



## **CERTIFICATE OF ANALYSIS**

**Date:** 25/12/16

**PRODUCT NAME :** HYDROCHLORIC ACID GR

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

**Product code** : 23540  
**Batch No** : MCR-12887  
**Mfd.** : Dec. 2016

| S.R | Test                        | Specification | Observation |
|-----|-----------------------------|---------------|-------------|
| 1   | Assay (acidimetric)         | 35.8 - 36.5%  | 36.25 %     |
| 2   | Non volatile matter         | 0.001% max    | 0.0005%     |
| 3   | Free Chlorine (Cl)          | 0.0002% max   | < 0.0002%   |
| 4   | Sulphate (SO <sub>4</sub> ) | 0.0005% max   | < 0.0005%   |
| 5   | Sulphite (SO <sub>3</sub> ) | 0.0001% max   | < 0.0001%   |
| 6   | Ammonium (NH <sub>4</sub> ) | 0.0003% max   | < 0.0003%   |
| 7   | Arsenic (As)                | 0.000002% max | < 0.000002% |
| 8   | Copper (Cu)                 | 0.00001% max  | < 0.00001%  |
| 9   | Iron (Fe)                   | 0.00004% max  | < 0.00004%  |
| 10  | Lead (Pb)                   | 0.00005% max  | < 0.00005%  |

**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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