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CERTIFICATE OF ANALYSIS

Name of the Sample : **Potassium Dihydrogen Orthophosphate AR**
Batch No. : **227717**
Date of Mfg. : **June 2024**
Date of Expiry : **May 2029**
Register No : **2024-25**
Qty of Sample : **500gm**
Date of Analysis : **June 2024**

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	White Crystalline Powder
2.	Assay (after drying)	99.52% KH ₂ PO ₄	Min.99.5%
3.	pH (5% solution)	4.38	4.3 - 4.5
4.	Water insoluble matter	0.0028%	Max.0.01%
4.	Loss on drying	0.016%	Max.0.05%
5.	Chloride	0.0005%	Max.0.0005%
6.	Nitrogen compounds	0.0001%	Max.0.002%
7.	Sulphate	0.0001%	Max.0.005%
8.	Calcium	0.0005%	Max.0.01%
9.	Copper	0.0005%	Max.0.0005%
10.	Iron	0.0008%	Max.0.002%
11.	Lead	0.0005%	Max.0.0005%
12.	Magnesium	0.002%	Max.0.002%
13.	Sodium	0.004%	Max.0.01%

Chief Chemist