



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: ACETIC ACID GLACIAL 99.5% For Synthesis

Catalogue No.: LA0019

Batch No.: 791GA

CAS No.: 64-19-7

Date of Manufacture: JUNE 2025

Date of Expiry: DECEMBER 2030

Parameters	Specifications	Results
Appearance	Clear, colorless liquid	Complies
Assay (as CH ₃ COOH)	Minimum 99.5%	99.7%
Odor	Strong, pungent (vinegar-like)	Verified
Solubility	Miscible with water and alcohol	Confirmed
Melting Point	~16.6°C	16.7°C
Specific Gravity (20°C)	1.048 – 1.050	1.049
Chloride (Cl)	≤ 0.0005%	<0.0005%
Sulphate (SO ₄)	≤ 0.001%	<0.001%
Non-volatile Matter	≤ 0.005%	0.002%
Heavy Metals (as Pb)	≤ 0.0005%	<0.0005%
Grade	For Synthesis	Confirmed
Shelf Life	5 Years	Complies

Approved By

(Quality Control Department)

Date: 23/06/2025

For LABPRO CHEM
AUTH SIGNATORY

Signature: _____

TESTED BY
PREM SINGH

APPROVED BY
SHAKIL AHMED