

Certificate of Analysis

Date of Testing: 2023-01-28 15:03:55
Date of Next Testing: 2027-01-27 15:03:55
Product Name: **Gentamycin Sulfate**
CAS Number: 1405-41-0
Specifications & Purity: potency: ≥ 590 ug Gentamicin per mg
Lot #: A2314211
SKU #: **G100392**
Version: **0**
Analysis #: **180555**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-15 (%)	13.50%
Assay (Gentamycin base)	≥ 590 ($\mu\text{g}/\text{mg}$)	597.00 $\mu\text{g}/\text{mg}$
Sulfate(SO42-)	32-35 (%)	34.50%
PH	3.5-5.5	4.18
Specific Rotation [a] ₂₀ /D(c=10 in H ₂ O)	107-121 (°)	107.20°



John Su
QA & QC Manager