ISO 17034 : 2016 | ISO 9001 : 2015

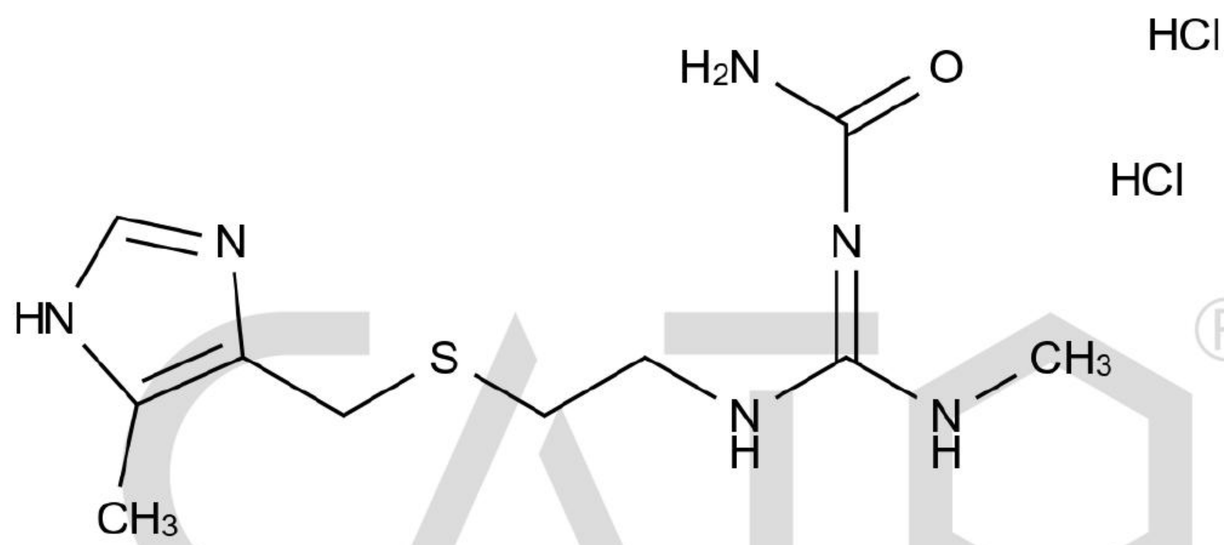
**No.: 202507310093**

# Certificate of Analysis

## Reference Material & Standard

| | | | |
|---|---|---|---|
| **Product Name:** | Cimetidine EP Impurity C Dihydrochloride | **Catalogue Number:** | C4X-158911 |
| **Synonyms:** | N/A | **Lot Number:** | 0428-RF-0078 |
| **CAS Number:** | 52568-80-6 | **Expiry Date:** | Apr 27, 2027 |
| **Molecular Formula:** | C10H18N6OS 2*HCl | **Storage:** | 2°C ~ 8°C Protected from light and Sealed |
| **Molecular Weight:** | 270.35 2*36.46 | | |

**Chemical Structure:**




| Test Items | Method | Results |
|---|---|---|
| **Appearance** | Visual inspection | White Solid |
| **Identification** | LCMS&HNMR | Confirmed |
| **Purity** | HPLC | 96.2% |
| **Assay** | qNMR | 90.0% |

CATO Research Chemicals Inc.

**Signature:**

Prepared by: Koi

Reviewed by: Lisa

Approved by General Manager: David

Date: Jul 31, 2025

Date: Jul 31, 2025

Date: Jul 31, 2025

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