



Qualikems Lifesciences Pvt. Ltd.

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CERTIFICATE OF ANALYSIS

Name of Product	: Hypophosphorous Acid 50 %	CAS No.	: 6303-21-5
Molecular Formula	: H_3PO_2	Molecular Weight	: 66.00 g/mole
Batch No.	: QF2512295	Grade	: AR
Mfg. Date	: December-2025	Retest Date	: November-2030

Sr. No.	Tests	Specification	Observation
1	Appearance	colorless, deliquescent crystals or oily liquid	Complies
2	Assay(acidimetric)	Min 49.5%	50.51 %
3	Phosphorous acid and Phosphoric acid(as H_3PO_3)	Max 2.0 %	1.04 %
4	Chloride(Cl)	0.015%	< 0.015 %
5	Total Sulphur (as SO_4)	0.02%	< 0.02 %
6	Arsenic(as As)	0.0005%	0.0004 %
7	Ba(Barium)	0.005%	0.003 %
8	Ca(Calcium)	0.005%	0.004 %
9	Cd(Cadmium)	0.0001%	0.00006 %
10	Cu(Copper)	0.0005%	0.0003 %
11	Fe(Iron)	0.005%	0.002 %
12	K(Potassium)	0.001%	0.0006 %
13	Mn(Manganese)	0.0005%	0.0002 %
14	Na(Sodium)	0.01%	0.003 %
15	Ni(Nickel)	0.0005%	0.0003 %
16	Pb(Lead)	0.0005%	0.0002 %
17	Zn(Zinc)	0.0001%	0.00006 %

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.

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