



## **CERTIFICATE OF ANALYSIS**

Date : 16/04/17

PRODUCT NAME : NITRIC ACID PURE 69-72%

CAS No : 7697-37-2  
Mol. Formula :  $\text{HNO}_3$   
Mol. WT : 63.01  
Exp. : March 2022

Product code : 16560  
Batch No : MCR-13589  
Mfd. : April 2017

| S.R | Test                                       | Specification | Observation |
|-----|--------------------------------------------|---------------|-------------|
| 1   | Assay                                      | 69 - 72% w/w  | 70.41%w/w   |
| 2   | Wt. per ml (at 20 <sup>0</sup> c)          | 1.41 – 1.42 g | 1.41 g      |
| 3   | Non volatile matter                        | 0.01% max     | 0.008%      |
| 4   | Hydrochloric acid (HCl)                    | 0.005% max    | < 0.005%    |
| 5   | Sulphuric acid ( $\text{H}_2\text{SO}_4$ ) | 0.01% max     | < 0.01%     |
| 6   | Arsenic (As)                               | 0.0001% max   | < 0.0001%   |
| 7   | Iron (Fe)                                  | 0.005% max    | < 0.005%    |
| 8   | 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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