

## Certificate of Analysis

Date of Testing: 2022-10-17 10:32:01  
Date of Next Testing: 2026-10-16 10:32:01  
Product Name: **Gentamycin Sulfate**  
CAS Number: 1405-41-0  
Specifications & Purity: USP grade  
Lot #: J2212135  
SKU #: **G100391**  
**Analysis: 028374**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [a] <sub>D</sub> 20/(c=10 in H <sub>2</sub> O)(dry basis)	107-121 (°)	109.23 °
Limit of Methanol	0-0.3 (%)	0.15 %
PH(4% Water)	3.5-5.5	4.74
Assay	≥590 (µg/mg)	690.00 µg/mg
Loss on drying	0-18 (%)	10.14 %
gentamicin c2a+c2	25-55 (%)	25.00 %
gentamicin c1a	10-35 (%)	10.00 %
gentamicin C2B+C1	25-50 (%)	25.00 %
Ignition Residue	0-1 (%)	0.22 %
Appearance (G100391)	white to light yellow powder	white to light yellow powder
Identification	pass	Pass
Residual solvents	complies	complies



John Su  
QA & QC Manager