Qualikems Lifesciences Pvt. Ltd.

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CERTIFICATE OF ANALYSIS

Name of Product	:	Potassium Dihydrogen Orthophosphate	**CAS No.**	:	7778-77-0
Molecular Formula	:	KH_2PO_4	**Molecular Weight**	:	136.09 g/mole
Batch No.	:	QB2610015	**Grade**	:	LR
Mfg. Date	:	October-2026	**Retest. Date**	:	September-2031

Sr. No.	Tests	Specification	Observation
1	Appearance	White Crystalline powder	Complies
2	Assay(by acidimetric on dried substance)	98-101%	98.52 %
3	pH (5% solution in water)	4.0-4.5	4.24
	Maximum limits of impurities:#		
4	Chloride (Cl)	0.001%	<0.001 %
5	Sulphate (SO_4)	0.02 %	<0.02 %
6	Heavy metals(as Pb)	0.001 %	0.0006 %
7	Iron (Fe)	0.002%	<0.002 %
8	Arsenic(As)	0.0002 %	<0.0002 %
9	Copper(Cu)	0.0025%	0.0014 %
10	Sodium(Na)	0.1%	0.06 %
11	Zinc(Zn)	0.0025%	0.0012 %
12	Reducing substances by KMnO4 (as O)	0.04 %	0.03 %
13	Substances insoluble in water	0.2%	0.1 %
14	Loss on drying (130°C)	2.0 %	1.10 %

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.