

## Certificate of Analysis

Date of Testing: 2023-05-20 15:10:57  
Date of Next Testing: 2026-05-19 15:10:57  
Product Name: **Poly(vinyl alcohol)**  
CAS Number: 9002-89-5  
Specifications & Purity: average Mw 85,000-124,000, 87-89% hydrolyzed  
Lot #: E23181009  
SKU #: **P434377**  
Analysis: **222738**

Parameter	Limit Values	Result
Loss on drying	0-5 (%)	4.00 %
Assay(Hydrolyzed)	87-89 (%)	88.60000 %
Ignition Residue(Ash)	0-0.5 (%)	0.40 %
Viscosity(c = 4%; Water)	23-27 (cP)	23.90 cP
pH(C=4%; Water)	4.5-6.5	5.30000
Appearance(P434377)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager