

Certificate of Analysis

Date of Testing: 2024-01-11 16:06:01

Date of Next Testing: 2028-01-10 16:06:01

Product Name: **Puromycin dihydrochloride**

CAS Number: 58-58-2

Specifications & Purity: $\geq 98\%$

Lot #: A2409441

SKU #: **P113126**

Version: **3**

Analysis #: **309050**

Storage Temperature: Protected from light, Store at -20°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 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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QA & QC Manager