

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2024-09-29 18:37:22
Date of Next Testing:	2025-09-29 18:37:22
Product Name:	Recombinant Sumo Protease Protein
Lot #:	ZJ23F1201958
SKU #:	rp176272
Version:	3
Analysis #:	009311
Source:	Recombinant
Specifications & Purity:	Carrier Free, >90% SDS-PAGE, Active, E.coli, His tag, 403-621 aa
Concentration:	
Formulation:	Lyophilized
Reconstitution:	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute at 0.5 mg/mL in sterile distilled water. Stock solutions should be apportioned into working aliquots and stored at $\leq -20^{\circ}\text{C}$ . Further dilutions should be made in appropriate buffered solutions.
Storage Conditions:	Store at $-20^{\circ}\text{C}$ , Avoid repeated freezing and thawing
Analysis:	009311

Parameter	Limit Value	Result
Molecular Weight	23.2-28.4(kD)	25.50000 kD
Purity(SDS-PAGE)	90-100(%)	96.00000 %
Enzyme Activity	$\geq 200(\text{units}/\mu\text{g})$	220.00000 IU/ $\mu\text{g}$
Appearance(rp176272)	White to off-white powder	White to off-white powder
Endotoxin Level <1 EU/ $\mu\text{g}$	Conform	Conform



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 Sophia Cheng  
 Quality Assurance