

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-10 17:40:42

Date of Next Testing: 2028-04-09 17:40:42

Product Name: **AK Taq DNA Polymerase V2**

CAS Number:

Specifications & Purity: EnzymoPure™, for DNA and RNA applications, Suitable for Molecular Biology, 5 U/μL

Lot #: ZJ26F0434071

SKU #: **FP1508925-CG5KU**

Version: **1**

Analysis #: 032915

Parameter	Limit Value	Result
Appearance(FP1508925)	Colorless and transparent liquid	Colorless and transparent liquid
Purity (SDS-PAGE) ≥ 99%	Conform	Conform
Activity: CT difference < 0.5 vs control; detection rate > 80%	Conform	Conform
Linearity: Amplification efficiency 90%-110%.	Conform	Conform
Performance: CT difference < 0.5; CT CV < 3%; sensitivity > 90%	Conform	Conform
Specificity: Gel bands consistent with control	Conform	Conform
Stability (37°C accelerated) : CT difference < 0.5; CT CV < 3%; sensitivity > 90%	Conform	Conform
Seal Integrity Testing	Conform	Conform
Quantitative Specificity: CT difference < 0.5 vs control; amplification curve consistent	Conform	Conform



Sophia Cheng
Quality Assurance