

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-11-19 11:56:21  
 Date of Next Testing: 2026-11-19 11:56:21  
 Product Name: **Cellulose acetate**  
 CAS Number: 9004-35-7  
 Specifications & Purity: Acetyl Content 39.8%, Hydroxyl Content 3.5 wt %  
 Lot #: K2418506  
 SKU #: **C106244**  
 Version: **1**  
 Analysis #: **425385**  
 Storage Temperature: Room temperature

| Parameter            | Limit Values                                    | Result                                          |
|----------------------|-------------------------------------------------|-------------------------------------------------|
| Acetyl Content       | 39.3-40.3 (%)                                   | 39.54000 %                                      |
| ASTM-A Viscosity     | 2-4 (S)                                         | 3.47000 S                                       |
| Hydroxyl Content     | 3-4 (%)                                         | 3.50000 %                                       |
| Melting point        | 230-250 (°C)                                    | 239.20000 °C                                    |
| Appearance (C106244) | White to Light Yellow Powder or Solid or chunks | White to Light Yellow Powder or Solid or chunks |
| Infrared spectrum    | Conforms to Structure                           | Conforms to Structure                           |



John Su  
QA & QC Manager