

CERTIFICATE OF ANALYSIS

PRODUCT NAME : HYDROCHLORIC ACID AR

CAS No : 7647-01-0

Mol. Formula : HCl

Mol. WT : 36.46

Date of analysis : 19/10/24

Product code : 23540

Batch No : MCAR-00744

Mfd. : Oct. 2024

Exp. : Sept. 2029

S.R	Test	Specification	Observation
1	Description	A clear colourless fuming liquid.	A clear colourless fuming liquid.
2	Assay (acidimetric)	35.8 - 36.5%	36.54%
3	Non volatile matter	0.001% max	0.0007%
4	Free Chlorine (Cl)	0.0002% max	< 0.0002%
5	Sulphate (SO ₄)	0.0005% max	< 0.0005%
6	Sulphite (SO ₃)	0.0001% max	< 0.0001%
7	Ammonium (NH ₄)	0.0003% max	< 0.0003%
8	Arsenic (As)	0.000002% max	< 0.000002%
9	Copper (Cu)	0.00001% max	< 0.00001%
10	Iron (Fe)	0.00004% max	< 0.00004%
11	Lead (Pb)	0.00005% max	< 0.00005%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Shruti)**

[QC Incharge]



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

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