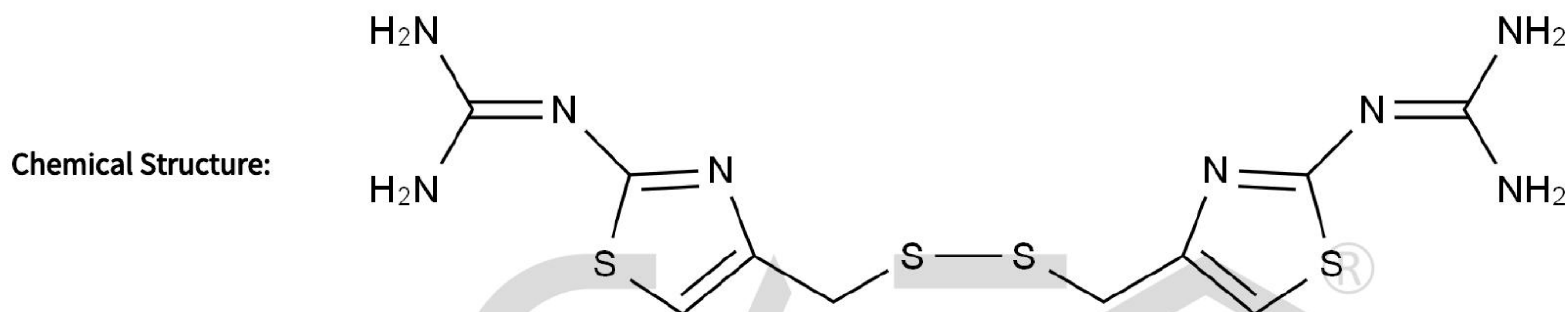


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                               |                   |                                           |
|--------------------|---------------------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Famotidine EP Impurity E                                      | Catalogue Number: | C4X-13925                                 |
| Synonyms:          | N/A                                                           | Lot Number:       | 0728-RG-0148                              |
| CAS Number:        | 129083-44-9                                                   | Expiry Date:      | Jul 29, 2029                              |
| Molecular Formula: | C <sub>10</sub> H <sub>14</sub> N <sub>8</sub> S <sub>4</sub> | Storage:          | -20°C±5°C Protected from light and Sealed |
| Molecular Weight:  | 374.53                                                        |                   |                                           |



| Test Items     | Method            | Results         |
|----------------|-------------------|-----------------|
| Appearance     | Visual inspection | Off-White Solid |
| Identification | LCMS&HNMR         | Confirmed       |
| Purity         | HPLC              | 99.545%         |
| Loss On Drying | TGA               | 1.9694%         |
| Assay          |                   | 97.6%           |

## 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 30, 2025

Date: Jul 30, 2025

Date: Jul 30, 2025

