

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-04-26 13:38:33

Date of Next Testing: 2024-04-15 13:38:33

Product Name: **Colistin sulfate salt**

CAS Number: 1264-72-8

Specifications & Purity: Moligand™, ≥19,000 U/mg

Lot #: L1411076

SKU #: **C114323**

Version: **0**

Analysis #: **087833**

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

| Parameter                                                                     | Limit Values              | Result                       |
|-------------------------------------------------------------------------------|---------------------------|------------------------------|
| potency                                                                       | ≥19000 (IU/mg OR I.U./mg) | 19700.00000 IU/mg OR I.U./mg |
| Purity(HPLC)                                                                  | 77-100 (%)                | 77.30000 %                   |
| Specific Rotation [α] <sub>20/D</sub> (c=5 in H <sub>2</sub> O)(after drying) | -73--63 (°)               | -65.80000 °                  |
| Appearance (C114323)                                                          | White to Off-White Powder | White to Off-White Powder    |
| Identity by BP Test C                                                         | pass                      | Pass                         |
| Identity by BP test D                                                         | pass                      | Pass                         |
| Solubility in H <sub>2</sub> O , Yellow clear solution(50 mg/mL)              | pass                      | Pass                         |



John Su  
QA & QC Manager