

Certificate of Analysis

Date of Testing: 2024-01-10 16:12:35
Date of Next Testing: 2028-01-09 16:12:35
Product Name: **D-Gluconic acid sodium salt**
CAS Number: 527-07-1
Specifications & Purity: 99%
Lot #: A2404597
SKU #: **G278703**
Analysis: **307527**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Loss on drying	0-2 (%)	0.60 %
Specific rotation $[\alpha]_{20/D}(c=2, H_2O)$	+11.0 to +15.0°	11.16°
Heavy metals(as Pb)	0-20 (ppm)	0.00 ppm
Purity(Nonaqueous Titration) (calcd.onanh.substance)	98-102 (%)	98.49 %
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