



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 OXIDE (Active) BASIC

Catalogue No.: LA0212

CAS No.: 1344-28-1

Batch No.: 687YH

Date of Manufacture: June 2025

Date of Expiry: May 2030

Parameter	Specification	Result
Appearance	Fine white powder	Complies
Assay (Al_2O_3)	$\geq 98\%$	98.5%
pH (5% Suspension)	3.5 – 4.5 (Acidic nature)	4.1
Loss on Drying	$\leq 1.0\%$	0.5%
Chloride (Cl)	$\leq 0.05\%$	0.02%
Iron (Fe)	$\leq 0.03\%$	0.01%
Sulphate (SO_4)	$\leq 0.1\%$	0.05%
Bulk Density	~ 0.5 to 0.8 g/mL	0.6 g/mL
Surface Area	150 – 300 m^2/g	220 m^2/g
Mesh Size	60–200 mesh	Passes
Storage Conditions	Store tightly closed 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