

Certificate of Analysis

Date of Testing: 2024-10-28 15:48:11

Date of Next Testing: 2028-10-27 15:48:11

Product Name: **Puromycin dihydrochloride**

CAS Number: 58-58-2

Specifications & Purity: $\geq 98\%$

Lot #: J2422616

SKU #: **P113126**

Version: **3**

Analysis #: **417484**

Storage Temperature: Protected from light, Store at -20°C , Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.30000 %
Melting point	160-182 ($^{\circ}\text{C}$)	170.60000 $^{\circ}\text{C}$
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



John Su
QA & QC Manager