

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2026-02-25 16:16:05
Date of Next Testing:	2028-02-25 16:16:05
Product Name:	Collagenase IV
Lot #:	ZJ26F0232176
SKU #:	C1509223
Version:	1
Analysis #:	028796
Source:	Native
Specifications & Purity:	ActiBioPure™, Bioactive, High performance, EnzymoPure™, Native, ≥125 U/mg enzyme powder; from Clostridium histolyticum
Concentration:	
Formulation:	Lyophilized
Reconstitution:	Reconstitute 100mg collagenase in 1 ml of of the corresponding buffer (determined according to specific experimental conditions or reference materials), e.g., HBSS (Hank's Balanced Salt Solution, containing Ca ²⁺ , Mg ²⁺ , etc.), and gently vortex to dissolve it thoroughly to prepare a 100 mg/ml (i.e., 100×) stock solution. Filter-sterilize using a 0.22 µm filter with low protein binding properties, aliquot into small portions, and store frozen at -20°C in the dark.
Storage Conditions:	Store at 2-8°C
Analysis:	028796

Parameter	Limit Value	Result
Appearance(C1509223)	Gray powdery solid	Gray powdery solid
Enzyme activity (enzyme powder) ≥125 U/mg	Conform	Conform
Trypsin activity ≤0.03 Tryptic Units/mg solid	Conform	Conform



Sophia Cheng
Quality Assurance