

## Certificate of Analysis

Date of Testing: 2024-08-31 16:03:11  
Date of Next Testing: 2028-08-30 16:03:11  
Product Name: **Gentamycin Sulfate**  
CAS Number: 1405-41-0  
Specifications & Purity: potency:  $\geq 590$  ug Gentamicin per mg  
Lot #: H2428050  
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)	$\geq 590$ ( $\mu\text{g}/\text{mg}$ )	597.00 $\mu\text{g}/\text{mg}$
Sulfate(SO42-)	32-35 (%)	34.50%
PH	3.5-5.5	4.18
Specific Rotation [a] <sub>20</sub> /D(c=10 in H <sub>2</sub> O)	107-121 (°)	107.20°



John Su  
QA & QC Manager