

"Essential Laboratory Chemicals For Scientific Research and Experimentation, Ensuring Accuracy And Precision in Every Precess."

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CERTIFICATE OF ANALYSIS

PRODUCT NAME: ACETIC ACID 90% SOLUTION AR

CAS NO. 64-19-7 CAT NO. AL0018 BATCH NO: 00000

DATE OF MANUFACTURING: MAY.2025

DATE OF EXPIRY: DEC.2030

| TEST | STANDARD | OBSERVED |
|------------------------|------------------------|------------------------|
| Description | Clear colorless liquid | Clear colorless liquid |
| Assay (Min) | 90% | 90.79% |
| Wt./ ml at 20°C | 1.048-1.050g | 1.050 g |
| Freezing point | Not below 16.2°C | 16.6°C |
| Water insoluble matter | Passes test | Passes test |
| Water | <0.2% | 0.07% |
| Non-volatile matter | <0.001% | 0.0005% |
| Acetic anhydride | <0.2% | NIL |
| Chloride (CI) | <0.0001% | 0.00002% |
| Sulphate (SO4) | <0.0001% | 0.00003% |
| Arsenic (As) | <0.0005% | <0.0005% |
| Copper (Cu) | <0.0004% | <0.0004% |
| Iron (Fe) | <0.00002% | <0.00002% |
| Lead (Pb) | <0.0001% | <0.0001% |
| Formate (HCOO) | <0.05% | 0.02% |
| Substance reducing | <0.003% | 0.002% |
| dichromate (0) | | |

-----END OF TEST REPORT-----

FOR LABPRO CHEM

TESTED BY PREM SINGH

APPROVED BY SHAKIL AHMED