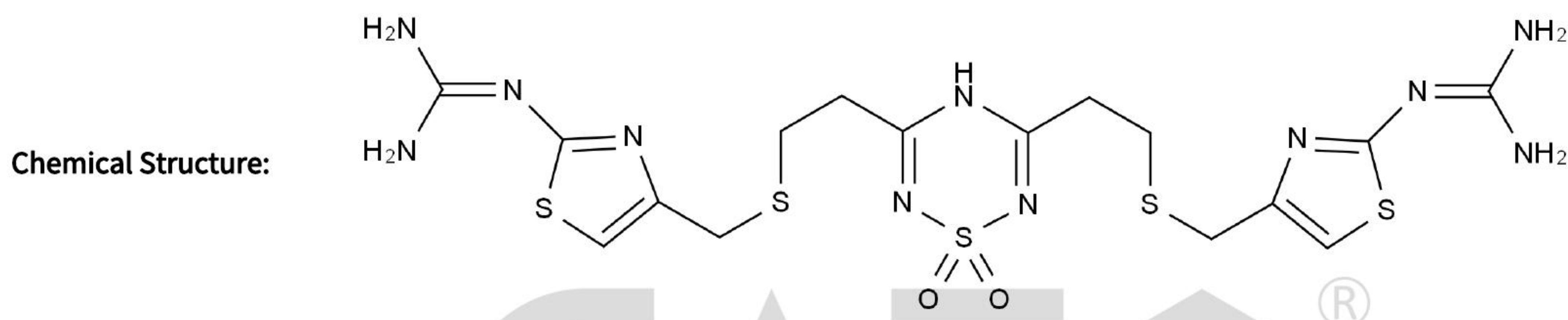


Certificate of Analysis

Reference Material & Standard

Product Name:	Famotidine EP Impurity B	Catalogue Number:	C4X-13922
Synonyms:	Famotidine Related Compound B	Lot Number:	0508-RG-0022
CAS Number:	89268-62-2	Expiry Date:	May 11, 2028
Molecular Formula:	C ₁₆ H ₂₃ N ₁₁ O ₂ S ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	561.75		



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.841%
Loss On Drying	TGA	8.2212%
Assay		88.0%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: May 12, 2025

Date: May 12, 2025

Date: May 12, 2025

