

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-15 10:41:44
Date of Next Testing: 2028-11-14 10:41:44
Product Name: **Tetracycline hydrochloride**
CAS Number: 64-75-5
Specifications & Purity: $\geq 95\%$ (HPLC)
Lot #: K2512444
SKU #: **T433238**
Version: **1**
Analysis #: **609617**
Storage Temperature: Protected from light, Store at -20°C, Argon charged, Desiccated

Parameter	Limit Values	Result
Assay (dry basis)	95-100 (%)	97.54 %
Loss on drying	0-2 (%)	0.06 %
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