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CERTIFICATE OF ANALYSIS

Name of the Sample : Potassium Chloride AR
Batch No. : 228605
Date of Mfg. : May 2025
Date of Exp : April 2030
Register No. : 2025-26
Qty of Sample : 500gm
Date of Analysis : May 2025

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	White Crystalline Powder
2.	Assay (on dry basis)	99.63% KCl	Min.99.5%
3.	pH (5% solution)	6.52	5.0 – 8.0
4.	Water insoluble matter	0.0014%	Max.0.003%
5.	Loss at 150°C	0.18%	Max.0.2%
6.	Bromide	0.002%	Max.0.01%
7.	Iodide	0.002%	Max.0.002%
8.	Total nitrogen	0.0005%	Max.0.001%
9.	Phosphate	0.0005%	Max.0.0005%
10.	Sulphate	0.0015%	Max.0.003%
11.	Copper	0.0002%	Max.0.0002%
12.	Iron	0.0002%	Max.0.0002%
13.	Lead	0.0002%	Max.0.0002%
14.	Sodium	0.008%	Max.0.02%

Chief Chemist