



CERTIFICATE OF ANALYSIS

Product Name	Puromycin Aminonucleoside Semisynthetic, from Puromycin
Molecular Formula	C₁₂H₁₈N₆O₃
Molecular Weight	294.3
CAS Number	58-60-6
Lot Number	PAN028

Test	Results
Appearance	White powder
Solubility*	H ₂ O: Clear colorless solution at 10mg/ml DMSO: Clear colorless solution at 50 mg/ml
TLC (NP, CH ₂ Cl ₂ , methanol 8:2)	>99%
TLC (RP C18, methanol, H ₂ O 9:1)	>99%
Detection: Spray with H ₂ SO ₄ and heat	
HPLC	99.57%
Melting point	222-223°C

*Puromycin Aminonucleoside may be soluble in other solvents.

Expiration date: January 2018

July 14, 2015

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