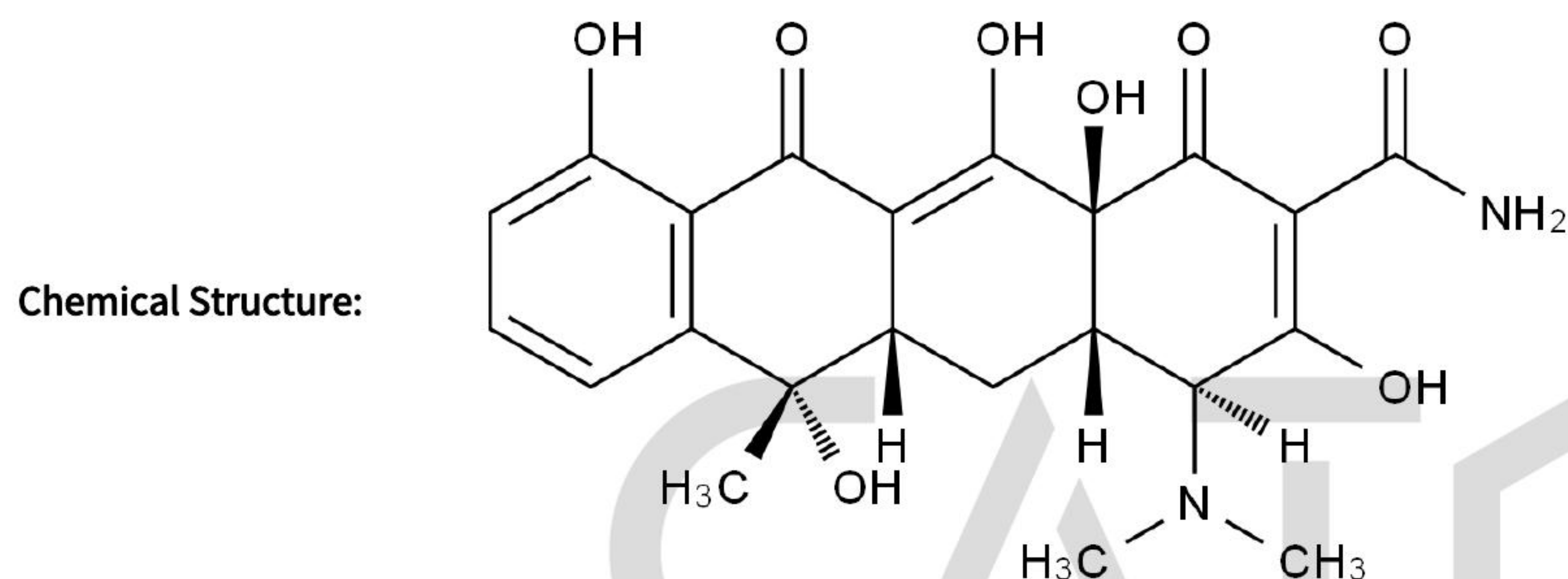


Certificate of Analysis

Reference Material & Standard

Product Name:	Tetracycline	Catalogue Number:	C4X-2331
Synonyms:	N/A	Lot Number:	0307-RG-0053
CAS Number:	60-54-8	Expiry Date:	Mar 06, 2028
Molecular Formula:	C ₂₂ H ₂₄ N ₂ O ₈	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	444.43		



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.703%
Residue on Ignition	TGA	0.0752%
Loss On Drying	TGA	2.8326%
Assay		92.9%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Mar 07, 2025

Date: Mar 07, 2025

Date: Mar 07, 2025

