

Certificate of Analysis

Date of Testing: 2024-11-23 14:06:50
Date of Next Testing: 2028-11-22 14:06:50
Product Name: **D-Gluconic acid sodium salt**
CAS Number: 527-07-1
Specifications & Purity: $\geq 97\%$
Lot #: K2418275
SKU #: **G305493**
Version: **2**
Analysis #: **440025**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Loss on drying	0-2 (%)	0.05 %
Purity(NonaqueousTitration)(calcd.onanh.substance)	97-103 (%)	100.06 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ H}_2\text{O})$	11-15 ($^{\circ}$)	11.70 $^{\circ}$
Appearance (G305493Form)	Powder or Crystal	Powder or Crystal
Appearance (G305493Color)	White to Light yellow	White to Light yellow
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager