



## 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 HYDROXIDE GEL

**Catalogue No.:** LA0204

**CAS No.:** 21645-51-2

**Batch No.:** 120UJ

**Date of Manufacture:** June 2025

**Date of Expiry:** May 2030

Parameter	Specification	Result
Appearance	White viscous gel	Complies
Solubility	Practically insoluble in water	Passes
pH (1% suspension in water)	5.5 – 8.5	6.7
Aluminium content (Al)	30.0 – 34.0 %	32.1 %
Chloride (Cl)	≤ 0.05%	0.02%
Sulphate (SO <sub>4</sub> )	≤ 0.1%	0.03%
Heavy Metals (as Pb)	≤ 0.002%	<0.001%
Arsenic (As)	≤ 0.0002%	<0.0002%
Loss on Drying (105°C)	≤ 35%	32.4%
Iron (Fe)	≤ 0.02%	0.008%
Assay (on dry basis)	≥ 98%	99.1%
Bacterial Endotoxins (if required)	< 0.25 EU/mg (for injectable grade)	N/A (Not tested)
Storage Conditions	Store in well-closed container, 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