

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-01-12 16:49:31  
Date of Next Testing: 2027-01-11 16:49:31  
Product Name: **Gentamicin sulfate salt**  
CAS Number: 1405-41-0  
Specifications & Purity: powder, BioReagent, suitable for cell culture  
Lot #: A2408156  
SKU #: **G432055**  
**Analysis: 313994**  
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] <sub>20</sub> /D(c=10 in H <sub>2</sub> 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