

Certificate of Analysis

Date of Testing: 2024-04-09 13:58:54
Date of Next Testing: 2028-04-08 13:58:54
Product Name: **Gentamycin Sulfate**
CAS Number: 1405-41-0
Specifications & Purity: potency: ≥ 590 ug Gentamicin per mg
Lot #: E2027014
SKU #: **G100392**
Analysis: **327775**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-15 (%)	0.36 %
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 (°)	107.20 °
Assay (Gentamycin base)	≥ 590 ($\mu\text{g}/\text{mg}$)	598.00 $\mu\text{g}/\text{mg}$



John Su
QA & QC Manager