



## LABPRO CHEM

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

- LABPRO CHEM, Shop No: 198 New Link Road Near Laxmi Ind Estate Andheri West Mumbai 400053 Maharashtra (India)
- Mobile No: +91 9167157018 / GSTIN: 27GZCP58548N1ZA / MSME: UDYAM-MH-18-0400921

### CERTIFICATE OF ANALYSIS

Product Name: ALUMINIUM OXIDE 98% (Practical) (Calcined White)

Catalogue No.: LA0210

CAS No.: 1344-28-1

Batch No.: 408YJ

Date of Manufacture: June 2025

Date of Expiry: May 2030

| Parameter                              | Specification  | Result   |
|--|--|----------|
| Appearance                             | White fine powder  | Complies |
| Assay ( $\text{Al}_2\text{O}_3$ )      | $\geq 98\%$  | 98.7%    |
| Solubility                             | Insoluble in water, soluble in strong acids              | Passes   |
| Loss on Ignition                       | $\leq 1.0\%$   | 0.6%     |
| Iron (Fe)                              | $\leq 0.05\%$  | 0.03%    |
| Silica ( $\text{SiO}_2$ )              | $\leq 0.5\%$   | 0.3%     |
| Chloride (Cl)                          | $\leq 0.02\%$  | 0.01%    |
| Sodium Oxide ( $\text{Na}_2\text{O}$ ) | $\leq 0.3\%$   | 0.2%     |
| pH (5% suspension)                     | 6.5 – 8.5  | 7.2      |
| Moisture Content                       | $\leq 1.0\%$   | 0.5%     |
| Storage Conditions                     | Store in a cool, dry place in a tightly closed container | Complies |

Approved By

(Quality Control Department)

Date: 23/06/2025

For LABPRO CHEM  
AUTH SIGNATORY

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

TESTED BY  
PREM SINGH

APPROVED BY  
SHAKIL AHMED