

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-26 17:28:33
 Date of Next Testing: 2029-08-25 17:28:33
 Product Name: **D-Gluconic acid solution**
 CAS Number: 526-95-4
 Specifications & Purity: 49-53 wt. % in H₂O
 Lot #: H2525473
 SKU #: **G111173**
 Version: **0**
 Analysis #: **564632**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Reducing Substances	0-3 (%)	3.00000 %
Specific Rotation [α] ₂₀ /D(c=Neat)	9-15.5 (°)	12.78500 °
Purity(Titration by HCl)	48-54 (wt%)	49.80000 wt%
Appearance (G111173)	Colorless to Light Green-Yellow Viscous Liquid	Colorless to Light Green-Yellow Viscous Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solvent(H ₂ O)	Conform	Conform



John Su
QA & QC Manager