

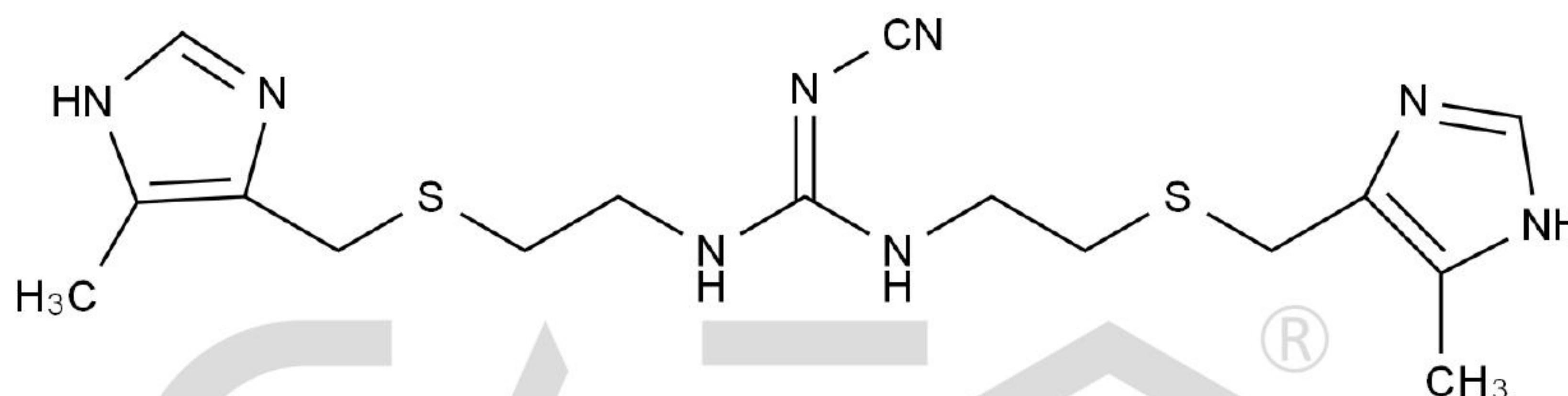
Certificate of Analysis

Reference Material & Standard

Product Name:	Cimetidine EP Impurity F	Catalogue Number:	C4X-15896
Synonyms:	N/A	Lot Number:	0318-RG-0046
CAS Number:	55272-86-1	Expiry Date:	Mar 23, 2028
Molecular Formula:	C ₁₆ H ₂₄ N ₈ S ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	392.55	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.962%
Loss On Drying	TGA	0.2272%
Assay		95.7%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Mar 24, 2025

Date: Mar 24, 2025

Date: Mar 24, 2025

