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### CERTIFICATE OF ANALYSIS

**Name of the Sample** : **di Sodium hydrogen orthophosphate dodecahydrate AR**  
**Batch No.** : **226463**  
**Date of Mfg** : **April 2023**  
**Date of Expiry** : **March 2028**  
**Register No** : **2023-24**  
**Qty of Sample** : **500gm**  
**Date of Analysis** : **April 2023**

S.No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	White Crystalline Powder
2.	Solubility	Passes	Freely soluble in water ; Practically insoluble in Ethanol
3.	Assay	99.6% Na <sub>2</sub> HPO <sub>4</sub> .12H <sub>2</sub> O	Min.99.0%
4.	Water-insoluble matter	0.001%	Max.0.003%
5.	Chloride	0.0006%	Max.0.001%
6.	Nitrogen compounds	0.0002%	Max.0.002%
7.	Sulphate	0.001%	Max.0.005%
8.	Iron	0.0001%	Max.0.0002%
9.	Lead	0.0002%	Max.0.0002%
10.	Potassium	0.0004%	Max.0.001%

**Chief Chemist**