

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

## Certificate of Analysis

Date of Testing: 2024-01-02 16:19:01  
Date of Next Testing: 2028-01-01 16:19:01  
Product Name: **Acetate**  
CAS Number: 64-19-7  
Specifications & Purity: Guaranteed Reagent, 99.8%  
Lot #: L2320009  
SKU #: **A298827**  
**Analysis:** **246564**  
Storage Temperature: Argon charged

| Parameter                                             | Limit Values           | Result                 |
|-------------------------------------------------------|------------------------|------------------------|
| Purity(Neutralization titration)                      | 99.8-101.5 (%)         | 99.96000 %             |
| Lead(Pb)                                              | 0-0.1 (ppm)            | 0.00000 ppm            |
| Acetic anhydride[(CH <sub>3</sub> CO) <sub>2</sub> O] | 0-0.01 (%)             | 0.00010 %              |
| Dichromate-reducing substances(O)                     | 0-0.004 (%)            | 0.00200 %              |
| Copper(Cu)                                            | 0-0.1 (ppm)            | 0.00000 ppm            |
| Chloride (Cl-)                                        | 0-0.0001 (%)           | 0.00005 %              |
| Iron(Fe)                                              | 0-0.2 (ppm)            | 0.00016 ppm            |
| Zinc(Zn)                                              | 0-0.1 (ppm)            | 0.00007 ppm            |
| Sulfate(SO <sub>4</sub> <sup>2-</sup> )               | 0-0.0001 (%)           | 0.00003 %              |
| Crystallization point                                 | 15-17 (°C)             | 16.30000 °C            |
| Evaporation Residue                                   | 0-0.001 (%)            | 0.00010 %              |
| Appearance (A298827)                                  | Colorless clear liquid | Colorless clear liquid |
| Infrared spectrum                                     | Conforms to Structure  | Conforms to Structure  |
| Miscibility with water                                | pass                   | Pass                   |



John Su  
QA & QC Manager