



Certificate of Analysis

Item Number	Product Description	Lot Number
CPB-C61040-100GM	CHEMPURE Chlortetracycline HCl, 100 G	162003-175146
Formula	Molecular Weight	Cas Number
C ₂₂ H ₂₃ ClN ₂ O ₈ ·HCl	515.3	64-72-2

QC TEST/RELEASE DATE: 02/16/2022

SUGGESTED RETEST DATE: 01/12/2026

S.No	Test	Unit	Specifications	Test Value
1	Appearance		Yellow Crystalline Powder	passed
2	BSE / TSE Free		BSE/TSE Free	BSE/TSE Free
3	Country of Origin		Report	China
4	Crystallinity		Pass	Passed
5	Grade		USP	USP
6	Identification		Pass	Passed
7	Loss on Drying	%	< or = 2.0	0.44
8	pH (1% Solution in Water) @ 25°C		2.3 - 3.3	2.50
9	Potency	ug/mg	> or = 900	940.7
10	Residual Solvent (Ethanol)	%	< or = 0.5	0.38
11	Specific Rotation	°	-250 to - 235	-240

This is to certify that samples of the lot number above were tested and found to comply with the stated specifications. Some or all data have been provided by vendors/third parties. ChemPure Brand Chemicals expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular use or purpose. Certain products (USP/FCC/NF/EP/BP/JP grades) are sold for use in Research and further manufacturing only. **NOT FOR USE IN FOOD, DRUG OR MEDICAL DEVICE MANUFACTURING.** Persons using this information should make their own determination regarding its suitability for their particular use.

This is an electronically generated document and does not require signatures.