



## **CERTIFICATE OF ANALYSIS**

Date : 13/09/16

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

**CAS No** : 7697-37-2  
**Mol. Formula** :  $\text{HNO}_3$   
**Mol. WT** : 63.01  
**Exp.** : Aug. 2021

**Product code** : 16560  
**Batch No** : MCR-12286  
**Mfd.** : Sept. 2016

| S.R | Test                                       | Specification | Observation |
|-----|--------------------------------------------|---------------|-------------|
| 1   | Assay                                      | 69 - 72%      | 70.05%      |
| 2   | Wt. per ml (at 20 <sup>0</sup> c)          | 1.41 – 1.42 g | 1.41g       |
| 3   | Non volatile matter                        | 0.01% max     | 0.006%      |
| 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.

**MOLYCHEM Office:** 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)  
**Tel:** +91 22 4066 8111, 2205 7772 . **Fax:** + 91 22 2203 4442. **Email :** [info@molychem.net](mailto:info@molychem.net)  
**Works:** Plot No. B/9, Badlapur M.I.D.C., OPP.Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503