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### CERTIFICATE OF ANALYSIS

**Name of the Sample** : **Ammonium Iron (III) sulphate dodecahydrate AR**  
**Batch No.** : **226791**  
**Date of Mfg** : **July 2023**  
**Date of Exp.** : **June 2028**  
**Register No.** : **2023-24**  
**Qty of Sample** : **500gm**  
**Date of Analysis** : **July 2023**

S.No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	Yellowish brown hygroscopic powder
2.	Assay	99.54%	Min.99.0%
3.	Water insoluble matter	0.0012%	Max.0.003%
4.	Chloride	0.0005%	Max.0.0005%
5.	Phosphate	0.0018%	Max.0.003%
6.	Calcium	0.0004%	Max.0.001%
7.	Copper	0.0002%	Max.0.001%
8.	Ferrous Iron	0.00095%	Max.0.001%
9.	Lead	0.0008%	Max.0.002%
10.	Magnesium	0.001%	Max.0.001%
11.	Manganese	0.001%	Max.0.001%
12.	Potassium	0.002%	Max.0.002%
13.	Sodium	0.0004%	Max.0.002%
14.	Zinc	0.0002%	Max.0.001%

**Chief Chemist**