

## Certificate of Analysis

Date of Testing: 2022-07-16 11:30:26

Date of Next Testing: 2026-07-15 11:30:26

Product Name: **Gentamycin Sulfate**

CAS Number: 1405-41-0

Specifications & Purity: USP grade

Lot #: G2213168

SKU #: **G100391**

**Analysis:** **093147**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Limit of Methanol	0-0.3 (%)	0.23 %
PH(4% Water)	3.5-5.5	4.39
Loss on drying	0-18 (%)	4.27 %
gentamicin c2a+c2	25-55 (%)	37.40 %
gentamicin c1a	10-35 (%)	27.10 %
gentamicin C2B+C1	25-50 (%)	40.30 %
Ignition Residue	0-1 (%)	0.50 %
Specific Rotation [α] <sub>20</sub> /D(c=10 in H <sub>2</sub> O)(dry basis)	107-121 (°)	107.01 °
Assay	≥590 (ug/mg)	597.00000 μg/mg
Appearance (G100391)	white to light yellow powder	white to light yellow powder
Identification	pass	Pass
Residual solvents	complies	complies



John Su  
QA & QC Manager