



## CERTIFICATE OF ANALYSIS

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

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

**Product code : 16560**

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

**Batch No : MCR-16912**

**Mol. WT : 63.01**

**Mfd. : Sept. 2018**

**Date of analysis : 17/09/18**

**Exp. : Aug. 2023**

| 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%   | 70.23%   |
| 3   | Wt. per ml (at 20 <sup>0</sup> c)                | 1.41 – 1.42 g                                    | 1.42g  |
| 4   | Non volatile matter                              | 0.01% max  | 0.004%   |
| 5   | Hydrochloric acid (HCl)                          | 0.005% max                                       | < 0.005%   |
| 6   | Sulphuric acid (H <sub>2</sub> SO <sub>4</sub> ) | 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 ASSUARANCE  
(G.G.Salian)**

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

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