

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-18 10:46:19
Date of Next Testing: 2028-11-17 10:46:19
Product Name: **Calcium α -D-heptagluconate hydrate**
CAS Number: 17140-60-2
Specifications & Purity: $\geq 98\%$
Lot #: K2512211
SKU #: **C352040**
Version: **2**
Analysis #: **601139**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(Complexometric titration)	97.5-102.5 (%)	98.00 %
Specific rotation $[\alpha]_{20/D}(c=5\% \text{ in water})$	1.8-2.2 (°)	2.00000 °
Loss on drying	3-8 (%)	6.80 %
Appearance(C352040)	Very faintly beige powder	White to Very faintly beige powder
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager