

## Certificate of Analysis

Date of Testing: 2023-07-04 17:03:40  
Date of Next Testing: 2026-07-03 17:03:40  
Product Name: **Poly(vinyl alcohol)**  
CAS Number: 9002-89-5  
Specifications & Purity: Mw 13,000-23,000, 87-89% hydrolyzed  
Lot #: F23251512  
SKU #: **P434367**  
Analysis: **242559**

Parameter	Limit Values	Result
Loss on drying	0-5 (%)	3.80 %
Residue on Ignition	0-0.9 (%)	0.63000 %
Viscosity(c = 4%; Water)	3.5-4.5 (cP)	4.00 cP
PH(4% Water)	4.5-6.5	5.50
Hydrolysis	87.0-89.0 (%)	88.10000 %
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