

## Certificate of Analysis

Date of Testing: 2023-04-25 13:39:20  
Date of Next Testing: 2026-04-24 13:39:20  
Product Name: **Poly(vinyl alcohol)**  
CAS Number: 9002-89-5  
Specifications & Purity: Mw9,000-10,000, 80% hydrolyzed  
Lot #: D2319426  
SKU #: **P434372**  
Analysis: **172701**

Parameter	Limit Values	Result
Assay(Hydrolysis)	78-82 (%)	80.00000 %
Loss on drying	0-5 (%)	2.20 %
Residue on Ignition	0-0.9 (%)	0.40000 %
Viscosity(c = 4%; Water)	2.5-3.5 (cP)	3.10 cP
PH(4% Water)	5-7	5.80
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