

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2026-07-24 11:38:40
Date of Next Testing:	2027-07-24 11:38:40
Product Name:	SpCas9-NLS
Lot #:	ZJ26F0636731
SKU #:	S1523005
Version:	1
Analysis #:	036423
Source:	Recombinant
Specifications & Purity:	EnzymoPure™, expressed in E.coli, Suitable for Molecular Biology, Animal Free, Recombinant, ≥95% (SDS-PAGE), 10 μM
Concentration:	
Formulation:	Liquid
Reconstitution:	
Storage Conditions:	Store at -20°C, Avoid repeated freeze-thaw cycles
Analysis:	036423

Parameter	Limit Value	Result
Appearance(S1523005)	Liquid	Liquid
Purity (SDS-PAGE) ≥95%	Conform	Conform
DNase Activity: 20 ng dsDNA fragments with 1 μL SpCas9-NLS (20 μL Cut Buffer C, 37 °C, 16 h); no detectable dsDNA degradation.	Conform	Conform
Non-specific Endonuclease Activity: 15 ng dsDNA fragments with 2 U Thermostable RNase HII (20 μL RNase HII Buffer, 37 °C, 16 h); no detectable dsDNA degradation.	Conform	Conform
RNase Activity: 500 ng RNA with 1 μL SpCas9-NLS (10 μL Cut Buffer C, 37 °C, 1 h); >90% substrate RNA remains intact.	Conform	Conform



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

Sophia Cheng
Quality Assurance