

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-08 13:30:17

Date of Next Testing: 2027-09-07 13:30:17

Product Name: **Calcium L-ascorbate dihydrate**

CAS Number: 5743-28-2

Specifications & Purity: $\geq 99\%$

Lot #: L1910229

SKU #: **A119451**

Version: **0**

Analysis #: **273392**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=5 \text{ in } H_2O)}$	92-98 ($^{\circ}$)	96.34200 $^{\circ}$
Purity(Titration by $HClO_4$)	98.5-101.5 (%)	99.81000 %
Appearance (A119451)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager