

## Certificate of Analysis

Date of Testing: 2022-05-10 13:21:33  
Date of Next Testing: 2026-05-09 13:21:33  
Product Name: **Potassium L-Aspartate Hydrate**  
CAS Number: 1115-63-5  
Specifications & Purity: >97.0%  
Lot #: G1816048  
SKU #: **P160327**  
**Analysis:** **089906**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-6 (%)	4.48 %
Specific Rotation $[\alpha]_{20/D}(c=8 \text{ in } 6\text{mol/L HCl})(\text{Anhydrous})$	19-22 (°)	19.01 °
Purity(Nonaqueous Titration)	96.5-103.5 (%)	97.37 %
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