

## Certificate of Analysis

Date of Testing: 2024-05-17 15:41:48  
Date of Next Testing: 2028-05-16 15:41:48  
Product Name: **Minocycline hydrochloride**  
CAS Number: 13614-98-7  
Specifications & Purity:  $\geq 98\%$   
Lot #: E2409275  
SKU #: **M102970**  
Version: **0**  
Analysis #: **360088**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.59400 %
Potency MINOCYCLINE	890-950 ( $\mu\text{g}/\text{mg}$ )	920.00 $\mu\text{g}/\text{mg}$
Water by Karl Fischer	0-10 (%)	6.82 %
Appearance (M102970)	pale yellow to yellow powder or crystals	pale yellow to yellow powder or crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O(50MG/ML)	pass	Pass



John Su  
QA & QC Manager