

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-01 08:58:07
Date of Next Testing: 2028-07-31 08:58:07
Product Name: **Gentamycin Sulfate**
CAS Number: 1405-41-0
Specifications & Purity: USP grade
Lot #: G2422485
SKU #: **G100391**
Version: **1**
Analysis #: **394676**
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 (°)	107.01 °
Limit of Methanol	0-0.3 (%)	0.12 %
PH(4% Water)	3.5-5.5	4.00
Loss on drying	0-18 (%)	7.00 %
gentamicin c2a+c2	25-55 (%)	45.00 %
gentamicin c1a	10-35 (%)	33.00 %
gentamicin C2B+C1	25-50 (%)	45.00 %
Ignition Residue	0-1 (%)	0.35 %
Assay	≥590 (ug/mg)	616.00000 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