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CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2024

Re-test Date: Mar 2027

Product Name: Metformin EP Impurity A

Identification:

Chemical Name: 1-Cyanoguanidine

Synonyms : Metformin USP Related
Compound A ; Dicyandiamide

CAS Number : 461-58-5

CAT Number : CP-M3001

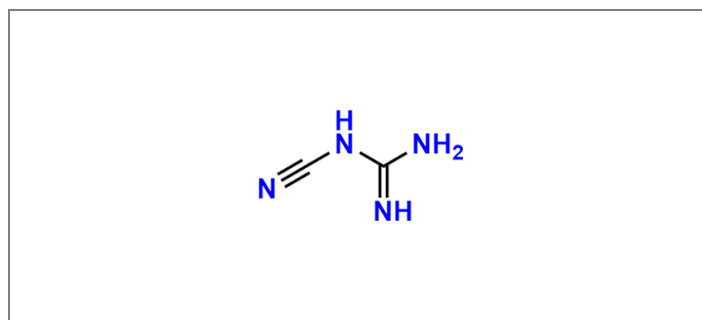
Molecular Formula : C₂H₄N₄

Molecular Weight : 84.08

Batch Number : CHEM-MET-A-0308-001

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 | 99.94% |
| 5) | H1NMR | Confirm to structure |
| 6) | 13CNMR | Confirm to structure |
| 7) | IR | 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.