



## 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 Chloride 98% (Hexahydrate)

**Catalogue No.:** LA0197

**CAS No.:** 7784-13-6

**Batch No.:** 710DG

**Date of Manufacture:** June 2025

**Date of Expiry:** May 2030

Parameters	Specifications	Results
Appearance	White to yellowish crystalline powder	Complies
Solubility	Freely soluble in water	Passes
Assay ( $\text{AlCl}_3 \cdot 6\text{H}_2\text{O}$ )	$\geq 98.0\%$	98.4%
Iron (Fe)	$\leq 0.01\%$	0.005%
Heavy Metals (as Pb)	$\leq 0.005\%$	$< 0.002\%$
Sulphate ( $\text{SO}_4$ )	$\leq 0.02\%$	0.01%
pH of 5% solution	2.5 – 4.0	3.1
Loss on Drying	42.0% – 48.0%	45.2%
Storage Conditions	Store tightly sealed in a cool, dry place	Complies

**Approved By**

(Quality Control Department)

Date: 23/06/2025

For LABPRO CHEM  
AUTH SIGNATORY

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

TESTED BY  
PREM SINGH

APPROVED BY  
SHAKIL AHMED