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CERTIFICATE OF ANALYSIS

Name of the Sample : Di potassium hydrogen orthophosphate AR
Batch No. : 225959
Date of Mfg : Aug 2022
Date of Exp : July 2027
Register No. : 2022-23
Qty of Sample : 500gm
Date of Analysis : Aug 2022

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	White crystalline powder
2.	Assay	99.13% K ₂ HPO ₄	Min.99.0%
3.	pH (0.1M Solution)	9.2	9.2 - 9.4
4.	Water insoluble matter	0.002%	Max.0.01%
5.	Loss on drying at 105°C	0.48%	Max.1.0%
6.	Chloride	0.0028%	Max.0.003%
7.	Nitrogen compounds	0.0005%	Max.0.001%
8.	Sulphate	0.0002%	Max.0.005%
9.	Calcium	0.005%	Max.0.005%
10.	Copper	0.0001%	Max.0.0005%
11.	Iron	0.0002%	Max.0.001%
12.	Lead	0.0005%	Max.0.0005%
13.	Magnesium	0.001%	Max.0.001%

Chief Chemist