

ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-18 08:36:51
Date of Next Testing: 2029-12-17 08:36:51
Product Name: **Gentamycin Sulfate**
CAS Number: 1405-41-0
Specifications & Purity: potency: ≥ 590 ug Gentamicin per mg
Lot #: L2508145
SKU #: **G100392**
Version: **0**
Analysis #: **627801**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-15 (%)	0.36 %
Assay (Gentamycin base)	≥ 590 ($\mu\text{g}/\text{mg}$)	598.00 $\mu\text{g}/\text{mg}$
Sulfate(SO42-)	32-35 (%)	34.20 %
pH	3.5-5.5	4.70
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$	107-121 ($^{\circ}$)	107.20 $^{\circ}$



John Su
QA & QC Manager