

## Certificate of Analysis

Date of Testing: 2024-08-22 17:05:43  
Date of Next Testing: 2026-08-22 17:05:43  
Product Name: **Doxycycline monohydrate**  
CAS Number: 17086-28-1  
Specifications & Purity:  $\geq 97\%$   
Lot #: K2211305  
SKU #: **D132421**  
Version: **1**  
Analysis #: **403175**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	98.32 %
Water by Karl Fischer	3.6-4.6 (%)	4.11 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su  
QA & QC Manager