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CERTIFICATE OF ANALYSIS

Name of the Sample : Di potassium hydrogen phosphate Anhydrous AR
(Potassium Phosphate Dibasic AR)
Batch No. : 227905
Date of Mfg. : Sep 2024
Date of Exp : Aug 2029
Register No. : 2024-25
Qty of Sample : 500gm
Date of Analysis : Sep 2024

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	White crystalline powder
2.	Assay	99.2% K ₂ HPO ₄	Min.99.0%
3.	pH (0.1M Solution)	9.1	9.1 - 9.4
4.	Water insoluble matter	0.002%	Max.0.01%
5.	Loss on drying at 105°C	0.30%	Max.1.0%
6.	Chloride	0.0001%	Max.0.003%
7.	Nitrogen compounds	0.0005%	Max.0.001%
8.	Sulphate	0.005%	Max.0.005%
9.	Calcium	0.005%	Max.0.005%
10.	Copper	0.0001%	Max.0.0005%
11.	Iron	0.00054%	Max.0.001%
12.	Lead	0.0005%	Max.0.0005%
13.	Magnesium	0.001%	Max.0.001%

Chief Chemist