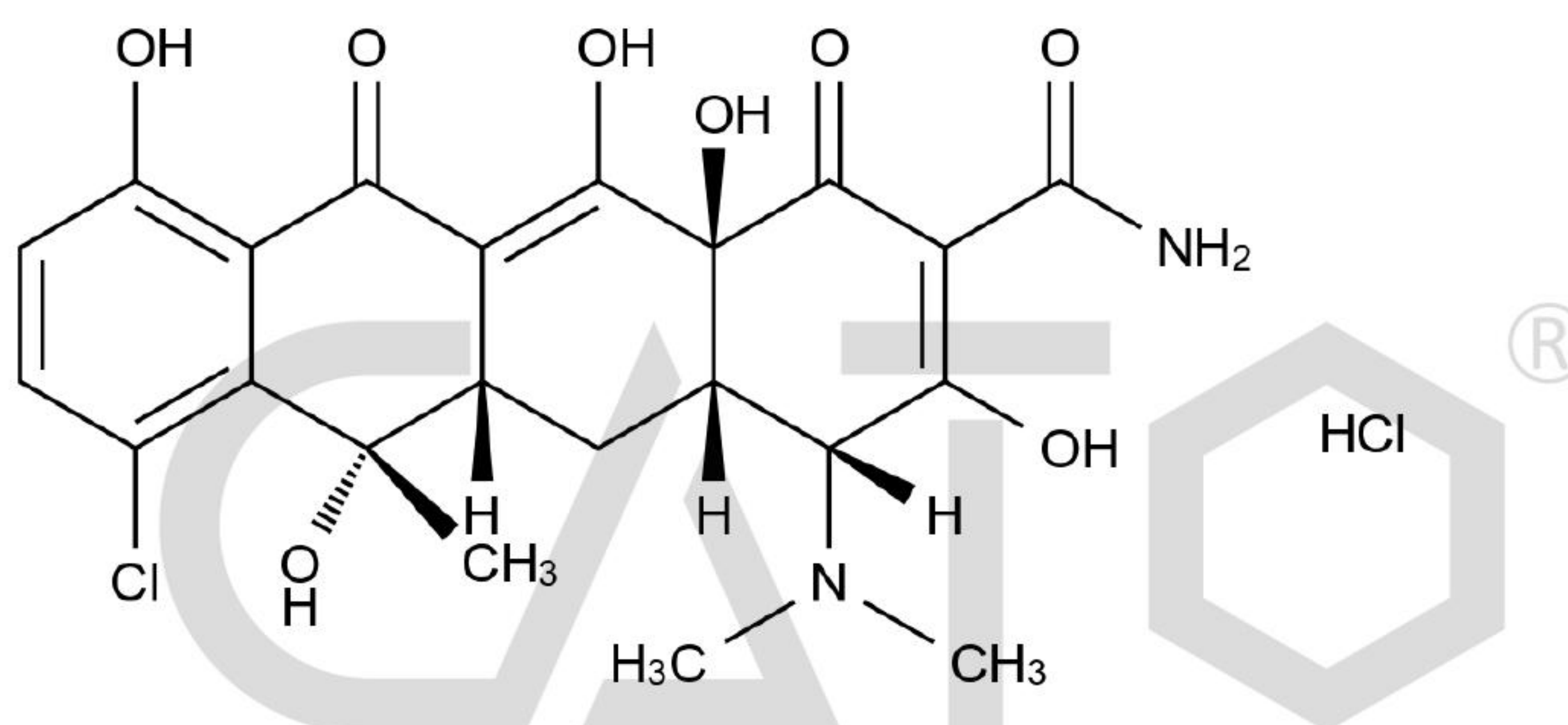


Certificate of Analysis

Reference Material & Standard

Product Name:	Chlortetracycline EP Impurity A HCl	Catalogue Number:	C4X-233026
Synonyms:	N/A	Lot Number:	0727-RH-0128
CAS Number:	101342-45-4	Expiry Date:	Jun 23, 2028
Molecular Formula:	C ₂₂ H ₂₃ ClN ₂ O ₈ HCl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	478.88 36.46	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	97.2%
Assay	qNMR	92.0%

Signature:

Prepared by:

Jim

Reviewed by:

Nice

Approved by General Manager:

David

Date: Jul 27, 2026

Date: Jul 28, 2026

Date: Jul 28, 2026



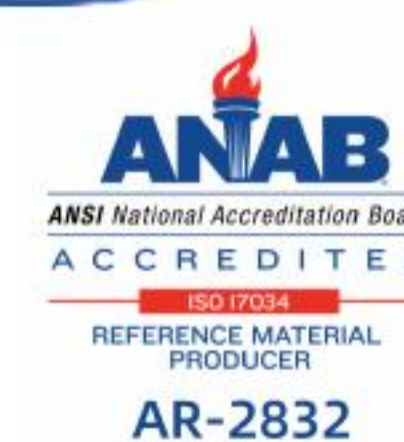
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