

## Certificate of Analysis

Date of Testing: 2023-07-13 15:17:18  
Date of Next Testing: 2026-07-12 15:17:18  
Product Name: **Poly(vinyl alcohol)**  
CAS Number: 9002-89-5  
Specifications & Purity: Mw 89000-98000, 99% hydrolyzed  
Lot #: G2307836  
SKU #: **P434371**  
**Analysis:** **242550**  
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Loss on drying	0-5 (%)	0.95 %
Assay(Hydrolysis)	99.0-99.8 (%)	99.50000 %
Residue on ignition(Ash)	0-0.7 (%)	0.30000 %
Viscosity(4% in H <sub>2</sub> O, 20°C)	11.6-15.4 (mPa·S)	14.10 mPa·S
PH	5.0-7.0	5.70
Appearance(P434371)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	conforms to structure	Conforms to Structure



John Su  
QA & QC Manager