



## **CERTIFICATE OF ANALYSIS**

**Date: 02/02/12**

**PRODUCT NAME : Sulphuric Acid Extra Pure**

**CAS No : 7664-93-9**

**Product code : 19240**

**Mol. Formula : H<sub>2</sub>SO<sub>4</sub>**

**Batch No : MCR-5068**

**Mol. WT : 98.08**

| S.R | Test                                    | Specification    | Observation    |
|-----|-----------------------------------------|------------------|----------------|
| 1   | Assay(acidimetric)                      | 98 % min         | 98.12 %        |
| 2   | Nitric acid (HNO <sub>3</sub> )         | 0.001% max       | < 0.001%       |
| 3   | Arsenic (As)                            | 0.0002% max      | < 0.0002%      |
| 4   | Iron (Fe)                               | 0.002% max       | < 0.002%       |
| 5   | Lead ( Pb)                              | 0.002% max       | < 0.002%       |
| 6   | Substance Reducing<br>KMnO <sub>4</sub> | 0.02 ml N/1% max | < 0.02 ml N/1% |
| 7   | Hydrochloric acid<br>(HCl)              | 0.0005% max      | < 0.0005%      |
| 8   | Wt per ml (at 20 <sup>0</sup> c)        | About 1.84 g     | 1.840 g        |
| 9   | Non volatile matter                     | 0.01% max        | 0.007%         |

**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./9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503**