

## Certificate of Analysis

Date of Testing: 2023-11-28 16:30:34  
Date of Next Testing: 2026-11-27 16:30:34  
Product Name: **Acetic acid (glacial) 100%**  
CAS Number: 64-19-7  
Specifications & Purity: for analysis , ACS Standard-Grade Reagents  
Lot #: K2324014  
SKU #: **A433223**  
**Analysis:** **286073**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Color test (APHA)	0-10	0.00
Acetic Anhydride	0-0.01 (%)	0.00000 %
Evaporation Residue	0-0.001 (%)	0.00 %
Sulfate(SO42-)	0-1 (ppm)	0.00000 ppm
Iron(Fe)	0-0.2 (ppm)	0.00 ppm
Chloride(Cl)	0-1 (ppm)	0.00000 ppm
Heavy metals	0-0.5 (ppm)	0.00 ppm
Titration Base	0-0.0004 (meq/g)	0.00000 meq/g
Purity(GC)	99.7-100 (%)	99.78 %
Appearance(A433223)	Colorless clear liquid	Colorless clear liquid
Dilution Test	Pass	Pass
Substances reducing dichromate	Passes test	Passes test
Substances reducing permanganate	Passes test	Passes test
Infrared spectrum	conforms to structure	Conforms to Structure



John Su  
QA & QC Manager