

Certificate of Analysis

Product Name	Doxycycline
Catalog No.	V10288
Batch No.	V1028801

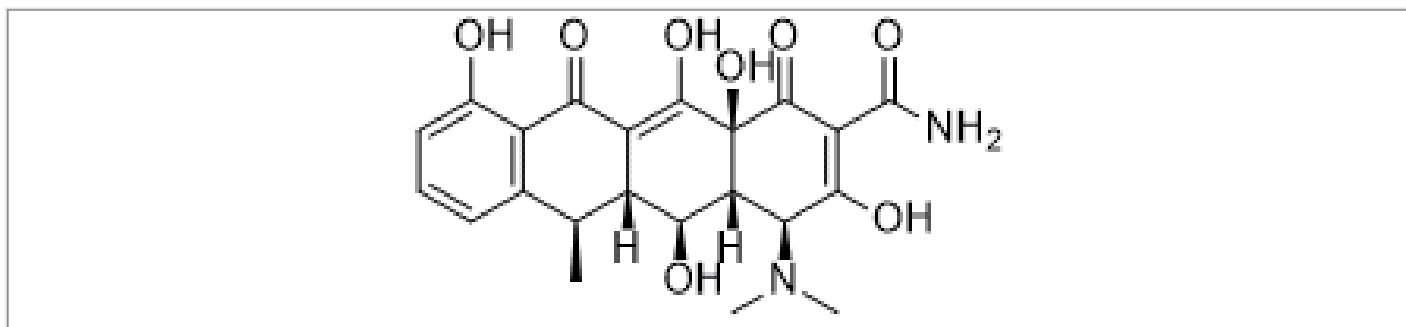
1. Physical and Chemical Properties

Appearance	powder
Molecular Formula	C ₂₂ H ₂₄ N ₂ O ₈
Molecular Weight	444.44
Purity	≥98.0%
CAS No.	564-25-0
Production Date	
Retest Date	2028-12-01

2. Analytical Data

Test Item	Specification	Result
HPLC	≥98%	
NMR	Consistent with structure	Confirms
Mass Spectrum	Consistent with structure	Confirms

3. Structure



4. Storage Condition

Storage Condition	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month
Note: Please store this product in a sealed and protected environment, avoid exposure to moisture.			

Products are for research use only • Not for human or veterinary use