

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-12 10:49:35
Date of Next Testing: 2026-12-11 10:49:35
Product Name: **D-Gluconic acid solution**
CAS Number: 526-95-4
Specifications & Purity: 49-53 wt. % in H₂O
Lot #: L2208112
SKU #: **G111173**
Version: **0**
Analysis #: **159582**

| Parameter | Limit Values | Result |
|---|---|---|
| Reducing Substances | 0-3 (%) | 2.98 % |
| Specific Rotation [α] ₂₀ /D(c=Neat) | 9-15.5 (°) | 10.55 ° |
| Purity(Titration by HCl) | 48-54 (wt%) | 53.09 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 |



John Su
QA & QC Manager