

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-17 17:38:33

Date of Next Testing: 2029-10-16 17:38:33

Product Name: **Potassium D-gluconate**

CAS Number: 299-27-4

Specifications & Purity: $\geq 99\%$

Lot #: J2513718

SKU #: **P108903**

Version: **0**

Analysis #: **391719**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in H}_2\text{O})}$	10.5-15 (°)	13.30000 °
Purity(Titration by HClO ₄)(calc. to the dried substance)	99-100 (%)	99.00000 %
Loss on drying(105°C, 4 hrs) (Vacuum)	0-3 (%)	2.79094 %
Heavy metal (as Pb)	0-20 (ppm)	0.00000 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 ₂ O , Colorless ,Clear ,50 mg/mL in H ₂ O	pass	Pass



John Su
QA & QC Manager