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CERTIFICATE OF ANALYSIS

Name of the Sample : Ammonium Sulphate AR
Batch No. : 226291
Date of Mfg : Feb 2023
Date of Expiry : Jan 2028
Register No : 2023-24
Qty of Sample : 500gm
Date of Analysis : Feb 2023

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	White crystalline powder
2.	Assay (after drying)	99.58% (NH ₄) ₂ SO ₄	Min.99.5%
3.	pH (5% solution)	5.45	5.0 – 6.0
4.	Water -insoluble matter	0.0008%	Max.0.001%
5.	Loss on drying	0.091%	Max.0.1%
6.	Chloride	0.0002%	Max.0.0003%
7.	Phosphate	0.0005%	Max.0.001%
8.	Calcium	0.0002%	Max.0.001%
9.	Iron	0.0001%	Max.0.0001%
10.	Lead	0.0001%	Max.0.0002%
11.	Magnesium	0.0002%	Max.0.0002%
12.	Potassium	0.0015%	Max.0.002%
13.	Sodium	0.0004%	Max.0.002%

Chief Chemist