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### CERTIFICATE OF ANALYSIS

**Name of the Sample : Ammonium Bromide AR**  
**Batch No. : 227549**  
**Date of Mfg. : May 2024**  
**Date of Exp : Apr 2029**  
**Register No. : 2024-25**  
**Qty of Sample : 500gm**  
**Date of Analysis : May 2024**

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	White Crystalline Powder
2.	Assay (after drying)	99.84% NH <sub>4</sub> Br	Min.99.5%
3.	pH (5% solution)	5.15	4.8 – 6.0
4.	Water insoluble matter	0.0025%	Max.0.003%
5.	Loss on drying at 100°C	0.074%	Max.0.1%
6.	Bromate	0.0002%	Max.0.001%
7.	Chloride	0.018%	Max.0.2%
8.	Iodide	0.002%	Max.0.005%
9.	Sulphate	0.001%	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	0.0045%	Max.0.005%
14.	Sodium	0.001%	Max.0.005%

**Chief Chemist**