

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-06 15:47:50

Date of Next Testing: 2028-12-05 15:47:50

Product Name: **Potassium D-gluconate**

CAS Number: 299-27-4

Specifications & Purity: $\geq 99\%$

Lot #: L2404513

SKU #: **P108903**

Version: **0**

Analysis #: **393556**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Loss on drying(105°C, 4 hrs) (Vacuum)	0-3 (%)	2.60000 %
Heavy metal (as Pb)	0-20 (ppm)	0.00000 ppm
Purity(Titration by HClO ₄)(calc. to the dried substance)	99-100 (%)	99.75000 %
Specific Rotation [α] ₂₀ /D(c=2 in H ₂ O)	10.5-15 (°)	10.51000 °
Appearance (P108903)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Solubility in H ₂ O , Colorless ,Clear ,50 mg/mL in H ₂ O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager