

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-28 15:28:12
Date of Next Testing: 2027-01-27 15:28:12
Product Name: **Gentamycin Sulfate**
CAS Number: 1405-41-0
Specifications & Purity: USP grade
Lot #: A2314209
SKU #: **G100391**
Analysis: 170654
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Limit of Methanol	0-0.3 (%)	0.14 %
PH(4% Water)	3.5-5.5	4.18
Loss on drying	0-18 (%)	4.71 %
gentamicin c2a+c2	25-55 (%)	27.78 %
gentamicin c1a	10-35 (%)	16.84 %
gentamicin C2B+C1	25-50 (%)	31.86 %
Ignition Residue	0-1 (%)	0.26 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)(dry basis)	107-121 (°)	107.02 °
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