



## SYNCHEMIA RESEARCH CHEMICAL

Plot No.408, Prakash Industries, 1st Floor, Bhare Phata, Tal- Mulshi, Dist- Pune, Maharashtra India.

Mob.No: 9404317505 / 7276018915

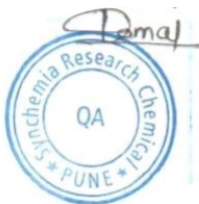
Website: [www.synchemia.com](http://www.synchemia.com)

Email: [info@synchemia.com](mailto:info@synchemia.com) | [sales@synchemia.com](mailto:sales@synchemia.com) | [export@synchemia.com](mailto:export@synchemia.com)

### CERTIFICATE OF ANALYSIS

|                             |                                                                                                 |                                                                      |
|-----------------------------|-------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| Product Name                | : Metformin EP Impurity A                                                                       |                                                                      |
| CAS NO                      | : 461-58-5                                                                                      |                                                                      |
| Batch No                    | : NA                                                                                            |                                                                      |
| Date of Analysis            | : NA                                                                                            |                                                                      |
| Retest Date                 | : NA                                                                                            |                                                                      |
| Structure                   | : <div></div> |                                                                      |
| Chemical Name               | : 1-Cyanoguanidine                                                                              |                                                                      |
| Molecular Formula           | : C2H4N4                                                                                        |                                                                      |
| Molecular Weight            | : 84.1 g/mol                                                                                    |                                                                      |
| Sr. No.                     | Test                                                                                            | Result                                                               |
| 1)                          | Description                                                                                     | NA                                                                   |
| 2)                          | Solubility                                                                                      | NA                                                                   |
| 3)                          | Identification<br>1.Mass<br>2.1H NMR<br>3.IR                                                    | Confirm to structure<br>Confirm to structure<br>Confirm to structure |
| 4)                          | Purity by HPLC                                                                                  | NA                                                                   |
| Long Term Storage Condition |                                                                                                 | 2–8 degrees Celsius                                                  |

Prepared and Reviewed By



Ms Ashwini Gaikwad  
(QC DEPARTMENT)

Approved By



Ms Komal Kapase  
(QA DEPARTMENT)



**Note:** This is only for Analytical testing purpose, not for Human or Animal Consumption