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CERTIFICATE OF ANALYSIS

Name of the Sample : *di* Sodium hydrogen orthophosphate dodecahydrate AR
Batch No. : 227552
Date of Mfg. : May 2024
Date of Exp : April 2029
Register No. : 2024-25
Qty of Sample : 500gm
Date of Analysis : May 2024

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	99.24% Na ₂ HPO ₄ .12H ₂ O	Min.99.0%
4.	Water-insoluble matter	0.003%	Max.0.003%
5.	Chloride	0.0008%	Max.0.001%
6.	Nitrogen compounds	0.0005%	Max.0.002%
7.	Sulphate	0.0014%	Max.0.005%
8.	Iron	0.0002%	Max.0.0002%
9.	Lead	0.0001%	Max.0.0002%
10.	Potassium	0.00074%	Max.0.001%

Chief Chemist