



## **CERTIFICATE OF ANALYSIS**

Date : 05/09/18

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

**CAS No** : 7697-37-2  
**Mol. Formula** :  $\text{HNO}_3$   
**Mol. WT** : 63.01  
**Exp.** : Aug .2023

**Product code** : 16560  
**Batch No** : MCR-16826  
**Mfd.** : Sept. 2018

| 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%                                         | 70.24%                                           |
| 3   | Wt. per ml (at 20 <sup>0</sup> c)          | 1.41 – 1.42 g                                    | 1.42g                                            |
| 4   | Non volatile matter                        | 0.01% max                                        | 0.003%                                           |
| 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 ASSUARANCE**  
(G.G.Salian)

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

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