



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 99% AR (Hexahydrate)

Catalogue No.: LA0198

CAS No.: 7784-13-6

Batch No.: 781BB

Date of Manufacture: June 2025

Date of Expiry: May 2030

Parameters	Specifications	Results
Appearance	White to faint yellow crystalline powder	Complies
Solubility (in water)	Freely soluble	Passes
Assay ($\text{AlCl}_3 \cdot 6\text{H}_2\text{O}$)	$\geq 99.0\%$	99.2%
Iron (Fe)	$\leq 0.005\%$	0.002%
Heavy Metals (as Pb)	$\leq 0.002\%$	$< 0.001\%$
Sulphate (SO_4)	$\leq 0.01\%$	0.004%
pH (5% solution)	2.0 – 3.5	2.7
Loss on Drying	42.0% – 48.0%	44.8%
Storage Conditions	Store in tightly sealed container, 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