

## Certificate of Analysis

Date of Testing: 2024-03-01 15:47:40  
Date of Next Testing: 2028-02-29 15:47:40  
Product Name: **Gentamycin Sulfate**  
CAS Number: 1405-41-0  
Specifications & Purity: potency:  $\geq 590$  ug Gentamicin per mg  
Lot #: B2427259  
SKU #: **G100392**  
**Analysis:** **325242**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-15 (%)	9.70 %
Assay (Gentamycin base)	$\geq 590$ ( $\mu\text{g}/\text{mg}$ )	598.00 $\mu\text{g}/\text{mg}$
Sulfate(SO42-)	32-35 (%)	34.00 %
PH	3.5-5.5	4.39
Specific Rotation [a] <sub>20</sub> /D(c=10 in H <sub>2</sub> O)	107-121 (°)	113.72 °



John Su  
QA & QC Manager