

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-01-24 09:12:59  
 Date of Next Testing: 2028-01-23 09:12:59  
 Product Name: **Acetate**  
 CAS Number: 64-19-7  
 Specifications & Purity: Guaranteed Reagent, 99.8%  
 Lot #: A2417059  
 SKU #: **A298827**  
**Analysis:** **310819**  
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Neutralization titration)	99.8-101.5 (%)	99.98 %
Lead(Pb)	0-0.1 (ppm)	0.00 ppm
Acetic anhydride[(CH <sub>3</sub> CO) <sub>2</sub> O]	0-0.01 (%)	0.00 %
Dichromate-reducing substances(O)	0-0.004 (%)	0.00 %
Copper(Cu)	0-0.1 (ppm)	0.00 ppm
Chloride (Cl <sup>-</sup> )	0-0.0001 (%)	0.00 %
Iron(Fe)	0-0.2 (ppm)	0.00 ppm
Zinc(Zn)	0-0.1 (ppm)	0.00 ppm
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.0001 (%)	0.00 %
Crystallization point	15-17 (°C)	16.30 °C
Evaporation Residue	0-0.001 (%)	0.00 %
Appearance (A298827)	Colorless clear liquid	Colorless clear liquid
Miscibility with water	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager