

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-13 08:45:37
 Date of Next Testing: 2028-12-12 08:45:37
 Product Name: **Tetracycline hydrochloride**
 CAS Number: 64-75-5
 Specifications & Purity: $\geq 95\%$ (HPLC)
 Lot #: L2505060
 SKU #: **T433238**
 Version: **1**
 Analysis #: **626237**
 Storage Temperature: Protected from light, Store at -20°C, Argon charged, Desiccated

Parameter	Limit Values	Result
Assay (dry basis)	95-100 (%)	97.50000 %
Loss on drying	0-2 (%)	0.05914 %
Appearance(T433238)	Light yellow to amber to dark green powder to crystal	Light yellow to amber to dark green powder to crystal
Solubility in H ₂ O , Yellow to Yellow-Orange, Clear, 50 mg/ml	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager