

Certificate of Analysis

Product Name	Chlortetracycline Hydrochloride		
CAS.	64-72-2		
Cat Number	C9100		
Lot Number	3550427001		
Molecular Formula	C ₂₂ H ₂₃ ClN ₂ O ₈ • HCl		
Molecular Weight	515.34		
Storage	-20°C		
Test	Specification	Result	
Appearance	Yellow powder	Yellow powder	
Assay	≥95%	95%	
Solubility (50mg/ml, 1M NaOH)	Yellow transparent solution	Yellow transparent solution	
pH (5mg/mL, H₂O, 25°C)	2.3-3.3	2.84	
Potency	900-1050mcg/mg	900mcg/mg	
Test Date	28 Apr 2025		
Recommended Retest Period	3 Years		
The results meet the quality requirements			
QC Checker	Liu Juan	QC Manager	Quan Jingyu

