

Certificate of Analysis

Date of Testing: 2024-07-08 11:13:20

Date of Next Testing: 2027-07-08 11:13:20

Product Name: **Gluconic acid potassium salt**

CAS Number: 299-27-4

Specifications & Purity: for synthesis

Lot #: G2401098

SKU #: **G432563**

Version: **1**

Analysis #: **383403**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
assay(Titration with HClO ₄ , anhydrous basis)	98-102.5 (%)	99.10000 %
Specific Rotation [α] _{20/D} (c=2 in H ₂ O)	10.5-15 (°)	11.03 °
Loss on drying(105°C, 4h)	0-3 (%)	0.78 %
Appearance(G432563)	White to off-white Solid	White to off-white solid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager