

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-13 11:14:10  
 Date of Next Testing: 2027-10-03 11:14:10  
 Product Name: **Acetate**  
 CAS Number: 64-19-7  
 Specifications & Purity: Premium-Grade Reagents, ≥99.5%  
 Lot #: J2509152  
 SKU #: **A116166**  
 Version: **3**  
 Analysis #: **581134**  
 Storage Temperature: Room temperature, Desiccated

| Parameter                                             | Limit Values          | Result                |
|-------------------------------------------------------|-----------------------|-----------------------|
| Chloride (Cl-)                                        | 0-0.0001 (%)          | 0.00 %                |
| Assay                                                 | 99.5-100(%)           | 99.69 %               |
| Freezing point                                        | ≥15.1°C               | 22.50000 °C           |
| Evaporation Residue                                   | 0-0.002 (%)           | 0.00 %                |
| Acetic anhydride[(CH <sub>3</sub> CO) <sub>2</sub> O] | 0-0.02 (%)            | 0.00 %                |
| Iron(Fe)                                              | 0-1 (ppm)             | 0.00 ppm              |
| Lead(Pb)                                              | 0-0.5 (ppm)           | 0.00 ppm              |
| Copper(Cu)                                            | 0-0.5 (ppm)           | 0.00 ppm              |
| Dichromate-reducing substances(O)                     | 0-0.008 (%)           | 0.00 %                |
| Sulfate(SO <sub>4</sub> <sup>2-</sup> )               | 0-2 (ppm)             | 2.00 ppm              |
| Appearance (A116166)                                  | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                                     | Conforms to Structure | Conforms to Structure |
| Miscibility with water                                | pass                  | Pass                  |



John Su  
QA & QC Manager