

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-21 17:53:13

Date of Next Testing: 2029-04-20 17:53:13

Product Name: **PRP Low-Leaching Separation Gel**

CAS Number:

Specifications & Purity: BioReagent, Sterile

Lot #: ZJ26F0434400

SKU #: **L1520192**

Version: **4**

Analysis #: 032994

Parameter	Limit Value	Result
Volatile Matter (Take 5g gel into 50ml beaker, bake at 150°C for 3 hours)	≤0.3(%)	0.26000 %
Seal Integrity Testing	Conform	Conform
Appearance(L1520192)	Yellow transparent colloid, no visible foreign matter	Yellow transparent colloid, no visible foreign matter
Viscosity (25°C): (15-20) × 10 ⁴ mPa·s	Conform	Conform
Inversion Test (After storage at 4°C for 1 hour, add copper sulfate solution (specific gravity 1.080), centrifuge at 2500g RCF for 5 minutes; flip thickness ≥ 4 mm.)	Conform	Conform
Bubble Test (Evacuate test tubes containing gel, store for 24 hours and observe for bubbles.)	None Detected	None Detected
Centrifugation Experiment (After water bath at 40°C for 1 hour, add copper sulfate solution (specific gravity 1.040), centrifuge at 2000g RCF for 5 minutes; no change in gel surface.)	Conform	Conform
Fluidity (Centrifuge gel tubes with bench centrifuge, mark gel surface, bake at 60°C for 3 hours; endpoint distance from mark ≤ 3 mm.)	Conform	Conform
Exudation Resistance (Add 5g gel to 100g 0.9% NaCl solution; pH change ≤ 0.1 within 24 hours.)	Conform	Conform

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Parameter	Limit Value	Result
Reagent Compatibility (Water: No turbidity or dissolution after 24 hours of contact.)	Conform	Conform
Reagent Compatibility (Ethanol: No whitening after 30 minutes of contact with 50–80% ethanol.)	Conform	Conform
Reagent Compatibility (Saline: No obvious change after 1 hour of contact with 10–20% NaCl solution.)	Conform	Conform
Floating Matter (No diffusion or oil slick on water surface.)	Conform	Conform
Microbial Count (≤ 10 CFU/ml)	Not Detected	Not Detected
Specific Gravity (Centrifuge at 2500g RCF for 8 minutes at 25°C): 1.065-1.07	Conform	Conform



Sophia Cheng
Quality Assurance