

## CERTIFICATE OF ANALYSIS

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

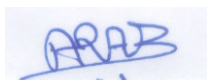
**CAS No** : 7601-90-3  
**Mol. Formula** :  $\text{HClO}_4$   
**Mol. WT** : 100.46  
**Date of analysis** : 15/05/25

**Product code** : 24637  
**Batch No** : MCR-33999  
**Mfd.** : May 2025  
**Exp.** : April 2030

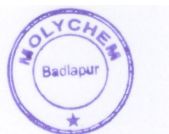
| S.R | Test                                         | Specification              | Observation                |
|-----|----------------------------------------------|----------------------------|----------------------------|
| 1   | Description                                  | A clear colourless liquid. | A clear colourless liquid. |
| 2   | Assay                                        | 69.5 - 72.0 %              | 71.66%                     |
| 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                | 0.002 %                    |
| 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]**



**CHEMIST  
(Akash)**



**[QC Incharge]**



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

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