



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: AMBERLITE IRA 400 (Strong Base Anion Exchange Resin)

Catalogue No.: LA0233

CAS No.: 60177-39-1

Batch No.: 416FF

Date of Manufacture: June 2025

Date of Expiry: May 2030

TEST	SPECIFICATION	RESULT
Description	White to pale yellow spherical beads	Complies
Ionic Form (as supplied)	Chloride (Cl^-) form	Confirmed
Moisture Retention Capacity	45% – 55% (wet resin)	47.5%
Total Exchange Capacity	NLT 1.2 meq/mL (wet basis)	1.28 meq/mL
Particle Size (300–1200 μm)	$\geq 90\%$	93%
Uniformity Coefficient	≤ 1.7	1.6
Solubility	Insoluble in water and organic solvents	Complies
Swelling ($\text{OH}^- \rightarrow \text{Cl}^-$ conversion)	15% – 20%	16.8%
pH Stability Range	0 – 14	Stable
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