

## Certificate of Analysis

Date of Testing: 2024-07-18 13:06:06  
Date of Next Testing: 2027-07-18 13:06:06  
Product Name: **Poly(vinyl alcohol)**  
CAS Number: 9002-89-5  
Specifications & Purity: average Mw 13,000-23,000, 98% hydrolyzed  
Lot #: G2416368  
SKU #: **P434374**  
Version: **1**  
Analysis #: **377771**

Parameter	Limit Values	Result
Hydrolyzed Material	98.0-98.8 (%)	98.50000 %
Loss on drying	0-5 (%)	4.40 %
Residue on Ignition	0-1.2 (%)	1.10000 %
Viscosity(c = 4%; Water)	3.5-4.5 (cP)	4.00 cP
PH(4% Water)	5-7	5.90
Appearance(P434374)	Off-White to Pale Yellow Powder or Crystals	Off-White to Pale Yellow Powder or Crystals
Infrared spectrum	conforms to structure	Conforms to Structure



John Su  
QA & QC Manager