

## CERTIFICATE OF ANALYSIS

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

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

**Product code : 24637**

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

**Batch No : MCR-31134**

**Mol. WT : 100.46**

**Mfd. : May 2024**

**Date of analysis : 29/05/24**

**Exp. : April 2029**

| S.R | Test                                                | Specification              | Observation                |
|-----|-----------------------------------------------------|----------------------------|----------------------------|
| 1   | <b>Description</b>                                  | A clear colourless liquid. | A clear colourless liquid. |
| 2   | <b>Assay</b>                                        | 69.5 - 72.0 %              | 71.25%                     |
| 3   | <b>Chloride (Cl)</b>                                | 0.001% max                 | < 0.001 %                  |
| 4   | <b>Lead (Pb)</b>                                    | 0.0001% max                | < 0.0001%                  |
| 5   | <b>Iron (Fe)</b>                                    | 0.0001% max                | < 0.0001%                  |
| 6   | <b>Nitrogen compounds (as N)</b>                    | 0.001 % max                | < 0.001 %                  |
| 7   | <b>Residue on ignition</b>                          | 0.003 % max                | 0.002 %                    |
| 8   | <b>Silicate and Phosphates (as SiO<sub>2</sub>)</b> | 0.0005% max                | < 0.0005%                  |
| 9   | <b>Sulphate (SO<sub>4</sub>)</b>                    | 0.001 % max                | < 0.001 %                  |

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

**[Tested By]**



**CHEMIST  
(Durvas)**

**[QC Incharge]**



**HEAD-QUALITY ASSURANCE  
(G.G.Salian)**

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

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