

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2026-06-18 16:13:44
Date of Next Testing:	2027-06-18 16:13:44
Product Name:	Collagenase NB 7D from Clostridium Histolyticum
Lot #:	ZJ25F0825828
SKU #:	C278996
Version:	1
Analysis #:	037456
Source:	Native
Specifications & Purity:	EnzymoPure™, Sterile, ≥0.2 U/mg powder
Concentration:	≥0.2 U/mg powder
Formulation:	Lyophilized
Reconstitution:	It is recommended to prepare a stock solution by dissolving collagenase NB in an appropriate volume of buffer (e.g., HBSS, PBS, Tris, or Ringer's solution). The prepared enzyme should be sterile-filtered (if not sterile), aliquoted and stored at -20°C. Our stability studies indicate that the enzyme remains stable for up to one year under these conditions, provided that repeated freeze-thaw cycles are avoided.
Storage Conditions:	Store at 2-8°C
Analysis:	037456

Parameter	Limit Value	Result
Ratio Collagenase : Trypsin	≥3.0	15.00000
Unit enzyme activity (enzyme powder): Collagenase (PZ activity, 25 °C)	≥0.2(U/mg)	0.30000 U/mg
Unit enzyme activity (enzyme powder): Trypsin-like activities (BAEE)	≤0.2(U/mg)	0.03000 U/mg
Appearance(C278996)	White to beige powder,lyophilisate	White to beige powder,lyophilisate
Molecular Weight (70-120 kDa)	Conform	Conform



Sophia Cheng
Quality Assurance