

Certificate of Analysis

Date of Testing: 2024-10-09 17:35:24
Date of Next Testing: 2027-10-09 17:35:24
Product Name: **Poly(vinyl alcohol)**
CAS Number: 9002-89-5
Specifications & Purity: average Mw146,000-186,000, 87-89% hydrolyzed
Lot #: I2425599
SKU #: **P434375**
Version: **1**
Analysis #: **412065**

Parameter	Limit Values	Result
Assay (% Hydrolyzed)	87.0-89 (%)	88.10000 %
Loss on drying	0-5 (%)	4.80 %
Residue on Ignition	0-0.5 (%)	0.40000 %
Viscosity(c = 4%; Water)	45-55 (cP)	51.70 cP
PH(4% Water)	4.5-6.5	5.40
Appearance(P434375)	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