

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-07-02 16:29:36

Date of Next Testing: 2028-07-01 16:29:36

Product Name: **PVA-based high-strength hydrogel solution**

CAS Number:

Specifications & Purity: BioReagent, Sterile-Filtered

Lot #: ZJ26F0636930

SKU #: **P1518390**

Version: **1**

Analysis #: 034840

Parameter	Limit Value	Result
pH	6.0-8.0	6.00000
Gel time	≤10(S)	3.60000 S
Absorbance at 296nm	0.40-0.50	0.46000
Absorbance at 350nm	0.30-0.45	0.39000
Absorbance at 400nm	0.10-0.15	0.11000
Tensile strength	≥0.45(MPa)	0.51000 MPa
Elongation	50-150(%)	83.00000 %
Shear modulus (G')	25000-40000(Pa)	29005.00000 Pa
Seal Integrity Testing	Conform	Conform
Sterile	Conform	Conform
Appearance(P1518390)	Light yellow liquid, with no visible foreign matter to the naked eye	Light yellow liquid, with no visible foreign matter to the naked eye



Sophia Cheng
Quality Assurance