

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-08 09:38:53  
Date of Next Testing: 2026-06-07 09:38:53  
Product Name: **Poly(vinyl alcohol)**  
CAS Number: 9002-89-5  
Specifications & Purity: average Mw146,000-186,000, 87-89% hydrolyzed  
Lot #: F2301569  
SKU #: **P434375**  
Analysis: **227599**

Parameter	Limit Values	Result
Assay (% Hydrolyzed)	87.0-89 (%)	88.10000 %
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
Loss on drying	0-5 (%)	4.80 %
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