

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-19 10:33:42
 Date of Next Testing: 2028-01-19 10:33:42
 Product Name: **Tetracycline hydrochloride**
 CAS Number: 64-75-5
 Specifications & Purity: PharmPure™, USP
 Lot #: A2613006
 SKU #: **T105493**
 Version: **1**
 Analysis #: **364258**
 Storage Temperature: Protected from light,Store at -20°C,Argon charged

Parameter	Limit Values	Result
Sulfate Ash	0-0.5 (%)	0.02500 %
PH (1 %; Water)	2-3	2.50000
Hydrochloric acid 4 - sent to dehydration tetracycline	0-2 (%)	0.10000 %
Potency (mcg/mg)	≥900	900.00000
Loss on drying	0-2 (%)	1.09479 %
Specific Rotation[a] ₂₀ /D(c=0.5 in 0.1mol/L HCl)	-255--240 (°)	-254.78400 °
Purity(HPLC)	95-100 (%)	99.69500 %
Appearance (T105493)	yellow powder or crystals	yellow powder or crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Yellow to Yellow-Orange,Clear,50 mg/ml	pass	Pass



John Su
QA & QC Manager