

**Qualikems**

Qualikems Lifesciences Pvt. Ltd.

(Formerly known as Qualikems fine chem Pvt Ltd)

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CERTIFICATE OF ANALYSIS

Name of Product	:	Hydrochloric acid	CAS No.	:	7647-01-0
Molecular Formula	:	HCl	Molecular Weight	:	36.46 g/mol
Batch No.	:	QF2503113	Grade	:	AR
Mfg. Date	:	March-2025	Retest Date	:	February -2030

Sr. No.	Tests	Specification	Observation
1	Appearance	Clear Colorless Liquid	Complies
2	Minimum assay	35.4 %	35.56 %
	Maximum Limits of Impurities:		
3	Non-volatile matter	0.001 %	0.0004 %
4	Free chlorine(Cl)	0.0002 %	0.0001 %
5	Sulphate(SO ₄)	0.0005 %	< 0.0005 %
6	Sulphite (SO ₃)	0.0001 %	0.00006 %
7	Aluminium(Al)	0.00005 %	0.00003 %
8	Ammonium(NH ₄)	0.0003 %	0.0001 %
9	Arsenic(As)	0.000002 %	< 0.000002 %
10	Copper(Cu)	0.00001 %	0.000004 %
11	Iron(Fe)	0.00004 %	< 0.00004 %
12	Lead(Pb)	0.00005 %	0.00002%

Conclusion: Product complies as per above specification.

Note: This document has been produced electronically and it is valid without signature.

Quality of our product tested and reported in the COA are as per the specification and without any prejudice/liability what so ever the end product performance

(An ISO 9001 : 2015 & 14001 : 2015 & 45001:2018 Certified Company)

NSIC - CRISIL SE 2B which indicates " High Performance Capability & Moderate Financial Strength