

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : MERCURIC SULPHATE AR**

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

**Product code : 24160**

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

**Batch No. : MCRT-29822**

**Mol. WT : 296.65**

**Mfd. : Dec. 2023**

**Date of analysis : 04/12/23**

**Exp. : Nov. 2028**

| S.R | Test                                 | Specification                         | Observation  |
|-----|--------------------------------------|---------------------------------------|--------------|
| 1   | Description                          | White crystals or crystalline powder. | White powder |
| 2   | Assay (by complexometric)            | 99.0 % min                            | 99.57 %      |
| 3   | Dil. Sulphuric acid insoluble matter | 0.01 % max                            | 0.005%       |
| 4   | Residue after ignition               | 0.02 % max                            | 0.01%        |
| 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]**

**[QC Incharge]**

**CHEMIST  
(Durvas)**

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

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

**MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)**

**Tel. : +91 22 4066 8111 • Email: [info@molychem.net](mailto:info@molychem.net) • Web: [www.molychem.net](http://www.molychem.net)**

**Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)**

**Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.**