



## CERTIFICATE OF ANALYSIS

Date: 19/11/17

PRODUCT NAME : HYDROCHLORIC ACID AR

CAS No : 7647-01-0  
Mol. Formula : HCl  
Mol. WT : 36.46  
Exp. : Oct. 2022

Product code : 23540  
Batch No : MCR-14809  
Mfd. : Nov. 2017

| S.R | Test                        | Specification | Observation |
|-----|-----------------------------|---------------|-------------|
| 1   | Assay (acidimetric)         | 35.8 - 36.5%  | 36.19 %     |
| 2   | Non volatile matter         | 0.001% max    | 0.0008%     |
| 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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