



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 99.8% For HPLC and Spectroscopy

Catalogue No.: LA0022

Batch No.: 578FD

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 99.8% | 99.9% |
| Odor | Pungent, characteristic | Verified |
| Solubility | Miscible with water, methanol | Confirmed |
| UV Absorbance (200-400 nm) | Conforms to HPLC grade | Passed |
| Residue on Evaporation | ≤ 0.002% | 0.001% |
| Water Content (Karl Fischer) | ≤ 0.2% | 0.1% |
| Aldehydes | ≤ 0.0002% | <0.0002% |
| Heavy Metals (as Pb) | ≤ 0.0005% | <0.0005% |
| Grade | HPLC & Spectroscopy Grade | 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