



Qualikems Lifesciences Pvt. Ltd.

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CERTIFICATE OF ANALYSIS

Name of Product	: Di-Sodium Hydrogen Ortho Phosphate Anhydrous	CAS No.	: 7558-79-4
Molecular Formula	: Na ₂ HPO ₄	Molecular Weight	: 141.96 g/mole
Batch No.	: QF2508180	Grade	: LR
Mfg. Date	: August-2025	Retest Date	: July-2030

Sr. No.	Tests	Specification	Observation
1	Appearance	White Crystalline powder	Complies
2	Assay	98.0 -100.5 %	98.53 %
3	pH (2 %water)	8.7 - 9.3	8.90
Maximum Limits of Impurities:			
4	Substances insoluble in water	0.2 %	0.1 %
5	Chloride(Cl)	0.02%	<0.02%
6	Fluoride (F)	0.001 %	0.0006 %
7	Sulphate(SO ₄)	0.05%	<0.05%
8	Heavy Metal (Pb)	0.001 %	0.0006 %
9	Ammonium (NH ₄)	0.002%	<0.002%
10	Arsenic (As)	0.0002 %	0.0001 %
11	Copper(Cu)	0.0025%	0.0012 %
12	Iron(Fe)	0.002%	< 0.002%
13	Lead(Pb)	0.001 %	0.0006 %
14	Zinc (Zn)	0.0025 %	0.0014 %
15	Loss on drying(130°C)	5 %	2.01 %

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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