

Certificate of Analysis

Date of Testing: 2024-07-25 17:53:31
Date of Next Testing: 2028-07-24 17:53:31
Product Name: **D-Gluconic acid sodium salt**
CAS Number: 527-07-1
Specifications & Purity: 99%
Lot #: G2419570
SKU #: **G278703**
Version: **2**
Analysis #: **382886**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity(NonaqueousTitration) (calcd.onanh.substance)	98.5-101.5 (%)	101.20 %
Loss on drying	0-2 (%)	0.06 %
Specific rotation $[\alpha]_{20/D}(c=2, H_2O)$	+11.0 to +15.0°	11.41°
Heavy metals(as Pb)	0-20 (ppm)	2.00 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



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QA & QC Manager