

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : HEXAMINE AR**

**CAS No : 100-97-0**  
**Mol. Formula : (CH<sub>2</sub>)<sub>6</sub>N<sub>4</sub>**  
**Mol. WT : 140.19**  
**Date of analysis : 09/10/24**

**Product code : 23460**  
**Batch No. : MCAR-00695**  
**Mfd. : Oct. 2024**  
**Exp. : Sept. 2029**

| S.R | Test                             | Specification               | Observation               |
|-----|----------------------------------|-----------------------------|---------------------------|
| 1   | <b>Description</b>               | A white crystalline powder. | White crystalline powder. |
| 2   | <b>Assay (acidimetric)</b>       | 99.5% w/w min               | 99.60% w/w                |
| 3   | <b>pH (10% solution)</b>         | 8.5 - 9.5                   | 9.13                      |
| 4   | <b>Water-insoluble matter</b>    | 0.005% max                  | 0.003%                    |
| 5   | <b>Sulphated ash</b>             | 0.01% max                   | 0.009%                    |
| 6   | <b>Chloride (Cl)</b>             | 0.002% max                  | <0.002%                   |
| 7   | <b>Sulphate (SO<sub>4</sub>)</b> | 0.005% max                  | <0.005%                   |
| 8   | <b>Ammonium (NH<sub>4</sub>)</b> | 0.01% max                   | <0.01%                    |
| 9   | <b>Copper (Cu)</b>               | 0.0001% max                 | <0.0001% /                |
| 10  | <b>Lead (Pb)</b>                 | 0.0001% max                 | <0.0001%                  |

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

**[Tested By]**



**CHEMIST  
(Akash)**

**[QC Incharge]**



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