

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-11 17:06:03

Date of Next Testing: 2028-06-10 17:06:03

Product Name: **PEG-based ultra-tough 3D printing ink**

CAS Number:

Specifications & Purity: BioReagent, Sterile-Filtered

Lot #: ZJ26F0636324

SKU #: **P1518382**

Version: **1**

Analysis #: 034833

Parameter	Limit Value	Result
pH	5.0-7.0	5.80000
Shear Strength (G')	85000-110000(Pa)	86580.00000 Pa
Gel time	≤20(S)	13.00000 S
Absorbance at 296nm	1.85-2.00	1.90000
Absorbance at 350nm	1.55-1.70	1.66000
Absorbance at 400nm	0.45-0.60	0.50000
Tensile strength	≥2.5(MPa)	3.00000 MPa
Elongation	50-100(%)	96.00000 %
Appearance(P1518382)	Bright yellow liquid, with no visible foreign matter to the naked eye	Bright yellow liquid, with no visible foreign matter to the naked eye
Seal Integrity Testing	Conform	Conform
Sterile	Conform	Conform



Sophia Cheng
Quality Assurance