

Shanghai Aladdin Biochemical Technology Co., LTD  
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

## Certificate of Analysis

Date of Testing: 2024-12-11 11:58:08  
Date of Next Testing: 2027-12-11 11:58:08  
Product Name: **Acetic acid (glacial) 100%**  
CAS Number: 64-19-7  
Specifications & Purity: Moligand™, Suitable for Analysis, ACS  
Lot #: L2410163  
SKU #: **A433223**  
Version: **1**  
Analysis #: **363990**  
Storage Temperature: Room temperature

| Parameter                        | Limit Values           | Result                 |
|----------------------------------|------------------------|------------------------|
| Purity(GC)                       | 99.7-100 (%)           | 99.81700 %             |
| Color test (APHA)                | 0-10                   | 0.00000                |
| Acetic Anhydride                 | 0-0.01 (%)             | 0.00000 %              |
| Evaporation Residue              | 0-0.001 (%)            | 0.00000 %              |
| Iron(Fe)                         | 0-0.2 (ppm)            | 0.00000 ppm            |
| Heavy metals                     | 0-0.5 (ppm)            | 0.00000 ppm            |
| Titrate 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". The script is fluid and cursive.

John Su  
QA & QC Manager