

Certificate of Analysis

Date of Testing: 2022-12-12 13:47:10
Date of Next Testing: 2026-12-11 13:47:10
Product Name: **D-Gluconic acid solution**
CAS Number: 526-95-4
Specifications & Purity: 49-53 wt. % in H₂O
Lot #: L2208116
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