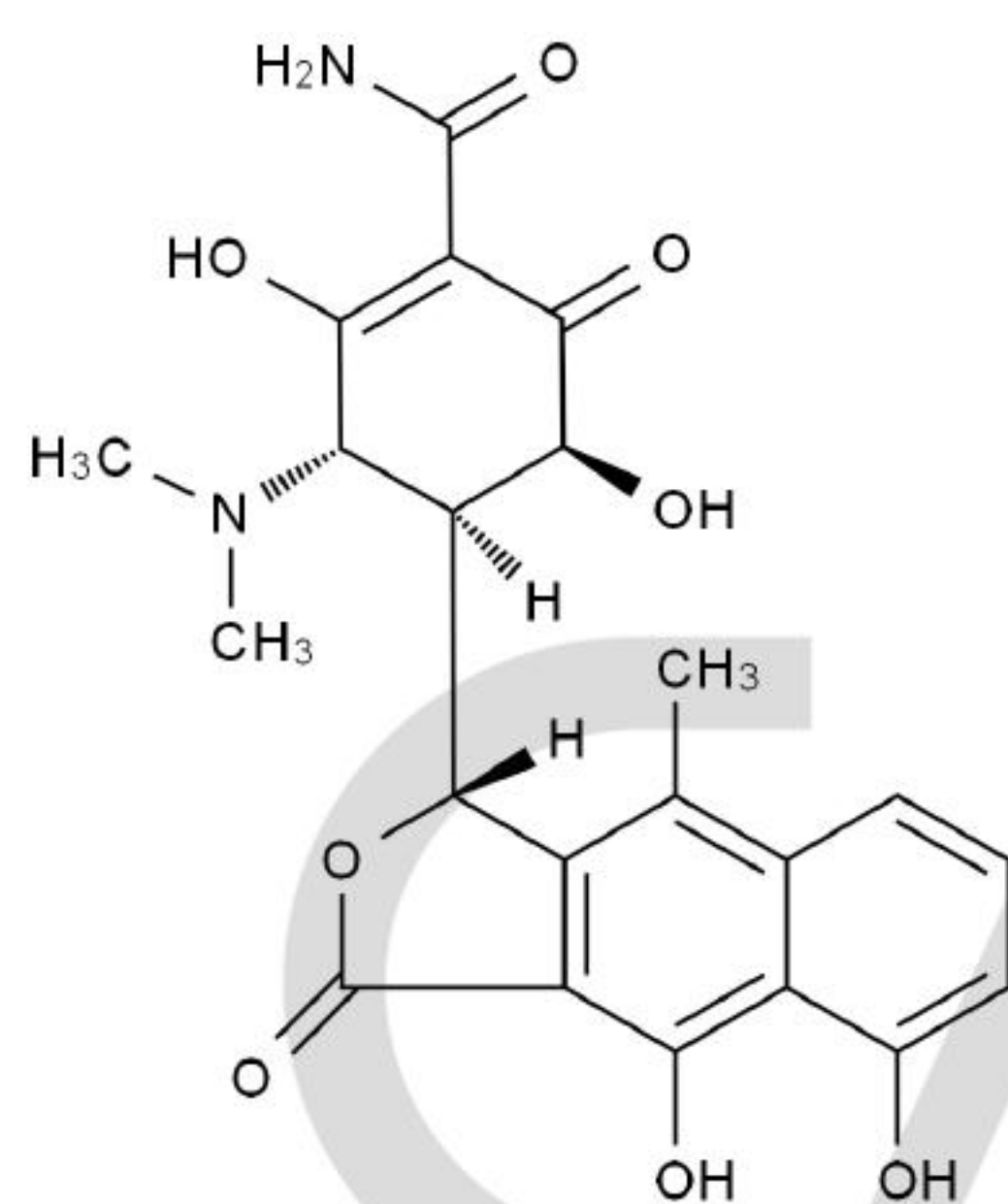


Certificate of Analysis

Reference Material & Standard

Product Name:	Oxytetracycline EP Impurity D	Catalogue Number:	C3D-3243
Synonyms:	N/A	Lot Number:	0808-RG-0095
CAS Number:	18695-01-7	Expiry Date:	Aug 11, 2029
Molecular Formula:	C ₂₂ H ₂₂ N ₂ O ₈	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	442.42	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.9391%
Loss on Drying	TGA	1.8007%
Assay		94.2%

Comment:

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

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

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Aug 19, 2025

Date: Aug 19, 2025

Date: Aug 19, 2025



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>

