



CERTIFICATE OF ANALYSIS

PRODUCT NAME : PERCHLORIC ACID 60% AR

CAS No : 7601-90-3
Mol. Formula : HClO₄
Mol. WT : 100.46
Date of Analysis : 17/08/19

Product code : 24635
Batch No : MCR-19362
Mfd. : Aug. 2019
Exp. : July 2024

| S.R | Test | Specification | Observation |
|-----|---|-------------------------|-------------------------|
| 1 | Description | Clear colourless liquid | Clear colourless liquid |
| 2 | Assay | 60.0-62.0 % | 62.30% |
| 3 | Non volatile matter | 0.003 % max | 0.002% |
| 4 | Chlorate(ClO₃) | 0.0012 % max | < 0.0012 % |
| 5 | Chloride(Cl) | 0.0001 % max | < 0.0001 % |
| 6 | Free chlorine(Cl) | 0.0005 % max | < 0.0005 % |
| 7 | Nitrate(NO₃) | 0.001 % max | < 0.001 % |
| 8 | Phosphate & Silicate (SiO₂) | 0.0003 % max | < 0.0003 % |
| 9 | Sulphate(SO₄) | 0.0004 % max | < 0.0004 % |
| 10 | Ammonium(NH₄) | 0.0002 % max | < 0.0002 % |
| 11 | Arsenic (As) | 0.000005 % max | < 0.000005 % |
| 12 | Copper(Cu) | 0.00001 % max | < 0.00001 % |
| 13 | Iron (Fe) | 0.00005% max | < 0.00005 % |
| 14 | Lead (Pb) | 0.00001 % max | < 0.00001 % |
| 15 | Manganese(Mn) | 0.00005 % max | < 0.00005 % |
| 16 | Mercury(Hg) | 0.00001 % max | < 0.00001 % |
| 17 | Potassium(K) | 0.002 % max | < 0.002 % |
| 18 | Silver(Ag) | 0.00001 % max | < 0.00001 % |
| 19 | Sodium(Na) | 0.002 % max | < 0.002 % |

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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