

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name:	HiFi Seq Hotstart DNA Polymerase
SKU #:	FP1509106
Version:	1
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

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