



Qualikems Lifesciences Pvt. Ltd.

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CERTIFICATE OF ANALYSIS

Name of Product	: Sodium Di-Hydrogen Orthophosphate (Dihydrate)	CAS No.	: 13472-35-0
Molecular Formula	: $\text{NaH}_2\text{PO}_4 \cdot 2\text{H}_2\text{O}$	Molecular Weight	: 156.01 g/mole
Batch No.	: QF2509032	Grade	: LR
Mfg. Date	: September-2025	Retest Date	: August-2030

Sr. No.	Tests	Specification	Observation
1	Appearance	White powder or colorless crystals	Complies
2	Assay	Min. 98%	98.58 %
3	pH 5 % Solution	4.2-4.5	4.32
Maximum limits of impurities:#			
4	Chloride (Cl)	0.005%	< 0.005%
5	Fluoride(F)	0.001%	0.0004 %
6	Hydrogen phosphate(HPO_4)	0.5%	0.4 %
7	Sulphate(SO_4)	0.02%	< 0.02%
8	Heavy metals(as Pb)	0.0005%	0.0004%
9	Arsenic(As)	0.0002%	< 0.0002%
10	Lead(Pb)	0.0005%	0.0003%
11	Calcium(Ca)	0.005%	0.002 %
12	Iron(Fe)	0.001%	< 0.001%
13	Copper(Cu)	0.0025%	0.0016 %
14	Magnesium(Mg)	0.005%	0.003 %
15	Zinc(Zn)	0.0025%	0.0016 %
16	Substances reducing KMnO_4	0.04%	0.03%
17	Loss on drying(130°C)	21.5-24.0 %	22.4 %

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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