed                 |
| Proton NMR spectrum                                                                | Conforms to Structure     | Conforms to Structure     |



John Su  
QA & QC Manager