



**ChemPure* Brand
Chemicals**

Cust-Product Code: CP-M1010S
Lot #: 2023111300

...Pure Quality

CERTIFICATE OF ANALYSIS

PRODUCT NAME: **Acetic Acid**
Glacial, ACS

F.W.: 60.0500

CHEMICAL FORMULA: CH₃COOH

CAS No: 64-19-7

Density: 1.0510

| ANALYTICAL RESULTS | | |
|----------------------------------|-------------------|---------------|
| ITEM | SPECIFICATIONS | ANALYSIS |
| Assay (CH ₃ COOH) | 99.7% min. | 100.0% |
| Color (APHA) | 10 max. | <5 |
| Chloride (Cl) | 1 ppm max. | <1 ppm |
| Heavy metals (by ICP-OES) | 0.5 ppm max. | <0.5 ppm |
| Sulfate (SO ₄) | 1 ppm max. | <1 ppm |
| Substances Reducing Permanganate | To pass test | Passes Test |
| Substances Reducing Dichromate | To pass test | Passes Test |
| Residue After Evaporation | 0.001% max. | <0.001% |
| Iron (Fe) | 0.2 ppm max. | <0.1 ppm |
| Acetic Anhydride | 0.01% max. | <0.01% |
| Dilution Test | To pass test | Passes Test |
| Titrate Base | 0.0004 meq/g max. | 0.00008 meq/g |
| Date of Manufacture | Record Actual | 11/04/2023 |
| Expiration date | Record Actual | 11/03/2025 |

REMARKS

It is certified that the above is a true copy of the actual lot analysis.

Eddy Santiago
Quality Assurance Manager

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