

Certificate of Analysis

Date of Testing: 2022-07-28 20:27:34
Date of Next Testing: 2026-07-27 20:27:34
Product Name: **Potassium L-Aspartate Hydrate**
CAS Number: 1115-63-5
Specifications & Purity: >97.0%
Lot #: G2225060
SKU #: **P160327**
Analysis: 119041
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-6 (%)	4.71 %
Specific Rotation $[\alpha]_{20/D}(c=8 \text{ in } 6\text{mol/L HCl})(\text{Anhydrous})$	19-22 (°)	20.78°
Purity(Nonaqueous Titration)	96.5-103.5 (%)	100.09 %
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