

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-05-28 14:10:32  
Date of Next Testing: 2029-05-27 14:10:32  
Product Name: **Calcium  $\alpha$ -D-heptagluconate hydrate**  
CAS Number: 17140-60-2  
Specifications & Purity:  $\geq 98\%$   
Lot #: H2307693  
SKU #: **C352040**  
Version: **2**  
Analysis #: **710263**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(Complexometric titration)	97.5-102.5 (%)	100.36000 %
Specific rotation $[\alpha]_{20/D}(c=5\% \text{ in water})$	1.8-2.2 ( $^{\circ}$ )	1.89000 $^{\circ}$
Loss on drying	3-8 (%)	6.45000 %
Appearance(C352040)	White to Very faintly beige powder	White to Very faintly beige powder
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager