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CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2024

Re-test Date: Feb 2027

Product Name: Metformin EP Impurity E

Identification:

Chemical Name: 1-Methyl Biguanide hydrochloride (as per EP)

Synonyms : Metformin USP Related
Compound B ; N-Desmethyl
Metformin

CAS Number : 1674-62-0

CAT Number : CP-M3005

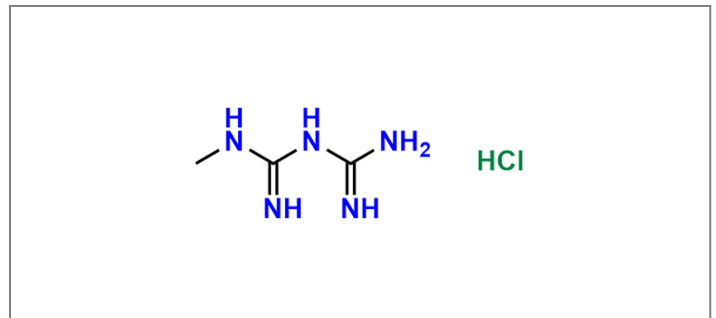
Molecular Formula : C₃H₉N₅ : HCl

Molecular Weight : 115.14 : 36.46

Batch Number : CP-MET-E-0324

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/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.83%
5)	H1NMR	Confirm to structure
6)	13CNMR	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.