

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-02 17:14:00  
 Date of Next Testing: 2029-12-01 17:14:00  
 Product Name: **Vancomycin HCL**  
 CAS Number: 1404-93-9  
 Specifications & Purity: PharmPure™, USP, potency: ≥900 ug per mg  
 Lot #: K2524681  
 SKU #: **V105495**  
 Version: **1**  
 Analysis #: **615630**  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                     | Limit Values                               | Result                                     |
|-----------------------------------------------|--------------------------------------------|--------------------------------------------|
| Sulfate Ash                                   | 0-1 (%)                                    | 0.13200 %                                  |
| Water by Karl Fischer                         | 0-10 (%)                                   | 1.76370 %                                  |
| Carbon by Elemental Analysis(anhydrous)       | 50.7-56 (%)                                | 51.88700 %                                 |
| PH(5% in water)                               | 2.5-4.5                                    | 2.50800                                    |
| Nitrogen by Elemental Analysis (anhydrous)    | 8-8.9 (%)                                  | 8.05710 %                                  |
| Heavy metal (as Pb)                           | 0-0.003 (%)                                | 0.00025 %                                  |
| potency                                       | ≥900 (µg/mg)                               | 1136.00000 µg/mg                           |
| Appearance (v105495)                          | White to Orange to Brown Crystal to Powder | White to Orange to Brown Crystal to Powder |
| Solubility in H2O , Colorless to Faint Orange | pass                                       | Pass                                       |
| Clear 50 mg/ml                                |                                            |                                            |



John Su  
QA & QC Manager