



## CERTIFICATE OF ANALYSIS

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Product	Puromycin, dihydrochloride
Grade	N/A
Product Code	PJ593
Formula	$C_{22}H_{29}N_7O_5 \cdot 2HCl$
MW	544.4
CAS#	58-58-2
Lot No	

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Test Items	Specifications	Results
Appearance	White to off-white solid	
Melting Point	$\geq 160^{\circ}C$	
TLC (NP, $CH_2Cl_2$ , methanol 7:3)	$\geq 98\%$	
TLC (RP C18, methanol, $H_2O$ 9:1)	$\geq 98\%$	
Detection: Spray with $H_2SO_4$ & Heat		
HPLC	$\geq 98\%$	
Solubility (5%, Water)	$H_2O$ : Clear colorless solution at 50mg/ml	
Extinction coefficient	Report	

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Storage: -20°C