



## LABPRO CHEM

"Essential Laboratory Chemicals For Scientific Research and Experimentation, Ensuring Accuracy And Precision In Every Process."

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### CERTIFICATE OF ANALYSIS

**Product Name:** AMMONIUM FERRIC SULPHATE 98–101% AR (Dodecahydrate)

**Catalogue No.:** LA0349

**CAS No.:** 7783-83-7

**Batch No.:** 686YR

**Date of Manufacture:** June 2025

**Date of Expiry:** May 2030

Test Parameters	Specifications	Results
Appearance	Greenish-blue crystalline dodecahydrate powder	Complies
Assay (as $\text{Fe}_2(\text{SO}_4)_3 \cdot 12\text{H}_2\text{O}$ )	98.0 – 101.0% (AR Grade)	99.5 %
Identification (IR)	Conforms to reference spectrum	Complies
Solubility	Soluble in water	Complies
pH (5% solution at 25 °C)	1.5 – 3.0	2.2
Sulfate ( $\text{SO}_4$ ) (calculated)	As per stoichiometry	Complies
Ammonium ( $\text{NH}_4^+$ ) content	As per stoichiometry	Complies
Heavy Metals (as Pb)	NMT 0.0005%	Complies
Loss on Drying	NMT 5.0%	2.8 %
Water of Crystallization ( $\text{H}_2\text{O}$ )	Approximately 51.5 – 53.5%	52.1 %

**Approved By**

(Quality Control Department)

Date: 23/06/2025

For LABPRO CHEM  
AUTH SIGNATORY

Signature: \_\_\_\_\_

TESTED BY  
PREM SINGH

APPROVED BY  
SHAKIL AHMED