

Certificate of Analysis

Date of Testing: 2023-10-09 10:59:43
Date of Next Testing: 2026-10-08 10:59:43
Product Name: **Tetracycline hydrochloride**
CAS Number: 64-75-5
Specifications & Purity: $\geq 95\%$ (European Pharmacopoeia HPLC assay)
Lot #: I2328350
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