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CERTIFICATE OF ANALYSIS

Name of the Sample : **Potassium Chloride AR**
Batch No. : **225817**
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 (on dry basis)	99.67% KCl	Min.99.5%
3.	pH (5% solution)	6.7	5.0 – 8.0
4.	Water insoluble matter	0.0008%	Max.0.003%
5.	Loss at 150°C	0.14%	Max.0.2%
6.	Bromide	0.001%	Max.0.01%
7.	Iodide	0.0004%	Max.0.002%
8.	Total nitrogen	0.0002%	Max.0.001%
9.	Phosphate	0.0005%	Max.0.0005%
10.	Sulphate	0.0012%	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	0.001%	Max.0.02%

Chief Chemist