

Certificate of Analysis (COA)

Product Information

Product Name:Acetic Acid (Glacial Acetic Acid)

Product Number:AA-20260227

Batch Number:AA-SH2026022701

Brand:TECHPURE

CAS Number:64-19-7

MDL Number:MFCD00011354

Formula:C₂H₄O₂

Formula Weight:60.05 g/mol

Quality Release Date:27 FEB 2026

Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	Colorless	Colorless	-	Visual Inspection
Appearance (Form)	Clear liquid	Clear liquid	-	Visual Inspection
Purity (GC)	≥ 99.7%	99.8%	%	Gas Chromatography (GC)
Water Content	≤ 0.2%	0.1%	%	Karl Fischer Titration
Density (20°C)	1.048-1.050 g/cm ³	1.049 g/cm ³	g/cm ³	Density Meter
Boiling Range	117.0-119.0°C	117.5-118.8°C	°C	Distillation Test
Non-Volatile Residue	≤ 0.005%	0.001%	%	Gravimetric Method
Heavy Metals (Pb)	≤ 0.5 ppm	0.1 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 0.1 ppm	0.03 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Iron (Fe)	≤ 0.5 ppm	0.1 ppm	ppm	Atomic Absorption Spectrometry (AAS)

Certification

This batch of product has been tested in accordance with industrial standards for glacial acetic acid and meets all specified requirements. It is qualified for industrial and laboratory use.

Issue Date: 27 FEB 2026