

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-19 16:22:45
 Date of Next Testing: 2030-03-18 16:22:45
 Product Name: **D-Gluconic acid sodium salt**
 CAS Number: 527-07-1
 Specifications & Purity: High-purity, ≥99%
 Lot #: C2616515
 SKU #: **G1510191**
 Version: **1**
 Analysis #: **663697**
 Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-20 (ppm)	0.00000 ppm
Specific rotation $[\alpha]_{20/D(c=2, H_2O)}$	11-15 (°)	11.50100 °
Loss on drying	0-2 (%)	0.12690 %
Purity(Nonaqueous Titration)(calcd. on dried substance)	98.5-101.5 (%)	99.33000 %
Iron(Fe)	0-10 (ppm)	0.00000 ppm
Lead(Pb)	0-10 (ppm)	0.00000 ppm
Reducing Substances	0-0.5 (%)	0.48000 %
pH	6.5-8	7.03000
Solubility in Water	Pass	Pass
Appearance(G1510191)	White to off white to light yellow powder or crystal or solid	White to off white to light yellow powder or crystal or solid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager