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### CERTIFICATE OF ANALYSIS

**Name of the Sample** : *di* Sodium hydrogen orthophosphate  
dodecahydrate AR  
**Batch No.** : 224164  
**Date of Mfg** : Sep 2020  
**Date of Expiry** : Aug 2025  
**Register No** : 2020-21  
**Qty of Sample** : 500gm  
**Date of Analysis** : Sep 2020

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 $\text{Na}_2\text{HPO}_4 \cdot 12\text{H}_2\text{O}$	99.72%	Min.99.0%
4.	Water-insoluble matter	0.002%	Max.0.003%
5.	Chloride	0.001%	Max.0.001%
6.	Nitrogen compounds	0.0005%	Max.0.002%
7.	Sulphate	0.002%	Max.0.005%
8.	Iron	0.0002%	Max.0.0002%
9.	Lead	0.0002%	Max.0.0002%
10.	Potassium	0.0006%	Max.0.001%

**Chief Chemist**