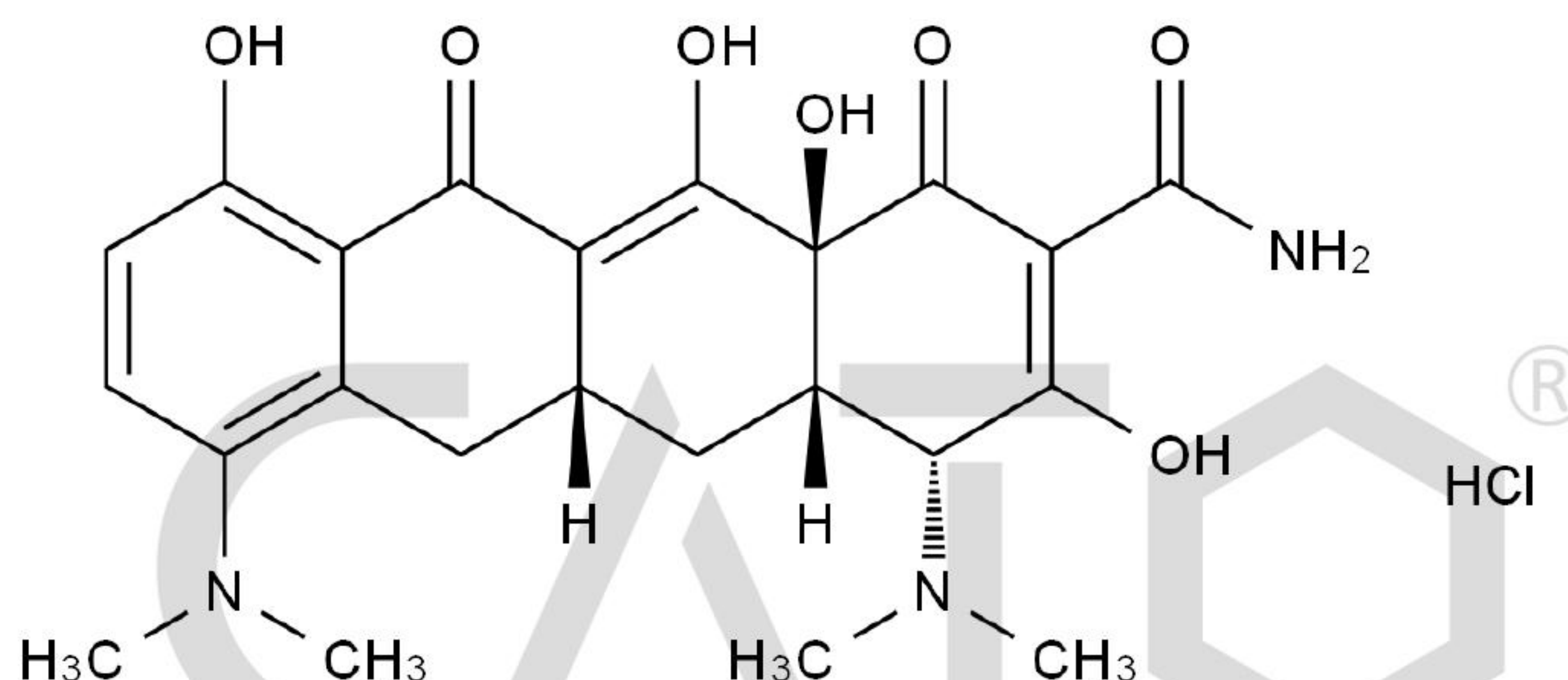


Certificate of Analysis

Reference Material & Standard

Product Name:	Minocycline EP Impurity A HCl	Catalogue Number:	C4X-169922
Synonyms:	N/A	Lot Number:	0401-RC-0013
CAS Number:	43168-51-0(Free Base)	Expiry Date:	Oct 15, 2023
Molecular Formula:	C ₂₃ H ₂₇ N ₃ O ₇ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	457.48 36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Brown Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	100.00%
Loss on Drying	TGA	5.581%
Assay		94.4%

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:

Hin Lam

Reviewed by:

Debia

Approved by General Manager:

David

Date: Apr 02, 2021

Date: Apr 02, 2021

Date: Apr 02, 2021



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>

