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CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2024

Re-test Date: Nov 2027

Product Name: Metformin (In House Standard)

Identification:

Chemical Name: 1,1-Dimethylbiguanide

Synonyms : NA

CAS Number : 657-24-9

CAT Number : CP-M3000

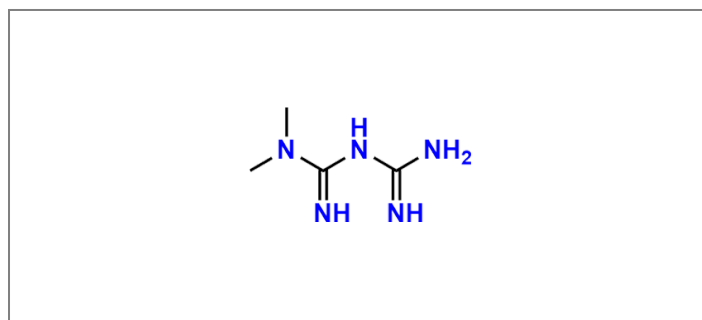
Molecular Formula : C₄H₁₁N₅

Molecular Weight : 129.17

Batch Number : CP-MET-IN-1224

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	99.95%
5)	H1NMR	Confirm to structure
6)	Weight loss by TGA	0.964%
7)	Potency by TGA	98.98%



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.