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Corporate Off. : 152, Vardhiman City Centre, Near Shakti Nagar Underbridge, Delhi-110052 (India)
Works : Plot No.1022, Modern Industrial Estate, Bahadurgarh-124507, Haryana (India)
Telephone : 0091 - 11 - 23646422 E-mail : tecpharm@gmail.com
Website : www.technopharmchem.com

CERTIFICATE OF ANALYSIS

Name of the Sample : Potassium dihydrogen orthophosphate AR
Batch No. : 225770
Date of Mfg : June 2022
Date of Exp : May 2027
Register No. : 2022-23
Qty of Sample : 500gm
Date of Analysis : June 2022

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	White Crystalline Powder
2.	Assay (after drying)	99.85% KH ₂ PO ₄	Min.99.5%
3.	pH (5% solution)	4.42	4.3 - 4.5
4.	Water insoluble matter	0.006%	Max.0.01%
4.	Loss on drying	0.013%	Max.0.05%
5.	Chloride	0.0002%	Max.0.0005%
6.	Nitrogen compounds	0.0001%	Max.0.002%
7.	Sulphate	0.0015%	Max.0.005%
8.	Calcium	0.0018%	Max.0.01%
9.	Copper	0.0005%	Max.0.0005%
10.	Iron	0.0001%	Max.0.002%
11.	Lead	0.0001%	Max.0.0005%
12.	Magnesium	0.002%	Max.0.002%
13.	Sodium	0.0085%	Max.0.01%

Chief Chemist