

Certificate of Analysis

Date of Testing: 2023-10-09 11:00:38
Date of Next Testing: 2026-10-08 11:00:38
Product Name: **Tetracycline hydrochloride**
CAS Number: 64-75-5
Specifications & Purity: $\geq 95\%$ (European Pharmacopoeia HPLC assay)
Lot #: I2328352
SKU #: **T433238**
Analysis: **275741**
Storage Temperature: Protected from light, Store at -20°C , Argon charged, Desiccated

Parameter	Limit Values	Result
Assay (dry basis)	95-100 (%)	98.77 %
Loss on drying	0-2 (%)	0.95 %
Appearance(T433238)	Yellow Powder	yellow powder
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