



## **CERTIFICATE OF ANALYSIS**

Date 05/01/17

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

CAS No : 7601-90-3  
Mol. Formula :  $\text{HClO}_4$   
Mol. WT : 100.46  
Exp. : Dec. 2021

Product code : 24637  
Batch No : MCR-12936  
Mfd. : Jan. 2017

| S. R | Test                                         | Specification | Observation |
|------|----------------------------------------------|---------------|-------------|
| 1    | Assay                                        | 69.5 - 72.0 % | 71.52%      |
| 2    | Chloride (Cl)                                | 0.001% max    | < 0.001 %   |
| 3    | Lead (Pb)                                    | 0.0001% max   | < 0.0001%   |
| 4    | Iron (Fe)                                    | 0.0001% max   | < 0.0001%   |
| 5    | Nitrogen compounds (as N)                    | 0.001 % max   | < 0.001 %   |
| 6    | Residue on ignition                          | 0.003 % max   | 0.002 %     |
| 7    | Silicate and Phosphates (as $\text{SiO}_2$ ) | 0.0005% max   | < 0.0005%   |
| 8    | 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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