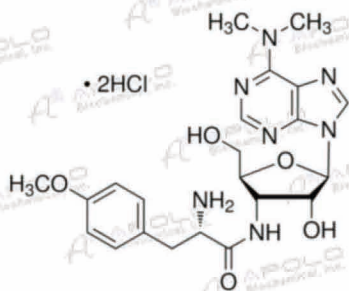


CERTIFICATE OF ANALYSIS

Product Name: Puromycin Dihydrochloride

Chemical Structure:



Lot Number: GOB-30118P600

CAT Number: APL-0058582

CAS Registry Number: 58-58-2

Manufacture Date: 03/2022

Expiry Date: 03/2024

Molecular Formula: C₂₂H₂₉N₇O₅ • 2HCl

Molecular Weight: 544.43 g/mol

Storage: Store desiccated at -20°C

Analysis Data

Item	Specification	Results
Appearance	White powder	Conforms
Solubility (50 mg/ml in water)	Clear, colorless to yellowish solution	Conforms
Melting Point	168-182°C	Conforms
Purity (HPLC)	≥ 98.0 %	98.6 %
TLC (NP, CH ₂ Cl ₂ , Methanol 7:3)	≥ 98.0 %	98.8 %
TLC (RP C ₁₈ , methanol, H ₂ O 9:1)	≥ 98.0 %	98.6 %
Water Content	≤ 12.0 %	5.3 %

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

Jennifer LaBrecque

Jennifer LaBrecque 03/2022
Quality Assurance Manager

Conclusion: The above product meets the specifications of APOLO