

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2025-11-06 16:18:42
Date of Next Testing:	2030-11-05 16:18:42
Product Name:	Calpain-1 from Human Erythrocyte
Lot #:	ZJ25F1129356
SKU #:	np001116
Version:	1
Analysis #:	025680
Source:	Native
Specifications & Purity:	EnzymoPure™, Native, ≥95%(SDS-PAGE), ≥1000 U/mg protein; Protein concentration: See COA
Concentration:	1.02 mg/mL (Pre-lyophilization)
Formulation:	Liquid
Reconstitution:	
Storage Conditions:	Store at -80°C, Avoid repeated freeze-thaw cycles
Analysis:	025680

Parameter	Limit Value	Result
Molecular Weight of Band 1	27-33(kD)	30.00000 kD
Molecular Weight of Band 2	72-88(kD)	80.00000 kD
Purity(SDS-PAGE)	95-100(%)	99.00000 %
Enzyme activity(protein)	>1000(U/mg)	2467.00000 U/mg
Appearance(np001116)	Liquid	Liquid



Sophia Cheng
Quality Assurance