

Certificate of Analysis

Date of Testing: 2022-01-18 09:19:02
Date of Next Testing: 2026-01-17 09:19:02
Product Name: **D-Gluconic acid sodium salt**
CAS Number: 527-07-1
Specifications & Purity: 99%
Lot #: A2214502
SKU #: **G278703**
Analysis: **058982**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Loss on drying	0-2%	0.08 %
Specific rotation $[\alpha]_{20/D}(c=2, H_2O)$	+11.0 to +15.0°	12.88°
Heavy metals(as Pb)	0-20ppm	0.00 ppm
Purity(Nonaqueous Titration) (calcd.onanh.substance)	98-102%	99.07 %
Appearance(G178703)	White to Off White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in Water	Pass	Pass



John Su
QA & QC Manager