

## Certificate of Analysis

Date of Testing: 2025-05-05 15:17:42  
Date of Next Testing: 2029-05-04 15:17:42  
Product Name: **Potassium L-Aspartate Hydrate**  
CAS Number: 1115-63-5  
Specifications & Purity:  $\geq 97\%$   
Lot #: D2525433  
SKU #: **P160327**  
Version: **1**  
Analysis #: **500330**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-6 (%)	5.59 %
Specific Rotation $[\alpha]_{20/D}(c=8 \text{ in } 6\text{mol/L HCl})(\text{Anhydrous})$	19-22 ( $^{\circ}$ )	19.58 $^{\circ}$
Assay(Nonaqueous Titration anhydrous)	96.5-103.5 (%)	100.50000 %
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