

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-22 14:51:32

Date of Next Testing: 2028-08-21 14:51:32

Product Name: **Potassium D-gluconate**

CAS Number: 299-27-4

Specifications & Purity: $\geq 99\%$

Lot #: H2408050

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