

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-03-28 11:46:22  
 Date of Next Testing: 2028-03-27 11:46:22  
 Product Name: **Acetic acid (glacial) 100%**  
 CAS Number: 64-19-7  
 Specifications & Purity: Moligand™, Suitable for Analysis, ACS  
 Lot #: C2525158  
 SKU #: **A433223**  
 Version: **1**  
 Analysis #: **442473**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                        | Limit Values           | Result                 |
|----------------------------------|------------------------|------------------------|
| Purity(GC)                       | 99.7-100 (%)           | 99.89000 %             |
| Color test (APHA)                | 0-10                   | 0.00000                |
| Acetic Anhydride                 | 0-0.01 (%)             | 0.00000 %              |
| Evaporation Residue              | 0-0.001 (%)            | 0.00000 %              |
| Sulfate(SO42-)                   | 0-1 (ppm)              | 0.00000 ppm            |
| Iron(Fe)                         | 0-0.2 (ppm)            | 0.00000 ppm            |
| Chloride(Cl)                     | 0-1 (ppm)              | 0.00000 ppm            |
| Heavy metals                     | 0-0.5 (ppm)            | 0.00000 ppm            |
| Titration Base                   | 0-0.0004 (meq/g)       | 0.00000 meq/g          |
| 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  |



QualityAssurance@aladdinsci.com

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

John Su  
QA & QC Manager