



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : NITRIC ACID AR**

|                         |                          |                     |                       |
|-------------------------|--------------------------|---------------------|-----------------------|
| <b>CAS No</b>           | <b>: 7697-37-2</b>       | <b>Product code</b> | <b>: 24440</b>        |
| <b>Mol. Formula</b>     | <b>: HNO<sub>3</sub></b> | <b>Batch No</b>     | <b>: MCR-22589-01</b> |
| <b>Mol. WT</b>          | <b>: 63.01</b>           | <b>Mfd.</b>         | <b>: Nov. 2022</b>    |
| <b>Date of analysis</b> | <b>: 23/11/22</b>        | <b>Exp.</b>         | <b>: Oct. 2027</b>    |

| S.R | Test                                     | Specification                     | Observation                       |
|-----|------------------------------------------|-----------------------------------|-----------------------------------|
| 1   | Description                              | A clear colourless fuming liquid. | A clear colourless fuming liquid. |
| 2   | Assay                                    | 69.0 - 71.0%                      | 70.48%                            |
| 3   | Non volatile matter                      | 0.001% max                        | 0.0006%                           |
| 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]**

**CHEMIST  
(Sayali)**

**[QC Incharge]**

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

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

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