



## **CERTIFICATE OF ANALYSIS**

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

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

**Mol. Formula :  $\text{HClO}_4$**

**Mol. WT : 100.46**

**Date of analysis : 25/07/19**

**Product code : 24637**

**Batch No : MCR-19238**

**Mfd. : July 2019**

**Exp. : June 2024**

| S. R | Test                                         | Specification              | Observation                |
|------|----------------------------------------------|----------------------------|----------------------------|
| 1    | Description                                  | A clear colourless liquid. | A clear colourless liquid. |
| 2    | Assay                                        | 69.5 - 72.0 %              | 71.02%                     |
| 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 $\text{SiO}_2$ ) | 0.0005% max                | < 0.0005%                  |
| 9    | Sulphate ( $\text{SO}_4$ )                   | 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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