

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-06 10:17:50

Date of Next Testing: 2027-02-05 10:17:50

Product Name: **Potassium D-gluconate**

CAS Number: 299-27-4

Specifications & Purity: $\geq 99\%$

Lot #: D1923179

SKU #: **P108903**

Version: **0**

Analysis #: **183088**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Titration by HClO_4)(calc. to the dried substance)	99-100 (%)	99.58000 %
Loss on drying(105°C, 4 hrs) (Vacuum)	0-3 (%)	2.72680 %
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in } \text{H}_2\text{O})}$	10.5-15 (°)	10.58100 °
Heavy metal (as Pb)	0-20 (ppm)	11.36000 ppm
Appearance (P108903)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H_2O , Colorless ,Clear ,50 mg/mL in H_2O	pass	Pass



John Su
QA & QC Manager