



## **CERTIFICATE OF ANALYSIS**

Date : 22/12/16

**PRODUCT NAME : HYDROCHLORIC ACID PURE**

CAS No : 7647-01-0  
Mol. Formula : HCl  
Mol. WT : 36.46  
Exp. : Nov. 2021

Product code : 14860  
Batch No : MCR-12880  
Mfd. : Dec. 2016

| S.R | Test                                             | Specification | Observation |
|-----|--------------------------------------------------|---------------|-------------|
| 1   | Assay (acidimetric)                              | 35 - 37 % w/w | 36.72% w/w  |
| 2   | Wt. per ml at 20°C                               | about 1.18g   | 1.180g      |
| 3   | Non volatile matter                              | 0.01% max     | 0.004%      |
| 4   | Free Chlorine (Cl)                               | 0.0005% max   | < 0.0005%   |
| 5   | Sulphuric Acid (H <sub>2</sub> SO <sub>4</sub> ) | 0.02% max     | < 0.02%     |
| 6   | Iron (Fe)                                        | 0.0005% max   | < 0.0005 %  |
| 7   | Lead (Pb)                                        | 0.0005% max   | < 0.0005 %  |

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

**[Tested By]**

**[QC Incharge]**

HEAD-QUALITY ASSURANCE  
(G.G.Salian)

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

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