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CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2025

Re-test Date: Jan 2028

Product Name: Famotidine EP Impurity B

Identification:

Chemical Name: 2,2'-((((1,1-Dioxido-4H-1,2,4,6-thiatriazine-3,5-diyl)bis(ethane-2,1-diyl))bis(sulfaneydiyl))bis(methylene))bis(thiazole-4,2-diyl))diguanidine

Synonyms : Famotidine USP Related
Compound B

CAS Number : 89268-62-2

CAT Number : CP-F9002

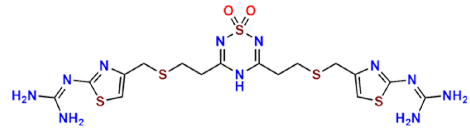
Molecular Formula : C₁₆H₂₃N₁₁O₂S₅

Molecular Weight : 561.74

Batch Number : CP-FAM-B-0224

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol+10% TFA 1 drop /DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	92.64 %
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.