

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-25 15:59:31
Date of Next Testing: 2029-12-24 15:59:31
Product Name: **D-Gluconic acid sodium salt**
CAS Number: 527-07-1
Specifications & Purity: $\geq 99\%$
Lot #: L2523432
SKU #: **G278703**
Version: **2**
Analysis #: **626184**
Storage Temperature: Room temperature, Desiccated

| Parameter | Limit Values | Result |
|---------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|
| Purity(Nonaqueous Titration) (calcd.onanh.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