

## Certificate of Analysis

Date of Testing: 2023-02-01 13:11:20  
Date of Next Testing: 2027-01-31 13:11:20  
Product Name: **D-Gluconic acid sodium salt**  
CAS Number: 527-07-1  
Specifications & Purity: 99%  
Lot #: A2331102  
SKU #: **G278703**  
**Analysis:** **173055**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity(NonaqueousTitration) (calcd.onanh.substance)	98-102%	98.33 %
Loss on drying	0-2%	0.00 %
Heavy metals(as Pb)	0-20ppm	0.00 ppm
Specific rotation $[\alpha]_{20/D}(c=2, H_2O)$	+11.0 to +15.0°	11.56 °
Appearance(G178703)	White to Off White to Light yellow Powder or Crystals	White to Off White to Light yellow Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in Water	Pass	Pass



John Su  
QA & QC Manager