

Certificate of Analysis

Date of Testing: 2021-08-06 17:21:49
Date of Next Testing: 2025-08-05 17:21:49
Product Name: **Gentamycin Sulfate**
CAS Number: 1405-41-0
Specifications & Purity: USP grade
Lot #: H2106058
SKU #: **G100391**
Analysis: 028374
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ 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