

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-18 14:13:39  
Date of Next Testing: 2026-05-17 14:13:39  
Product Name: **Poly(vinyl alcohol)**  
CAS Number: 9002-89-5  
Specifications & Purity: Mw 89000-98000, 99% hydrolyzed  
Lot #: E2312788  
SKU #: **P434371**  
**Analysis:** **218992**  
Storage Temperature: Protected from light

| Parameter                               | Limit Values              | Result                    |
|---|---------------------------|---------------------------|
| Loss on drying                          | 0-5 (%)                   | 0.60 %                    |
| Assay(Hydrolysis)                       | 99.0-99.8 (%)             | 99.50000 %                |
| Residue on ignition(Ash)                | 0-0.7 (%)                 | 0.30000 %                 |
| Viscosity(4% in H <sub>2</sub> O, 20°C) | 11.6-15.4 (mPa·S)         | 14.10 mPa·S               |
| PH                                      | 5.0-7.0                   | 5.70                      |
| Appearance(P434371)                     | White to Off-White Powder | White to Off-White Powder |
| Infrared spectrum                       | conforms to structure     | Conforms to Structure     |



John Su  
QA & QC Manager