



## 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:** ALUMINIUM AMMONIUM SULPHATE 99.5% AR (Dodecahydrate)

**CAT No.:** LA0192

**CAS No.:** 7784-26-1

**BATCH No.:** 405FH

**Date of Manufacture:** JUNE 2025

**Date of Expiry:** DECEMBER 2030

Test	Specification	Result
Description	White crystalline powder	Complies
Solubility	Freely soluble in water	Complies
Assay ( $\text{AlNH}_4(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$ )	Min. 99.5% (AR Grade)	99.7%
pH (5% solution)	3.0 – 4.5	3.6
Chloride (Cl)	Max. 0.002%	< 0.002%
Iron (Fe)	Max. 0.001%	< 0.001%
Heavy Metals (as Pb)	Max. 0.0005%	< 0.0005%
Sulphated Ash	0.1% max	0.03%
Loss on Drying	43.0 – 47.0% (at 105°C for 2 hrs)	44.8%

**Approved By**

(Quality Control Department)

Date: 23/06/2025

For LABPRO CHEM  
AUTH SIGNATORY

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

TESTED BY  
PREM SINGH

APPROVED BY  
SHAKIL AHMED