

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-10-16 13:55:28

Date of Next Testing: 2028-10-15 13:55:28

Product Name: **Neomycin sulfate**

CAS Number: 1405-10-3

Specifications & Purity: PharmPure™, USP, 600 I.U./mg

Lot #: J2415543

SKU #: **N109017**

Version: **1**

Analysis #: **414871**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                                                             | Limit Values                 | Result                       |
|---------------------------------------------------------------------------------------|------------------------------|------------------------------|
| Sulfate Ash                                                                           | 0-1 (%)                      | 0.00000 %                    |
| Specific Rotation [α] <sub>20/D</sub> (c=10 in H <sub>2</sub> O)(dry basis)           | 53.5-60 (°)                  | 55.99100 °                   |
| PH(3.3%; in Water)                                                                    | 5-7.5                        | 6.59000                      |
| Loss on drying                                                                        | 0-8 (%)                      | 5.26274 %                    |
| potency (dry basis)                                                                   | ≥600 (IU/mg OR I.U./mg)      | 646.00000 IU/mg OR I.U./mg   |
| Appearance (N109017)                                                                  | White or light yellow powder | White or light yellow powder |
| Related substances                                                                    | Pass                         | Pass                         |
| Solubility in H <sub>2</sub> O , Colorless to Yellow, Clear to Slightly Hazy(50mg/ml) | pass                         | Pass                         |
| Identification                                                                        | pass                         | Pass                         |



John Su  
QA & QC Manager