



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : PERCHLORIC ACID 70 % AR**

**CAS No : 7601-90-3**

**Mol. Formula : HClO<sub>4</sub>**

**Mol. WT : 100.46**

**Date of analysis : 21/02/19**

**Product code : 24637**

**Batch No : MCR-18077**

**Mfd. : Feb. 2019**

**Exp. : Jan. 2024**

| S. R | Test                                           | Specification              | Observation                |
|------|------------------------------------------------|----------------------------|----------------------------|
| 1    | Description                                    | A clear colourless liquid. | A clear colourless liquid. |
| 2    | Assay                                          | 69.5 - 72.0 %              | 71.59%                     |
| 3    | Chloride (Cl)                                  | 0.001% max                 | < 0.001 %                  |
| 4    | Lead (Pb)                                      | 0.0001% max                | < 0.0001%                  |
| 5    | Iron (Fe)                                      | 0.0001% max                | < 0.0001%                  |
| 6    | Nitrogen compounds (as N)                      | 0.001 % max                | < 0.001 %                  |
| 7    | Residue on ignition                            | 0.003 % max                | 0.001 %                    |
| 8    | Silicate and Phosphates (as SiO <sub>2</sub> ) | 0.0005% max                | < 0.0005%                  |
| 9    | Sulphate (SO <sub>4</sub> )                    | 0.001 % max                | < 0.001 %                  |

**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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