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CERTIFICATE OF ANALYSIS

Name of the Sample : Potassium dihydrogen orthophosphate AR
Batch No. : 226522
Date of Mfg : May 2023
Date of Expiry : April 2028
Register No : 2023-24
Qty of Sample : 500gm
Date of Analysis : May 2023

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	White Crystalline Powder
2.	Assay (after drying)	99.7% KH ₂ PO ₄	Min.99.5%
3.	pH (5% solution)	4.41	4.3 - 4.5
4.	Water insoluble matter	0.002%	Max.0.01%
4.	Loss on drying	0.021%	Max.0.05%
5.	Chloride	0.0005%	Max.0.0005%
6.	Nitrogen compounds	0.0002%	Max.0.002%
7.	Sulphate	0.0008%	Max.0.005%
8.	Calcium	0.0004%	Max.0.01%
9.	Copper	0.0005%	Max.0.0005%
10.	Iron	0.0002%	Max.0.002%
11.	Lead	0.0005%	Max.0.0005%
12.	Magnesium	0.002%	Max.0.002%
13.	Sodium	0.005%	Max.0.01%

Chief Chemist