

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-04-24 16:12:16  
Date of Next Testing: 2026-04-23 16:12:16  
Product Name: **Poly(vinyl alcohol)**  
CAS Number: 9002-89-5  
Specifications & Purity: Mw 146,000-186,000, 99+% hydrolyzed  
Lot #: D2315891  
SKU #: **P434368**  
Analysis: **207706**

Parameter	Limit Values	Result
Assay(Hydrolyzed)	99-100 (%)	99.40000 %
Loss on drying	0-5 (%)	3.60 %
Residue on Ignition	0-1.2 (%)	1.07000 %
Viscosity(c = 4%; Water)	62.0-72 (cP)	65.40 cP
PH(4% Water)	5.5-7.5	6.10
Molecular Weight	146000-186000	150000.00
Appearance(P434368)	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