

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,  
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank  
Navi Mumbai 410208, MH, INDIA. Email- [info@chemicea.com](mailto:info@chemicea.com) Mob- +91 9284897978

### CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Cimetidine EP Impurity A**

#### Identification:

Chemical Name: Methyl3-cyano-1-[2-[[[(5-methyl-1H-imidazol-4-yl)methyl]sulfanyl]ethyl]carbamimidothioate

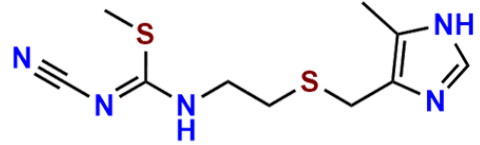
Synonyms : Cimetidine Methyl sulfanyl  
Analog

CAS Number : 52378-40-2

CAT Number : CP-C74001

Molecular Formula : C<sub>10</sub>H<sub>15</sub>N<sub>5</sub>S<sub>2</sub>

Molecular Weight : 269.39



#### 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.