

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-25 09:57:52
Date of Next Testing: 2026-02-24 09:57:52
Product Name: **Gentamycin Sulfate**
CAS Number: 1405-41-0
Specifications & Purity: USP grade
Lot #: B2223147
SKU #: **G100391**
Analysis: 063350
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Limit of Methanol	0-0.3 (%)	0.02 %
PH(4% Water)	3.5-5.5	4.80
Loss on drying	0-18 (%)	9.54 %
gentamicin c2a+c2	25-55 (%)	35.21 %
gentamicin c1a	10-35 (%)	16.21 %
gentamicin C2B+C1	25-50 (%)	29.85 %
Ignition Residue	0-1 (%)	0.36 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)(dry basis)	107-121 (°)	107.01 °
Assay	≥590 (μg/mg)	616.00 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