

## Certificate of Analysis

Date of Testing: 2025-02-05 15:40:45  
Date of Next Testing: 2028-02-05 15:40:45  
Product Name: **Poly(vinyl alcohol)**  
CAS Number: 9002-89-5  
Specifications & Purity: Mw 146,000-186,000, 99+% hydrolyzed  
Lot #: A2522125  
SKU #: **P434368**  
Version: **1**  
Analysis #: **444323**

Parameter	Limit Values	Result
Assay(Hydrolyzed)	99-100 (%)	99.60000 %
Loss on drying	0-5 (%)	4.00 %
Residue on Ignition	0-1.2 (%)	0.82000 %
Viscosity(c = 4%; Water)	62.0-72 (cP)	69.70 cP
PH(4% Water)	5.5-7.5	6.20
Molecular Weight	146000-186000	156000.00
Appearance(P434368)	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