

Certificate of Analysis

Product Name	Spectinomycin	
CAS.	22189-32-8	
Cat Number	S8040	
Lot Number	5541127002	
Molecular Formula	C ₁₄ H ₂₄ N ₂ O ₇ • 2HCl • 5H ₂ O	
Molecular Wt	495.35	
Storage	2-8℃	
Test	Specification	Result
Appearance	White powder or crystalline powder	White powder
Potency	≥603mcg/mg	Qualifeid
Solubility (50mg/ml, H ₂ O)	Colorless transparent solution	Colorless transparent solution
pH (1%, Water, 25℃)	3.8-5.6	4.0
Moisture Content	16.0-20.0%	18.3%
Residue on Ignition	≤1.0%	0.9%
Test Date	29 Mar 2025	
Recommended Retest Period	5 Years	
The results meet the quality requirements		
QC Checker	Liu Juan	QC Manager Quan Jing Yü

