Qualikems Lifesciences Pvt. Ltd.

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CERTIFICATE OF ANALYSIS

Name of Product	:	Orthophosphoric acid 85 %	**CAS No.**	:	7664-38-2
Molecular Formula	:	H_3PO_4	**Molecular Weight**	:	98.0 g/mole
Batch No.	:	QF2611099	**Grade**	:	LR
Mfg. Date	:	November-2026	**Retest Date**	:	October -2031

Sr. No.	Tests	Specification	Observation
1	Appearance	Clear, Colorless liquid free from suspended particles	Complies
2	Assay(acidimetric)	85-88%	85.56 %
	Maximum Limits of Impurities :		
3	Volatile acids(as CH_3COOH)	0.001%	0.0006 %
4	Lead (Pb)	0.001%	0.0002 %
5	Chloride (CI)	0.005 %	0.003%
6	Fluoride(F)	0.001 %	0.0004 %
7	Nitrate (NO_3)	0.0005%	0.0002 %
8	Potassium(K)	0.005%	0.003 %
9	Phosphite, hypophosphite (as H3PO3)	0.02 %	0.01 %
10	Sulphate (SO_4)	0.01%	0.004 %
11	Heavy metals (as Pb)	0.001 %	0.0006 %
12	Arsenic (As)	0.0002%	0.0001 %
13	Calcium, Aluminium	Passes test	Complies
14	Iron (Fe)	0.005%	0.002 %
15	Copper (Cu)	0.002%	0.001 %
16	Sodium (Na)	0.03%	0.01 %
17	Zinc (Zn)	0.002%	0.001 %

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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