

## Certificate of Analysis

Date of Testing: 2024-06-25 16:43:56  
Date of Next Testing: 2027-06-25 16:43:56  
Product Name: **Acetic acid (glacial) 100%**  
CAS Number: 64-19-7  
Specifications & Purity: for analysis , ACS Standard-Grade Reagents  
Lot #: F2415168  
SKU #: **A433223**  
Version: **1**  
Analysis #: **363990**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	99.7-100 (%)	99.82%
Color test (APHA)	0-10	0.00
Acetic Anhydride	0-0.01 (%)	0.00000 %
Evaporation Residue	0-0.001 (%)	0.00 %
Iron(Fe)	0-0.2 (ppm)	0.00 ppm
Heavy metals	0-0.5 (ppm)	0.00 ppm
Titration Base	0-0.0004 (meq/g)	0.00000 meq/g
Sulfate(SO42-)	0-1 (ppm)	0.00000 ppm
Chloride(Cl)	0-1 (ppm)	0.00000 ppm
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



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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager