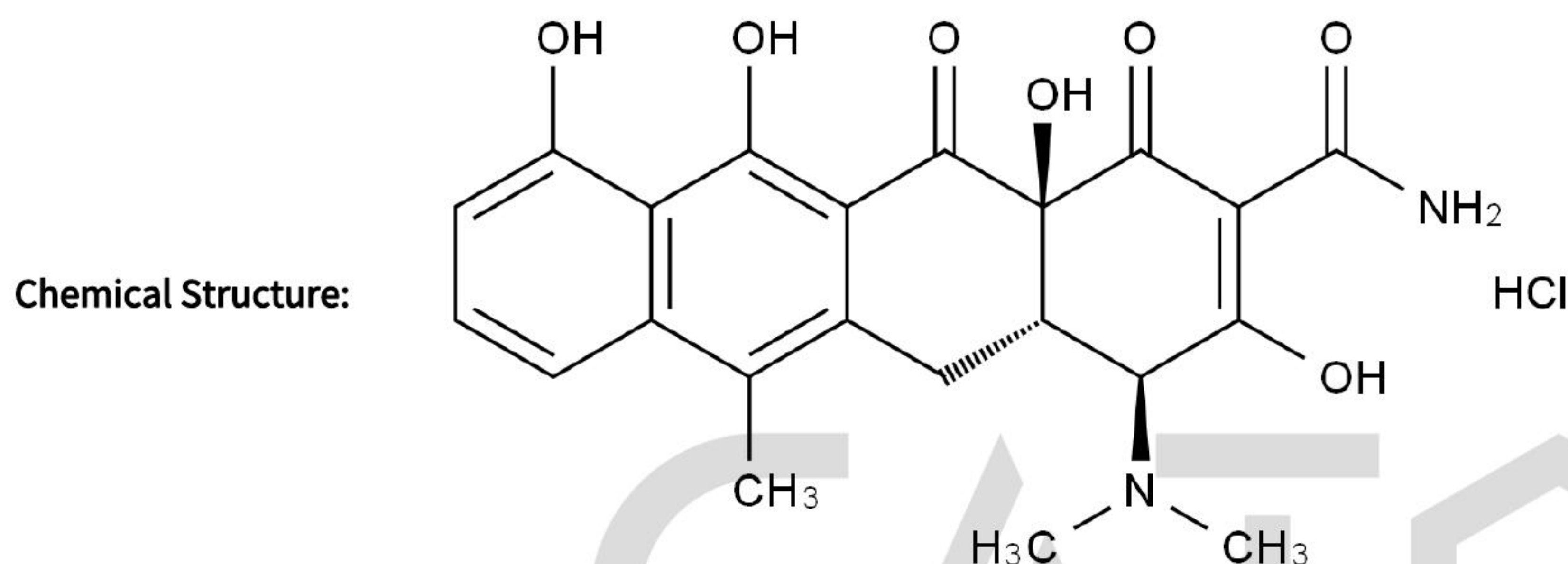


Certificate of Analysis

Reference Material

Product Name:	Anhydrotetracycline Hydrochloride	Catalogue Number:	CCAD300686
Chemical Name:	N/A	Lot Number:	0906-RE-0033
CAS Number:	13803-65-1	Expiry Date:	Feb 09, 2027
Molecular Formula:	C ₂₂ H ₂₂ N ₂ O ₇ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	426.42 36.46		



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.23%
Water Content	Elemental Analysis	3.20%
Assay		94.1%
Uncertainty		±2.0%

Comment:

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

Assay (%) = (100% - Water Content) * Purity HPLC (%) / 100%

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Lisa

Reviewed by:

Hinlam

Aporoved by General manager:

David

Date: Feb 10, 2023

Date: Sep 07, 2023

Date: Sep 07, 2023

