

## CERTIFICATE OF ANALYSIS

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

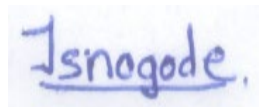
**CAS No : 7697-37-2**  
**Mol. Formula : HNO<sub>3</sub>**  
**Mol. WT : 63.01**  
**Date of analysis : 14/10/24**

**Product code : 16560**  
**Batch No. : MCR-32155**  
**Mfd. : Oct. 2024**  
**Exp. : Sept. 2029**

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%	69.88%
3	Wt. per ml (at 20 <sup>o</sup> c)	1.41 – 1.42 g	1.41g
4	Non volatile matter	0.01% max	0.006%
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%

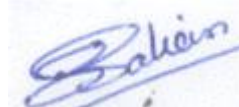
**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**



**CHEMIST**  
**(Jyoti)**

**[QC Incharge]**



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

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