



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : CREATININE AR**

**CAS No** : 60-27-5  
**Mol. Formula** :  $C_4H_7N_3O$   
**Mol. WT** : 113.12  
**Date of Analysis** : 15/04/21

**Product code** : 22760  
**Batch No** : MCRT-14318-02  
**Mfd.** : April 2021  
**Exp.** : March 2026

| S.R | Test                           | Specification                                  | Observation               |
|-----|--------------------------------|------------------------------------------------|---------------------------|
| 1   | <b>Description</b>             | White powder or Crystalline Powder.            | White Crystalline Powder. |
| 2   | <b>Assay</b>                   | 99.5% min                                      | 99.60%                    |
| 3   | <b>Loss on drying</b>          | 0.5% max                                       | 0.40%                     |
| 4   | <b>Heavy metals (as Pb)</b>    | 0.001%max                                      | <0.001 %                  |
| 4   | <b>Arsenic(As)</b>             | 0.1% max                                       | < 0.1%                    |
| 5   | <b>Total plate count</b>       | 1000 cfu/gm max                                | <1000 cfu/gm              |
| 6   | <b>Yeast &amp; mold</b>        | 1000 cfu/gm max                                | <1000 cfu/gm              |
| 7   | <b>Coli Form</b>               | Negative                                       | Negative                  |
| 8   | <b>E.Coli &amp; Salmonella</b> | Negative                                       | Negative                  |
| 9   | <b>Solution</b>                | At least 10g. in 100g. water @ 25 <sup>0</sup> | Completely soluble        |

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[QC Incharge]**

**HEAD-QUALITY ASSUARANCE**  
(G.G.Salian)

**Note:** Computer generated image requires no sign

**MOLYCHEM Office:** 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)  
**Tel:** +91 22 4066 8111, 2205 7772 . **Fax:** + 91 22 2203 4442. **Email :** [info@molychem.net](mailto:info@molychem.net)  
**Works:** Plot No. B/9, Badlapur M.I.D.C., OPP.Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503