

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	00667
Lot Number	000090-0882508
Product	Tetracycline hydrochloride, USP Achromycin hydrochloride
CAS Number	64-75-5
Molecular Formula	C ₂₂ H ₂₄ N ₂ O ₈ •HCl
Molecular Weight	480.90

Appearance	Yellow Powder
Crystallinity	Passes test
Heavy Metals	< 0.005%
pH	2.54 (C=1% in water at 25 °C)
Optical Rotation	-246 °
Loss on Drying	0.29%
Residual Solvents	1-Butanol: < 5,000 ppm, Acetone: < 5,000 ppm
Related Substances	4-Ephianhydrotetracycline: 1.2%
Potency (Anhydrous Basis)	980.84 µg/mg
Grade	USP
Storage	Store at 0-8°C
Additional Information	Identification: Passes test
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager