

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-26 12:14:25

Date of Next Testing: 2029-09-25 12:14:25

Product Name: **D-Gluconic acid solution**

CAS Number: 526-95-4

Specifications & Purity: 49-53 wt. % in H₂O

Lot #: I2519379

SKU #: **G111173**

Version: **0**

Analysis #: **563507**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=Neat)	9-15.5 (°)	13.44400 °
Purity(Titration by HCl)	48-54 (wt%)	52.18000 wt%
Reducing Substances	0-3 (%)	2.50000 %
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