

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : MERCURIC SULPHATE AR**

**CAS No : 7783-35-9**

**Mol. Formula : HgSO<sub>4</sub>**

**Mol. WT : 296.65**

**Date of analysis : 12/03/25**

**Product code : 24160**

**Batch No. : MCRT-30706-01**

**Mfd. : March 2025**

**Exp. : Feb. 2030**

| S.R | Test                                 | Specification                         | Observation              |
|-----|--------------------------------------|---------------------------------------|--------------------------|
| 1   | Description                          | White crystals or crystalline powder. | White crystalline powder |
| 2   | Assay (by complexometric)            | 99.0 % min                            | 99.63%                   |
| 3   | Dil. Sulphuric acid insoluble matter | 0.01 % max                            | 0.005%                   |
| 4   | Residue after ignition               | 0.02 % max                            | 0.016%                   |
| 5   | Chloride(Cl)                         | 0.003 % max                           | <0.003 %                 |
| 6   | Nitrate (NO <sub>3</sub> )           | 0.005 % max                           | <0.005 %                 |
| 7   | Lead (Pb)                            | 0.0005 % max                          | <0.0005 %                |
| 8   | Cadmium (Cd)                         | 0.0001 % max                          | <0.0001 %                |
| 9   | Iron (Fe)                            | 0.001 % max                           | <0.001 %                 |
| 10  | Potassium (K)                        | 0.002 % max                           | <0.002 %                 |
| 11  | Copper (Cu)                          | 0.0005 % max                          | <0.0005 %                |
| 12  | Calcium (Ca)                         | 0.004 % max                           | <0.004 %                 |
| 13  | Magnesium(Mg)                        | 0.004 % max                           | <0.004 %                 |
| 14  | Sodium(Na)                           | 0.005 % max                           | <0.005 %                 |
| 15  | Mercurous mercury (Hg)               | 0.05 % max                            | <0.05 %                  |

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

**[Tested By]**



**CHEMIST  
(Akash)**



**[QC Incharge]**



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

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