

## Certificate of Analysis

Date of Testing: 2024-01-11 15:38:49

Date of Next Testing: 2028-01-10 15:38:49

Product Name: **Puromycin dihydrochloride**

CAS Number: 58-58-2

Specifications & Purity:  $\geq 98\%$

Lot #: A2409438

SKU #: **P113126**

Version: **3**

Analysis #: **309050**

Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$ , Argon charged

| Parameter                                                                      | Limit Values                           | Result                                                  |
|--------------------------------------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Purity(HPLC)                                                                   | 98-100 (%)                             | 98.50000 %                                              |
| Melting point                                                                  | 160-182 ( $^{\circ}\text{C}$ )         | 170.10000 $^{\circ}\text{C}$                            |
| Appearance (P113126)                                                           | White to Off-White<br>Powder or Chunks | White to Off-White to Slightly pink<br>Powder or Chunks |
| Proton NMR spectrum                                                            | Conforms to Structure                  | Conforms to Structure                                   |
| Solubility in Water, Clear colorless to yellowish or brown solution at 50mg/ml | pass                                   | Pass                                                    |
| NMR Spectrum $^1\text{H}$                                                      | Conforms to Structure                  | Conforms to Structure                                   |



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