

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2026-04-15 18:06:07
Date of Next Testing:	2027-04-15 18:06:07
Product Name:	HiFi Seq Hotstart DNA Polymerase
Lot #:	ZJ26F0434244
SKU #:	FP1509106
Version:	1
Analysis #:	032462
Source:	
Specifications & Purity:	Recombinant, EnzymoPure™, for DNA and RNA applications, Suitable for Molecular Biology
Concentration:	
Formulation:	Liquid
Reconstitution:	
Storage Conditions:	Store at -20°C, Avoid repeated freezing and thawing
Analysis:	032462

Parameter	Limit Value	Result
Appearance(FP1509106A)	Colorless, transparent, viscous liquid; no precipitation or crystallization at - 20 °C	Colorless, transparent, viscous liquid; no precipitation or crystallization at - 20 °C
Appearance(FP1509106B)	Liquid	Liquid
Appearance(FP1509106C)	Liquid	Liquid
Purity (SDS-PAGE) ≥90%	Conform	Conform
Endonuclease Activity: ≤10% supercoiled conversion (37°C, 16 h)	Conform	Conform
qPCR DNA Contamination (E. coli Genomic) ≤1 copy (50U)	Conform	Conform
Functional Testing: 1 kb product (Lambda DNA, 30 cycles)	Conform	Conform
Stability: Unchanged performance (37°C, 7 days)	Conform	Conform
Seal Integrity Testing	Conform	Conform



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A handwritten signature in black ink that reads "Sophia Cheng".

Sophia Cheng
Quality Assurance