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### CERTIFICATE OF ANALYSIS

Analysis Date:

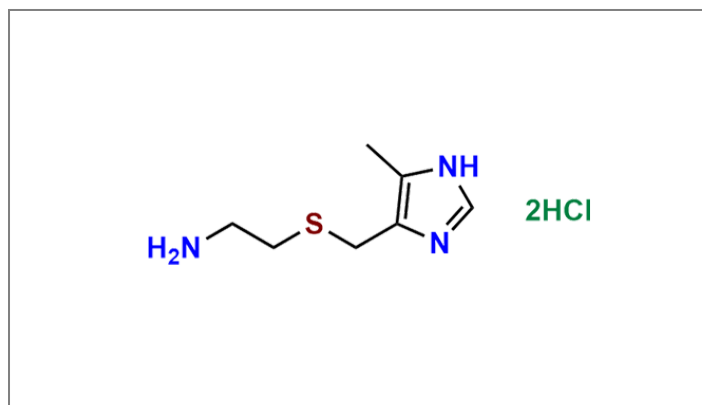
Re-test Date:

**Product Name: Cimetidine EP Impurity J**

**Identification:**

Chemical Name: 2-(((5-Methyl-1H-imidazol-4-yl)methyl)thio)ethan-1-amine Dihydrochloride

Synonyms : NA  
CAS Number : 38603-72-4  
CAT Number : CP-C74010  
Molecular Formula : C<sub>7</sub>H<sub>13</sub>N<sub>3</sub>S.2(HCl)  
Molecular Weight : 171.26 . 2(36.5)



**Analytical Information:**

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.