

Certificate of Analysis

Date of Testing: 2024-01-16 16:14:58
Date of Next Testing: 2027-01-15 16:14:58
Product Name: **Gentamicin sulfate salt**
CAS Number: 1405-41-0
Specifications & Purity: powder, BioReagent, suitable for cell culture
Lot #: A2408153
SKU #: **G432055**
Analysis: 315373
Storage Temperature: Store at 2-8°C

| Parameter | Limit Values | Result |
|---|------------------------------|------------------------------|
| Water by Karl Fischer | 0-15 (%) | 6.00 % |
| Assay(Anhydrous Basis) | ≥590 (IU/mg) | 597.00000 IU/mg OR I.U./mg |
| Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)(dry basis) | 107-121 (°) | 107.02 ° |
| Appearance(G432055) | white to light yellow powder | white to light yellow powder |
| Cell Culture Test | pass | Pass |



John Su
QA & QC Manager