

Product Name: Acetic acid, glacial, 99+%

Catalog Number: 033252.AK

CAS Number: 64-19-7

IUPAC Name: acetic acid

Molecular Formula: C₂H₄O₂

Molecular Weight: 60.05

MDL Number: MFCD00036152

InChI Key: QTBSBXVTEAMEQO-UHFFFAOYSA-N

SMILES: CC(O)=O

Synonym: acetic acid|glacial acetic acid|AcOH|vinegar acid|HOAc|acide acetique|volso|l|MeCOOH|MeCO₂H|essigsaeure

Product Specification

Appearance (Color): Clear colorless

Form: Liquid

Assay from Suppliers CofA: ≥99.0% to ≤101.0% (U.S. specification)

Chloride content: ≤1 ppm (U.S. specification)

Comment: Specification differs for U.S. and non-U.S. material where indicated

Impurity content: Sulfate: ≤2 ppm

Heavy Metals (as Pb): ≤0.5 ppm

Refractive Index: 1.3700-1.3730 @ 20°C (non-U.S. specification)

Trace Metal: Fe: ≤10 ppm

Assay (Aqueous acid-base Titration): ≥99.0 to ≤101.0% (non-U.S. specification)

Assay (GC): ≥99.0% (non-U.S. specification)

Date Of Print: 07/16/2025

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.