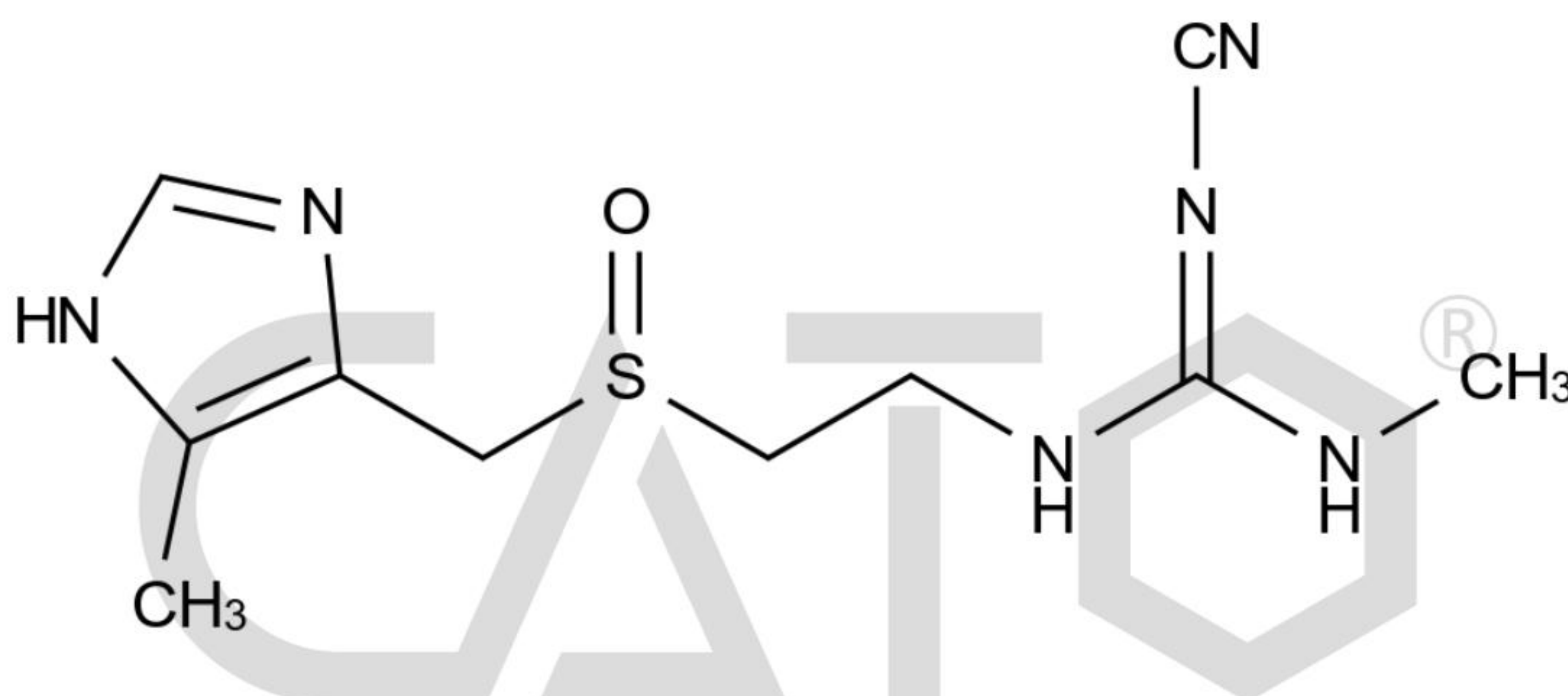


Certificate of Analysis

Reference Material & Standard

Product Name:	Cimetidine EP Impurity E	Catalogue Number:	CP139831
Synonyms:	N/A	Lot Number:	0314-RF-0011
CAS Number:	54237-72-8	Expiry Date:	Mar 20, 2027
Molecular Formula:	C ₁₀ H ₁₆ N ₆ O ₂ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	268.34	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.161%
Loss On Drying	TGA	0.1443%
Assay		96.0%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 31, 2025

Date: Jul 31, 2025

Date: Jul 31, 2025

