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Certificate of Analysis

Product Description: Puromycin Dihydrochloride
Catalog Number: 100552
Lot: M8801

Formula: C₂₂H₂₉N₇O₅·2HCl
CAS #: 58-58-2
Physical Description: Off-white Powder

Formula Weight: 544.4
Storage: -0°C

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Standard	Conforms to Standard
UV/Vis: λ max (0.1N HCl)	268 ± 2 nm	267 nm

Solubility (50 mg/ml water): Clear Solution

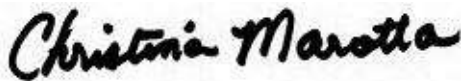
TLC: >99%

HPLC: 99.48%

Melting Point: 174 - 176°C

Extinction coefficient: 18935

Source: Streptomyces alboniger



03/10/2014 - Christina Marotta
MP Biomedicals, LLC.
Technical Director

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