

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-05 19:01:56

Date of Next Testing: 2029-08-04 19:01:56

Product Name: **Polymyxin B sulfate**

CAS Number: 1405-20-5

Specifications & Purity: pharmaceutical grade, 6,000 USP units/mg

Lot #: H2504346

SKU #: **P105490**

Version: **1**

Analysis #: **530232**

Storage Temperature: Store at 2-8°C, Protected from light

| Parameter                                                                | Limit Values                                                    | Result                                                          |
|--------------------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|
| Potency (Anhydrous)(USP units)                                           | ≥6000                                                           | 7500.00000                                                      |
| Loss on drying                                                           | 0-7 (%)                                                         | 2.33000 %                                                       |
| PH(0.5% Water)                                                           | 5-7                                                             | 6.29000                                                         |
| Appearance (P105490)                                                     | White to almost white to Light Yellow Powder or Solid or chunks | White to almost white to Light Yellow Powder or Solid or chunks |
| Identity                                                                 | pass                                                            | Pass                                                            |
| Solubility in H2O , Colorless to Yellow, Clear to Slightly Hazy(50mg/ml) | pass                                                            | Pass                                                            |
| Infrared spectrum                                                        | Conforms to Structure                                           | Conforms to Structure                                           |



John Su  
QA & QC Manager