

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2026-05-08 17:25:02
Date of Next Testing:	2028-05-07 17:25:02
Product Name:	E. coli DNA Ligase
Lot #:	ZJ26F0535148
SKU #:	E745500
Version:	1
Analysis #:	034446
Source:	Recombinant
Specifications & Purity:	ActiBioPure™, Bioactive, High performance, EnzymoPure™, Recombinant, 10 U/μl
Concentration:	10 U/μl
Formulation:	Liquid
Reconstitution:	
Storage Conditions:	Store at -20°C, Avoid repeated freeze-thaw cycles
Analysis:	034446

Parameter	Limit Value	Result
Appearance(E745500)	Liquid	Liquid
Enzyme activity: 10U/μl	Conform	Conform
Endonuclease Activity (Nicking)	Conform	Conform
Exonuclease Activity (Radioactivity Release)	Conform	Conform
Purity(SDS-PAGE) ≥95%	Conform	Conform
RNase Activity (Extended Digestion)	Conform	Conform
Seal Integrity Testing	Conform	Conform



Sophia Cheng
Quality Assurance