LAB ALLEY
ESSENTIAL CHEMICALS

## Certificate of Analysis

**Product: Acetic Acid Glacial 99% ACS Grade**
**Item Number: AAA99**
**CAS#: 64-19-7**
**Grade: ACS**
**Lot Number: 5002694/1.1**
**Manufacture Date: 11/10/2026**
**Retest Date : 11/09/2029**
**Country of Origin: United States**

| Tested Property | Specification | Analysis |
|---|---|---|
| ACS Assay Gas Chromatography | 99.70 - 100.00% wt. | 99.93% wt. |
| Color (APHA) | Max 10 | 1 |
| Appearance | Clear | Clear |
| ACS Dilution Test | To Pass the Test | Pass |
| Sub. Reducing Dichromate | To Pass the Test | Pass |
| Sub. Reducing Permanganate | To Pass the Test | Pass |
| ACS Chloride | Max 1 ppm | Pass |
| ACS Sulfate | Max 1 ppm | Pass |
| ACS Heavy Metals (as Pb) | 0.5 ppm max | Pass |
| ACS Acetic Anhydride | Max 0.01% wt. | Pass |
| ACS Titrable base | Max 0.0004 meq/g | Pass |
| ACS Iron | Max 0.2 ppm | Pass |
| ACS Residue After Evaporation | Max 0.001% wt. | Pass |
| ACS Density 25ºC | 1.050 - 1.052 | 1.050 |
| Refractive Index 25ºC | 1.37100 - 1.37120 | 1.37120 |

Store away from heat, sparks, and flame in a cool, dry, and well-ventilated environment.

Acetic Acid Glacial 99% ACS Grade

Note: The information and recommendations of Lab Alley concerning this product are based upon

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