

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-18 13:06:52  
Date of Next Testing: 2026-09-17 13:06:52  
Product Name: **Gentamicin**  
CAS Number: 1403-66-3  
Specifications & Purity:  $\geq 900$  IU/mg (Microbiological assay of antibiotics, Dried Basis)  
Lot #: I2307225  
SKU #: **G302822**  
**Analysis:** **266428**  
Storage Temperature: Store at -20°C, Argon charged, Desiccated

| Parameter  | Limit Values                | Result                      |
|--|-----------------------------|-----------------------------|
| Specific optical rotation D/20(C=3.5,H2O)                  | 100-130 (°)                 | 114.28500 °                 |
| Water by Karl Fischer                                      | 0-15 (%)                    | 10.78 %                     |
| Potency(Microbiological assay of antibiotics, Dried Basis) | $\geq 900$ (IU/mg)          | 927.00000 IU/mg OR I.U./mg  |
| Appearance(G302822)  | white to pale yellow powder | White to pale yellow powder |



John Su  
QA & QC Manager