

## CERTIFICATE OF ANALYSIS

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

**CAS No** : 7697-37-2  
**Mol. Formula** :  $\text{HNO}_3$   
**Mol. WT** : 63.01  
**Date of analysis** : 29/04/25

**Product code** : 16560  
**Batch No.** : MCR-33869  
**Mfd.** : April 2025  
**Exp.** : March 2030

| 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%                                         | 70.50%                                           |
| 3    | Wt. per ml (at 20°C)                       | 1.41 – 1.42 g                                    | 1.414g                                           |
| 4    | Non-volatile matter                        | 0.01% max                                        | 0.0006%                                          |
| 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]**



**CHEMIST**  
**(Pratiksha. S)**



**[QC Incharge]**



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

**MOLYCHEM H.Q. :** Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: [info@molychem.net](mailto:info@molychem.net) • Web: [www.molychem.net](http://www.molychem.net)

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.