

## Certificate of Analysis

Date of Testing: 2023-07-05 14:39:27  
Date of Next Testing: 2027-07-04 14:39:27  
Product Name: **Acetate**  
CAS Number: 64-19-7  
Specifications & Purity: Guaranteed Reagent, 99.8%  
Lot #: F2327432  
SKU #: **A298827**  
**Analysis:** **144591**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Neutralization titration)	99.8-101.5 (%)	99.96 %
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
Infrared spectrum	Conforms to Structure	Conforms to Structure
Miscibility with water	pass	Pass



John Su  
QA & QC Manager