

Certificate of Analysis

Date of Testing: 2022-07-16 11:25:00
Date of Next Testing: 2026-07-15 11:25:00
Product Name: **Gentamycin Sulfate**
CAS Number: 1405-41-0
Specifications & Purity: potency: ≥ 590 ug Gentamicin per mg
Lot #: G2213176
SKU #: **G100392**
Analysis: **070558**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-15 (%)	7.00 %
Assay (Gentamycin base)	≥ 590 ($\mu\text{g}/\text{mg}$)	616.00 $\mu\text{g}/\text{mg}$
Sulfate(SO42-)	32-35 (%)	33.00 %
PH	3.5-5.5	4.00
Specific Rotation $[\alpha]_{20}/D(c=10 \text{ in H}_2\text{O})$	107-121 ($^{\circ}$)	107.01 $^{\circ}$



John Su
QA & QC Manager