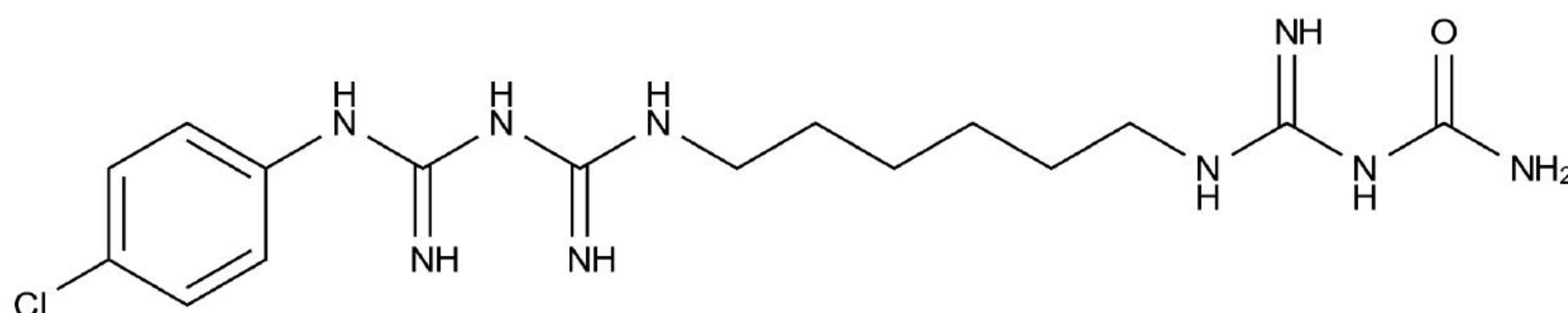


Certificate of Analysis

Reference Material & Standard

Product Name:	Chlorhexidine Diacetate EP Impurity B	Catalogue Number:	C4X-22563
Synonyms:	N/A	Lot Number:	1024-RF-0010
CAS Number:	1308292-89-8	Expiry Date:	Feb 19, 2026
Molecular Formula:	C ₁₆ H ₂₆ ClN ₉ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	395.89		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	96.908%
Loss On Drying	TGA	2.988%
Assay		94.0%

Comment:

The calculation of the 100% 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:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Oct 25, 2024

Date: Oct 28, 2024

Date: Oct 28, 2024

