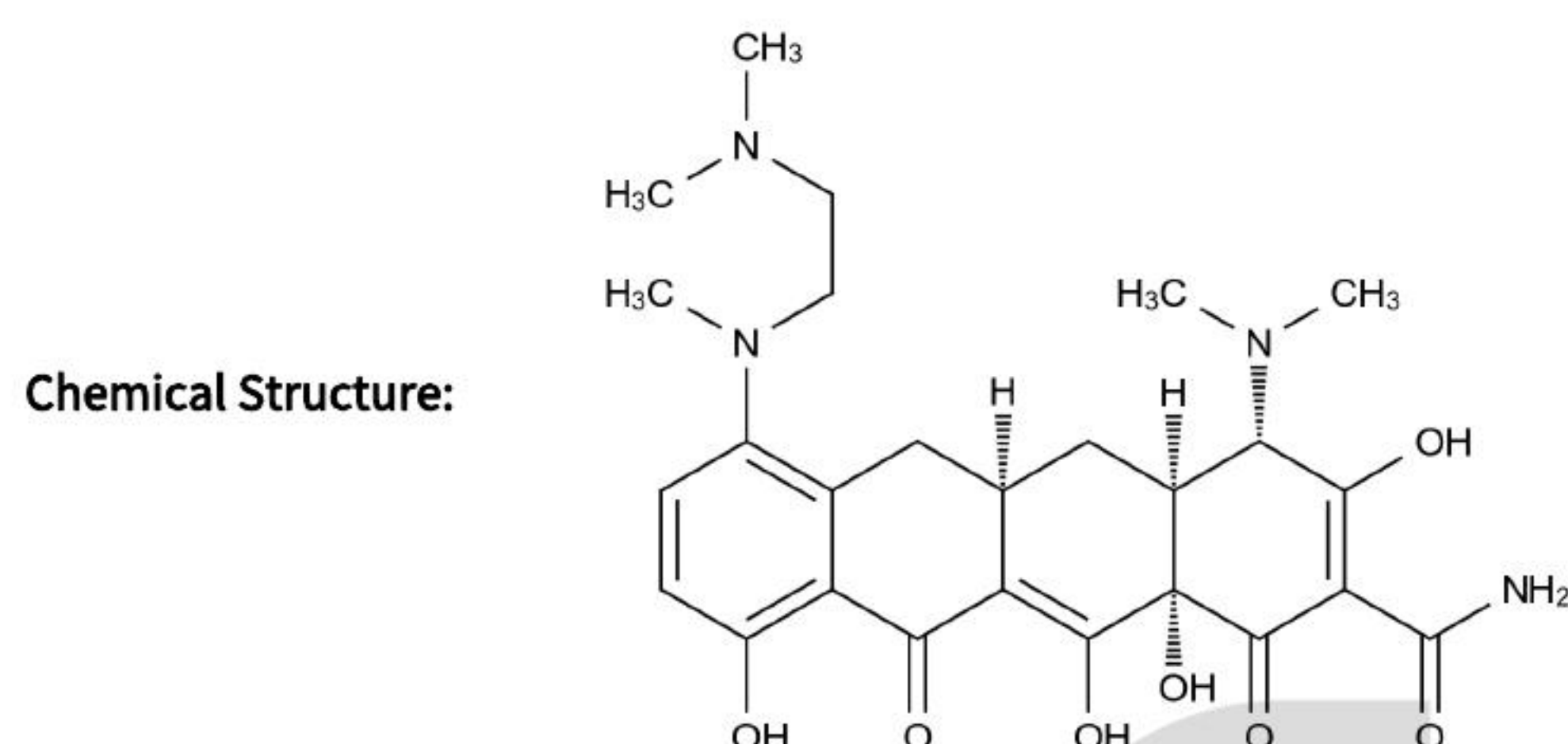


Certificate of Analysis

Reference Material & Standard

Product Name:	(5aR)-7-Desdimethylamino-7-((2-(dimethylamino)ethyl)(methyl)amino)-Minocycline	Catalogue Number:	C4X-169936
Synonyms:	N/A	Lot Number:	0702-RH-0058
CAS Number:	N/A	Expiry Date:	Jul 05, 2027
Molecular Formula:	C ₂₆ H ₃₄ N ₄ O ₇	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	514.57	Shipping Condition:	Shipping with Ice Packs



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	92.01%
Loss on Drying	TGA	2.9490%
Assay	Mass Balance	89.3%

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: Jul 06, 2026

Date: Jul 07, 2026

Date: Jul 07, 2026



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

