



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : NITRIC ACID PURE LR 69-72%**

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

**Mol. Formula :  $\text{HNO}_3$**

**Mol. WT : 63.01**

**Date of analysis : 02/10/22**

**Product code : 16560**

**Batch No. : MCR-26679**

**Mfd. : Oct. 2022**

**Exp. : Sept. 2027**

| S.R | Test                                       | Specification                                    | Observation                                      |
|-----|--------------------------------------------|--------------------------------------------------|--------------------------------------------------|
| 1   | Description                                | A clear colourless liquid with corrosive vapour. | A clear colourless liquid with corrosive vapour. |
| 2   | Assay                                      | 69 - 72%                                         | 71.26%                                           |
| 3   | Wt. per ml (at 20°C)                       | 1.41 – 1.42 g                                    | 1.41g                                            |
| 4   | Non volatile matter                        | 0.01% max                                        | 0.008%                                           |
| 5   | Hydrochloric acid (HCl)                    | 0.005% max                                       | < 0.005%                                         |
| 6   | Sulphuric acid ( $\text{H}_2\text{SO}_4$ ) | 0.01% max                                        | < 0.01%                                          |
| 7   | Arsenic (As)                               | 0.0001% max                                      | < 0.0001%                                        |
| 8   | Iron (Fe)                                  | 0.005% max                                       | < 0.005%                                         |
| 9   | Lead (Pb)                                  | 0.0005% max                                      | < 0.0005%                                        |

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

**[Tested By]**

**[QC Incharge]**

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

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

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