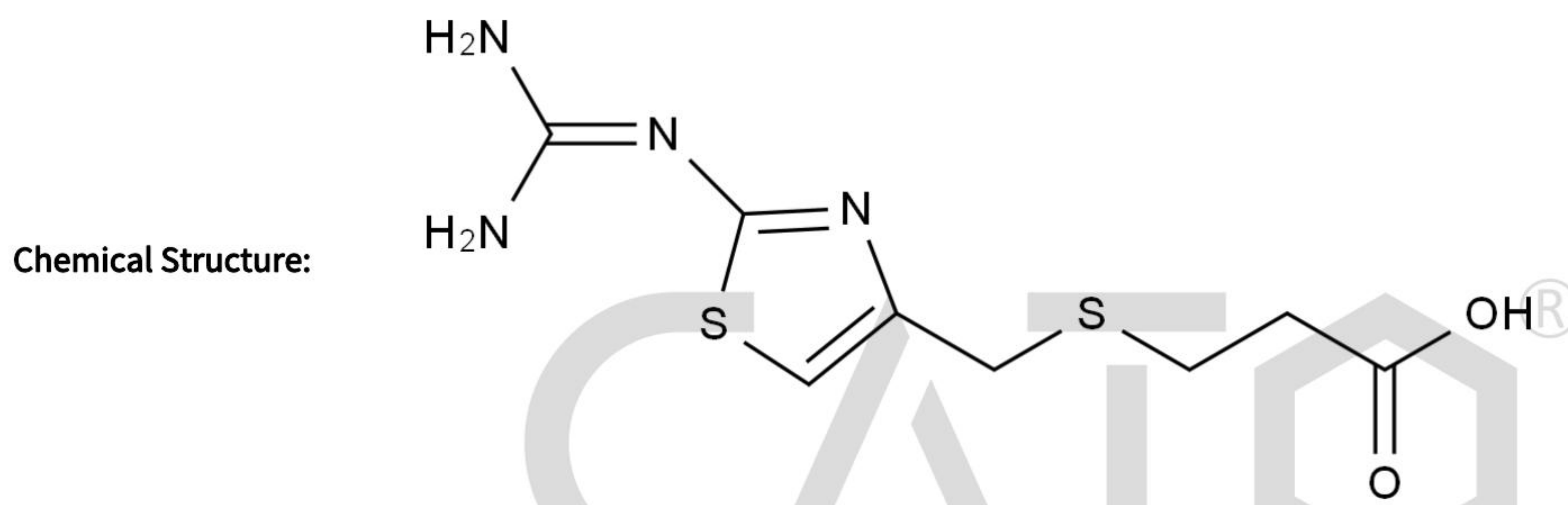


Certificate of Analysis

Reference Material & Standard

Product Name:	Famotidine EP Impurity F	Catalogue Number:	C4X-13926
Synonyms:	N/A	Lot Number:	0811-RG-0062
CAS Number:	107880-74-0	Expiry Date:	Aug 10, 2029
Molecular Formula:	C ₈ H ₁₂ N ₄ O ₂ S ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	260.34		



Test Items	Method	Results
Appearance	Visual inspection	Yellow-Brown Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.211%
Residue on Ignition	TGA	0.6348%
Loss On Drying	TGA	0.8808%
Assay		95.7%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Aug 11, 2025

Date: Aug 11, 2025

Date: Aug 11, 2025

