

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-22 19:02:06  
 Date of Next Testing: 2028-10-21 19:02:06  
 Product Name: **Poly(vinyl alcohol)(PVA)**  
 CAS Number: 9002-89-5  
 Specifications & Purity: Mw 13,000-23,000, 87-89% hydrolyzed  
 Lot #: J2521644  
 SKU #: **P434367**  
 Version: **1**  
 Analysis #: **590171**  
 Storage Temperature: Room temperature

| Parameter                | Limit Values                                                        | Result                                                              |
|--------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|
| Loss on drying           | 0-5 (%)                                                             | 4.30000 %                                                           |
| Residue on Ignition      | 0-0.9 (%)                                                           | 0.39000 %                                                           |
| Viscosity(c = 4%; Water) | 3.5-4.5 (cP)                                                        | 3.80000 cP                                                          |
| PH(4% Water)             | 4.5-6.5                                                             | 5.50000                                                             |
| Hydrolysis               | 87.0-89.0 (%)                                                       | 87.80000 %                                                          |
| Appearance(P434367)      | White to Off-White Powder, Crystalline Powder, Crystals or Granules | White to Off-White Powder, Crystalline Powder, Crystals or Granules |
| Infrared spectrum        | Conforms to structure                                               | Conforms to Structure                                               |



John Su  
QA & QC Manager