



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : NITRIC ACID AR**

**CAS No : 7697-37-2**

**Mol. Formula : HNO<sub>3</sub>**

**Mol. WT : 63.01**

**Date of analysis : 22/04/24**

**Product code : 24440**

**Batch No : MCAR-00064**

**Mfd. : April 2024**

**Exp. : March 2029**

| S.R | Test                                     | Specification                     | Observation                       |
|-----|------------------------------------------|-----------------------------------|-----------------------------------|
| 1   | Description                              | A clear colourless fuming liquid. | A clear colourless fuming liquid. |
| 2   | Assay                                    | 69.0 - 71.0%                      | 70.14%                            |
| 3   | Non volatile matter                      | 0.001% max                        | 0.0008%                           |
| 4   | Chloride (Cl)                            | 0.00005% max                      | < 0.00005%                        |
| 5   | Phosphate & silicate (SiO <sub>2</sub> ) | 0.0001% max                       | < 0.0001%                         |
| 6   | Sulphate (SO <sub>4</sub> )              | 0.0002% max                       | < 0.0002%                         |
| 7   | Arsenic (As)                             | 0.000001% max                     | < 0.000001%                       |
| 8   | Copper (Cu)                              | 0.00001% max                      | < 0.00001%                        |
| 9   | Iron (Fe)                                | 0.00002% max                      | < 0.00002%                        |
| 10  | Lead (Pb)                                | 0.00001% max                      | < 0.00001%                        |
| 11  | Manganese (Mn)                           | 0.00004% max                      | < 0.00004%                        |

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Deepa)**

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

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

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