

## Certificate of Analysis

Date of Testing: 2024-07-13 16:32:13  
Date of Next Testing: 2027-07-13 16:32:13  
Product Name: **Poly(vinyl alcohol)**  
CAS Number: 9002-89-5  
Specifications & Purity: Mw 85,000-124,000, 99% hydrolyzed  
Lot #: G2404293  
SKU #: **P434370**  
Version: **1**  
Analysis #: **375513**  
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Loss on drying	0-5 (%)	4.10 %
Miscellaneous Assay(Hydrolyzed Material)	99-100 (%)	99.50000 %
Residue on Ignition	0-1.2 (%)	1.02000 %
Viscosity(c = 4%; Water)	28-32 (cP)	30.90 cP
pH(C=4%; Water)	5.5-7.5	6.10000
Appearance(P434370)	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