



## **CERTIFICATE OF ANALYSIS**

Date: 01/12/12

**PRODUCT NAME : SULPHURIC ACID EXTRA PURE**

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

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

**Mol. WT : 98.08**

**Product code : 19240**

**Batch No : MCR-6050**

**Mfd. : Dec. 2012**

| S.R | Test                                 | Specification    | Observation    |
|-----|--------------------------------------|------------------|----------------|
| 1   | Assay(acidimetric)                   | 98 % w/w min     | 98.05%w/w      |
| 2   | Wt per ml (at 20 <sup>0</sup> c)     | About 1.84 g     | 1.840 g        |
| 3   | Hydrochloric acid (HCl)              | 0.0005% max      | < 0.0005%      |
| 4   | Nitric acid (HNO <sub>3</sub> )      | 0.001% max       | < 0.001%       |
| 5   | Lead ( Pb)                           | 0.002% max       | < 0.002%       |
| 6   | Arsenic (As)                         | 0.0002% max      | < 0.0002%      |
| 7   | Iron (Fe)                            | 0.002% max       | < 0.002%       |
| 8   | Substance Reducing KMnO <sub>4</sub> | 0.02 ml N/1% max | < 0.02 ml N/1% |
| 9   | Non volatile matter                  | 0.01% max        | 0.008%         |

**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

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