

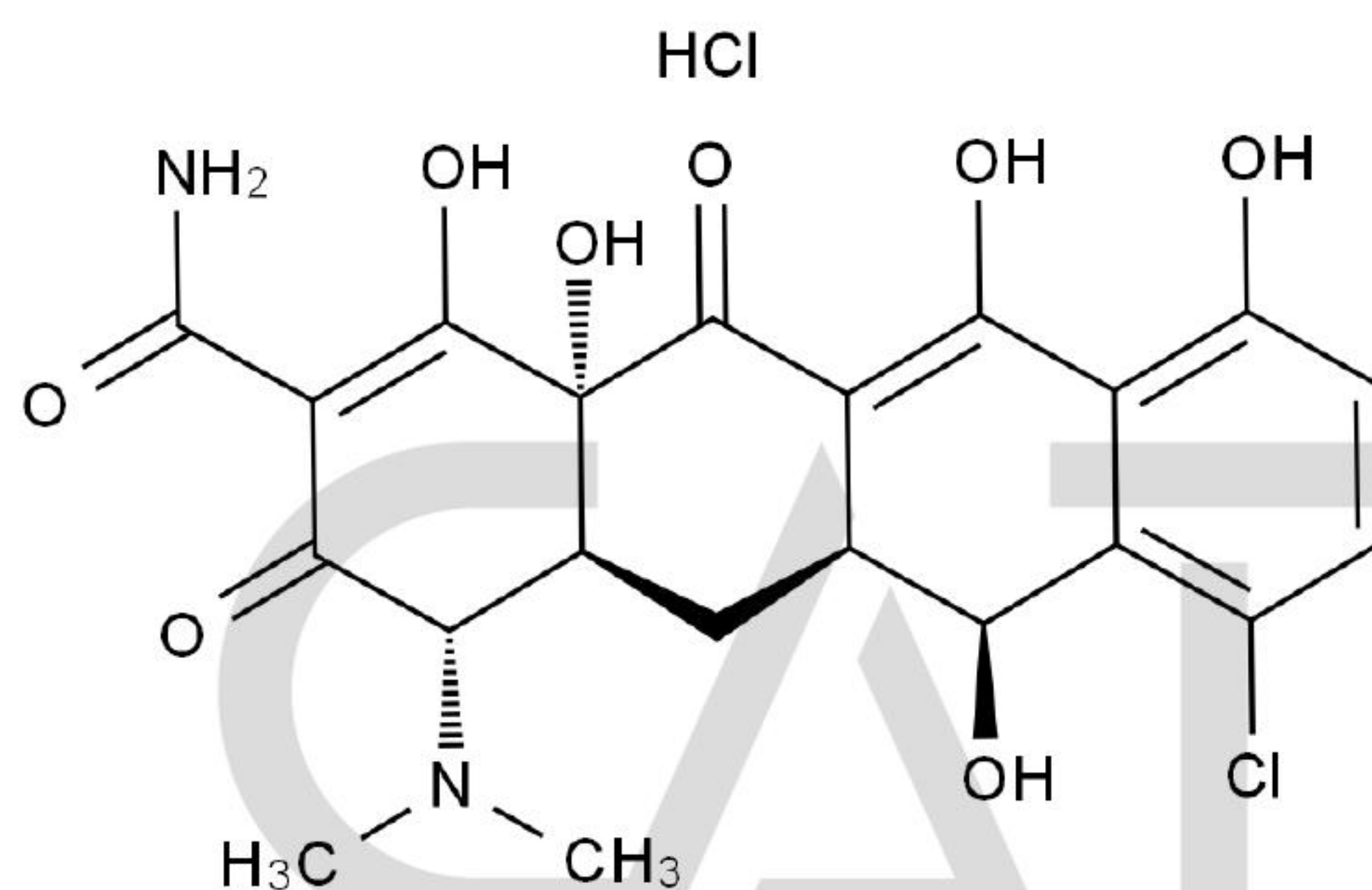
Certificate of Analysis

Reference Material & Standard

Product Name:	Demeclocycline Hydrochloride	Catalogue Number:	CCAD300173
Synonyms:	N/A	Lot Number:	0714-RG-0142
CAS Number:	64-73-3	Expiry Date:	Jul 15, 2029
Molecular Formula:	C ₂₁ H ₂₁ ClN ₂ O ₈ HCl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	464.85 36.46	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	94.6%
Assay	qNMR	94.2%
Uncertainty		±1.1%

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 16, 2025

Date: Jul 16, 2025

Date: Jul 16, 2025

