

Certificate of Analysis

Date of Testing: 2023-07-11 09:40:47
Date of Next Testing: 2027-07-10 09:40:47
Product Name: **Demeclocycline hydrochloride**
CAS Number: 64-73-3
Specifications & Purity: $\geq 90\%$ (HPLC)
Lot #: 11923066
SKU #: **D113714**
Analysis: 249659
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	90-100 (%)	93.56600%
Loss on drying	0-5 (%)	2.51%
Appearance (D113714)	yellow powder	yellow powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Yellow to very dark green-yellow,Clear,20mg/ml	pass	Pass



John Su
QA & QC Manager