



## CERTIFICATE OF ANALYSIS

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

<b>CAS No</b>	<b>: 7697-37-2</b>	<b>Product code</b>	<b>: 16560</b>
<b>Mol. Formula</b>	<b>: HNO<sub>3</sub></b>	<b>Batch No</b>	<b>: MCR-23922</b>
<b>Mol. WT</b>	<b>: 63.01</b>	<b>Mfd.</b>	<b>: Aug. 2021</b>
<b>Date of analysis</b>	<b>: 10/08/21</b>	<b>Exp.</b>	<b>: July 2026</b>

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%	70.61%
3	Wt. per ml (at 20 <sup>o</sup> c)	1.41 – 1.42 g	1.415g
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.

**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.L.D.C.,OPP.Shobhavat Textile Co.,**

**Kulgaon, Badlapur (E), Dist.-Thane-421 503**