

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-13 13:06:00  
Date of Next Testing: 2027-07-13 13:06:00  
Product Name: **Poly(vinyl alcohol)**  
CAS Number: 9002-89-5  
Specifications & Purity: average Mw 31,000-50,000, 87-89% hydrolyzed  
Lot #: G2409104  
SKU #: **P434376**  
Version: **1**  
Analysis #: **377795**

Parameter	Limit Values	Result
Hydrolyzed Material	87-89 (%)	87.90000 %
Loss on drying	0-5 (%)	4.20 %
Ignition Residue(Ash)	0-0.7 (%)	0.50 %
Viscosity(c = 4%; Water)	5.2-6.2 (cP)	5.80 cP
PH(4% Water)	4.5-6.5	5.30
Appearance(P434376)	White to Off-White Powder, Crystalline Powder, Crystals or Granules	White to Off-White Powder, Crystalline Powder, Crystals or Granules
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager