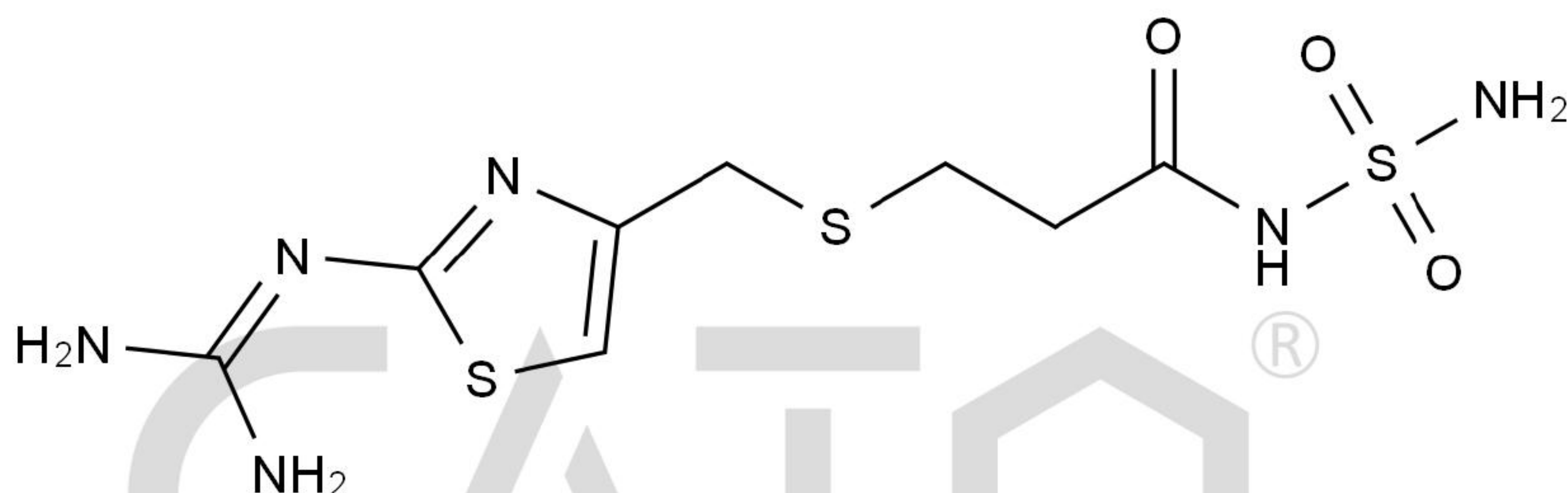


Certificate of Analysis

Reference Material & Standard

Product Name:	Famotidine EP Impurity C	Catalogue Number:	C4X-139220
Synonyms:	Famotidine ChP Impurity I /Famotidine Related Compound C	Lot Number:	0715-RG-0115
CAS Number:	106433-44-7	Expiry Date:	Jul 16, 2029
Molecular Formula:	C ₈ H ₁₄ N ₆ O ₃ S ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	338.43		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.197%
Loss On Drying	TGA	1.6941%
Assay		97.5%

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: Jul 17, 2025

Date: Jul 17, 2025

Date: Jul 17, 2025

