

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-10 11:04:28
 Date of Next Testing: 2027-01-09 11:04:28
 Product Name: **Potassium D-gluconate**
 CAS Number: 299-27-4
 Specifications & Purity: $\geq 99\%$
 Lot #: A2305718
 SKU #: **P108903**
 Version: **0**
 Analysis #: **159452**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Titration by HClO_4)(calc. to the dried substance)	99-100 (%)	99.10000 %
Loss on drying(105°C, 4 hrs) (Vacuum)	0-3 (%)	0.78000 %
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in } \text{H}_2\text{O})}$	10.5-15 (°)	11.03400 °
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
Solubility in H_2O , Colorless ,Clear ,50 mg/mL in H_2O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager