



## 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:** AMBERLITE IR 120 (Strong Acid)

**Catalogue No.:** LA0232

**CAS No.:** 63182-08-1

**Batch No.:** 346WS

**Date of Manufacture:** June 2025

**Date of Expiry:** May 2030

TEST	SPECIFICATION	RESULT
Description	Dark amber-colored spherical beads	Complies
Ionic Form (as supplied)	Hydrogen (H <sup>+</sup> ) form	Confirmed
Moisture Content	45% – 55% (wet resin)	48.7%
Total Exchange Capacity	NLT 1.8 meq/mL (wet basis)	1.95 meq/mL
Particle Size Distribution	≥90% between 300–1200 µm	92.5%
Uniformity Coefficient	≤1.7	1.6
Solubility	Insoluble in water and organic solvents	Complies
Swelling Capacity (Na <sup>+</sup> → H <sup>+</sup> )	5% – 10%	6.3%
Heavy Metals	NMT 20 ppm	<20 ppm

**Approved By**

(Quality Control Department)

Date: 23/06/2025

For LABPRO CHEM  
AUTH SIGNATORY

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

TESTED BY  
PREM SINGH

APPROVED BY  
SHAKIL AHMED