

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-25 15:46:37
 Date of Next Testing: 2029-12-24 15:46:37
 Product Name: **D-Gluconic acid sodium salt**
 CAS Number: 527-07-1
 Specifications & Purity: $\geq 99\%$
 Lot #: L2523431
 SKU #: **G278703**
 Version: **2**
 Analysis #: **626184**
 Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Purity(Nonaqueous Titration) (calcd. on anhyd. substance)	98.5-101.5 (%)	99.95000 %
Loss on drying	0-2 (%)	0.02030 %
Specific rotation $[\alpha]_{20/D}(c=2, H_2O)$	+11.0 to +15.0°	11.77700°
Heavy metals(as Pb)	0-20 (ppm)	0.00000 ppm
Appearance(G178703)	White to Off White to Light yellow Powder or Crystals	White to Off White to Light yellow Powder or Crystals
Solubility in Water	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager