

Certificate of Analysis

Date of Testing: 2023-11-14 10:43:52
Date of Next Testing: 2026-11-13 10:43:52
Product Name: **Poly(vinyl alcohol)**
CAS Number: 9002-89-5
Specifications & Purity: Mw9,000-10,000, 80% hydrolyzed
Lot #: K2310375
SKU #: **P434372**
Analysis: **291883**

| Parameter | Limit Values | Result |
|--------------------------|-----------------------------|-----------------------------|
| Assay(Hydrolysis) | 78-82 (%) | 78.90000 % |
| Loss on drying | 0-5 (%) | 2.60 % |
| Residue on Ignition | 0-0.9 (%) | 0.85000 % |
| Viscosity(c = 4%; Water) | 2.5-3.5 (cP) | 2.80 cP |
| PH(4% Water) | 5-7 | 6.20 |
| Appearance(P434372) | White to Off-White Crystals | White to Off-White Crystals |
| Infrared spectrum | conforms to structure | Conforms to Structure |



John Su
QA & QC Manager