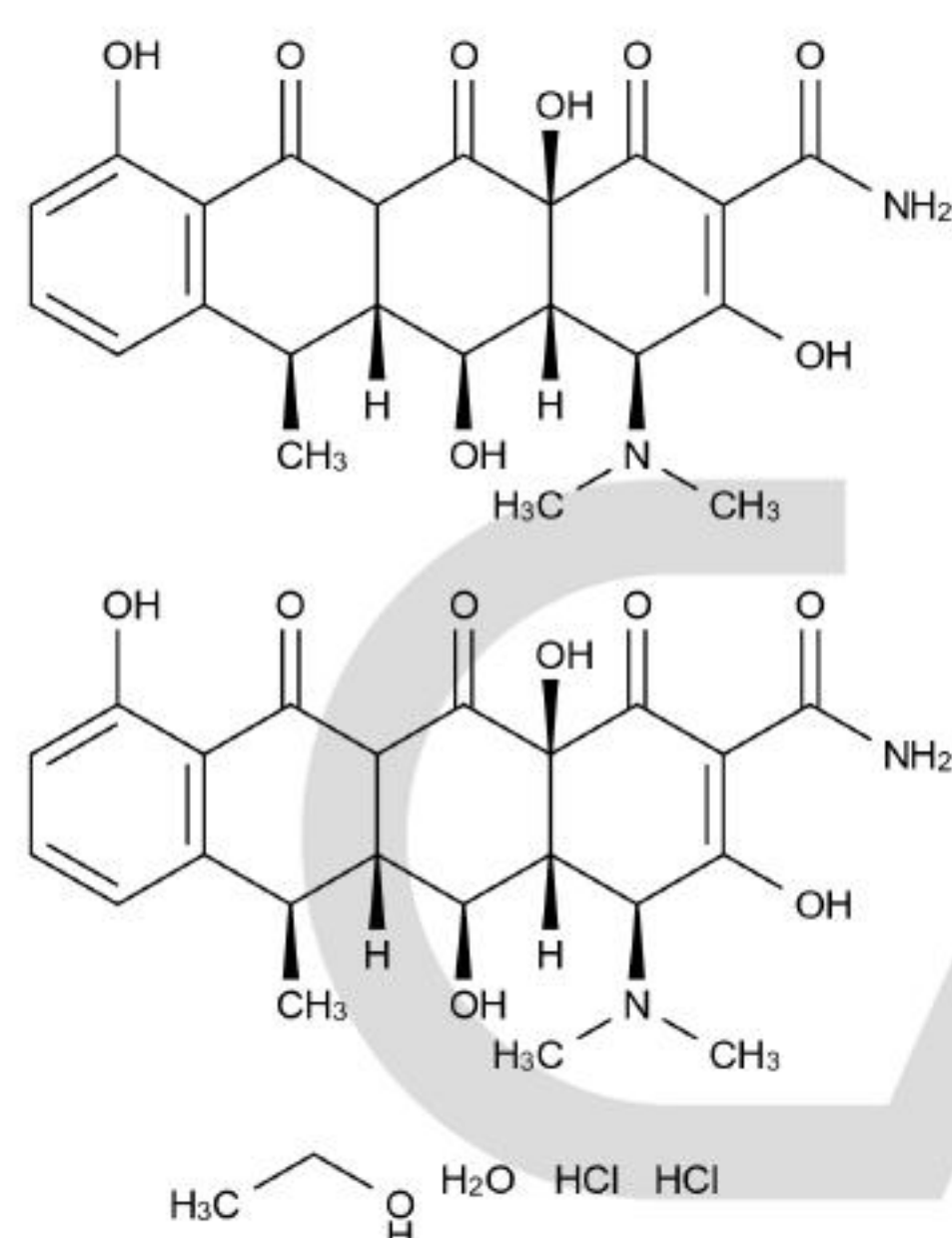


Certificate of Analysis

Reference Material & Standard

Product Name:	Doxycycline Hyclate	Catalogue Number:	CCAD300208
Synonyms:	N/A	Lot Number:	0720-RH-0028
CAS Number:	24390-14-5	Expiry Date:	Jul 22, 2030
Molecular Formula:	2*C ₂₂ H ₂₄ N ₂ O ₈ C ₂ H ₆ O 2*HCl H ₂ O	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	2*444.43 46.07 2*36.46 18.02	Shipping Condition:	Shipping with Ice Packs
Solubility:	Water	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.6%
Assay	qNMR	95.0%
Uncertainty		±1.0%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 23, 2026

Date: Jul 23, 2026

Date: Jul 23, 2026



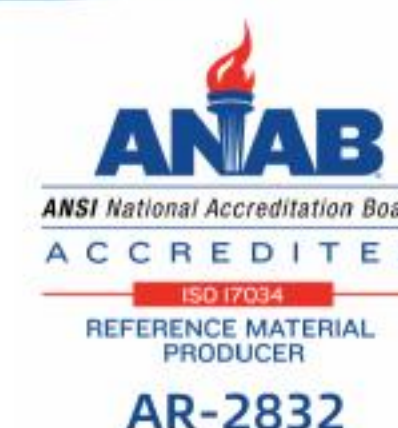
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

Page 1 of 7



Official WeChat