

Shanghai Aladdin Biochemical Technology Co., LTD

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Certificate of Analysis

Date of Testing: 2025-08-27 16:05:34
 Date of Next Testing: 2027-08-27 16:05:34
 Product Name: Large fragment of Escherichia coli polymerase I
 Lot #: ZJ25F0826186
 SKU #: rp221816
 Version: 1
 Analysis #: 020549
 Source: Recombinant
 Specifications & Purity: Animal Free, Carrier Free, Bioactive, ActiBioPure™, EnzymoPure™, Sterile, 5 U/μL
 Concentration: 5 U/μL
 Formulation: Liquid
 Reconstitution:
 Storage Conditions: Store at -20°C, Avoid repeated freezing and thawing
 Analysis: 020549

Parameter	Limit Value	Result
Appearance(rp221816)	Colourless liquid	Colourless liquid
Endonuclease Activity (Nicking) (rp221816A) < 10% conversion to nicked form	Conform	Conform
Phosphatase Activity (pNPP) (rp221816A) < 0.0001 U phosphatase activity	Conform	Conform
Seal Integrity Testing	Conform	Conform
Purity(SDS-PAGE)(rp221816A) ≥ 95%	Conform	Conform



Sophia Cheng
 Quality Assurance