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### CERTIFICATE OF ANALYSIS

**Name of Sample** : **Di Sodium hydrogen orthophosphate anhydrous AR**  
**Batch No.** : **226862**  
**Date of Mfg.** : **Aug 2023**  
**Date of Exp.** : **July 2028**  
**Register No.** : **2023-24**  
**Qty of Sample** : **500gm**  
**Date of Analysis** : **Aug 2023**

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	White Granular Powder, Hygroscopic, soluble in water
2.	Assay (on dry basis)	99.81% Na <sub>2</sub> HPO <sub>4</sub>	Min.99.0%
3.	pH (0.1M solution)	9.15	9.1 - 9.3
4.	Water-insoluble matter	0.002%	Max.0.01%
5.	Chloride	0.0015%	Max.0.002%
6.	Nitrogen compounds	0.0001%	Max.0.002%
7.	Sulphate	0.0002%	Max.0.005%
8.	Copper	0.0002%	Max.0.001%
9.	Iron	0.0005%	Max.0.001%
10.	Lead	0.0002%	Max.0.001%
11.	Potassium	0.002%	Max.0.01%

**Chief Chemist**