

"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

Catalogue No.: LA0018

**Batch No.**: 419AC **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 CH₃COOH)	Minimum 90.0%	90.3%
Odor	Characteristic pungent	Confirmed
Solubility	Miscible with water	Verified
Specific Gravity (20°C)	1.045 – 1.055	1.048
Residue after Evaporation	≤ 0.005%	0.002%
Chloride (Cl)	≤ 0.0005%	<0.0005%
Sulphate (SO <sub>4</sub> )	≤ 0.001%	<0.001%
Heavy Metals (as Pb)	≤ 0.0005%	<0.0005%
Grade	AR (Analytical Reagent)	Confirmed
Shelf Life	5 Years	Complies

## **Approved By**

(Quality Control Department)

Date: 23/06/2025

FOI LABORD CHEM

Signature:

TESTED BY PREM SINGH

APPROVED BY SHAKIL AHMED