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### CERTIFICATE OF ANALYSIS

**Name of the Sample** : *di*-Ammonium hydrogen orthophosphate AR  
**Batch No.** : 228316  
**Date of Mfg.** : Feb 2025  
**Date of Exp.** : Jan 2030  
**Register No.** : 2025-26  
**Qty of Sample** : 500gm  
**Date of Analysis** : Feb 2025

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	White crystalline powder
2.	Assay	99.08% (NH <sub>4</sub> ) <sub>2</sub> HPO <sub>4</sub>	Min.99.0%
3.	pH (5% solution)	8.04	7.8-8.5
4.	Water-insoluble matter	0.0015%	Max. 0.003%
5.	Chloride	0.0002%	Max. 0.0005%
6.	Nitrate	0.0005%	Max. 0.001%
7.	Sulphate	0.0005%	Max. 0.0005%
8.	Copper	0.0005%	Max. 0.0005%
9.	Iron	0.0002%	Max. 0.001%
10.	Lead	0.0005%	Max. 0.0005%
11.	Potassium	0.0008%	Max. 0.001%
12.	Sodium	0.001%	Max. 0.001%

**Chief Chemist**