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CERTIFICATE OF ANALYSIS

Name of the Sample : Ammonium Bromide AR
Batch No. : 224988
Date of Mfg : Sep 2021
Date of Exp : Aug 2026
Register No. : 2021-22
Qty of Sample : 500gm
Date of Analysis : Sep 2021

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	White Crystalline Powder
2.	Assay (after drying)	99.8% NH ₄ Br	Min.99.5%
3.	pH (5% solution)	5.12	4.8 – 6.0
4.	Water insoluble matter	0.001%	Max.0.003%
5.	Loss on drying at 100°C	0.079%	Max.0.1%
6.	Bromate	0.0001%	Max.0.001%
7.	Chloride	0.058%	Max.0.2%
8.	Iodide	0.005%	Max.0.005%
9.	Sulphate	0.002%	Max.0.005%
10.	Iron	0.0001%	Max.0.0001%
11.	Lead	0.0002%	Max.0.0002%
12.	Magnesium	0.001%	Max.0.001%
13.	Potassium	0.0035%	Max.0.005%
14.	Sodium	0.002%	Max.0.005%

Chief Chemist