

Certificate of Analysis

Date of Testing: 2024-08-29 11:21:42
Date of Next Testing: 2028-08-28 11:21:42
Product Name: **Puromycin dihydrochloride**
CAS Number: 58-58-2
Specifications & Purity: $\geq 98\%$
Lot #: H2422480
SKU #: **P113126**
Version: **3**
Analysis #: **399075**
Storage Temperature: Protected from light, Store at -20°C , Argon charged

| Parameter | Limit Values | Result |
|--|---|---|
| Purity(HPLC) | 98-100 (%) | 99.20000 % |
| Melting point | 160-182 ($^{\circ}\text{C}$) | 170.30000 $^{\circ}\text{C}$ |
| Appearance (P113126) | White to Off-White to Slightly pink Powder or Chunks | White to Off-White to Slightly pink 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 1H | Conforms to Structure | Conforms to Structure |



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