

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2026-06-17 15:33:16
Date of Next Testing:	2027-06-17 15:33:16
Product Name:	Collagenase NB 5 Sterile Grade
Lot #:	ZJ25F0826196
SKU #:	C279009
Version:	1
Analysis #:	037540
Source:	Native
Specifications & Purity:	EnzymoPure™, Sterile, ≥ 0.10 U/mg, ≥0.10 U/mg
Concentration:	
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:	037540

Parameter	Limit Value	Result
Loss on drying	4-10(%)	8.00000 %
Collagenase (PZ activity, 25°C)	≥0.1(U/mg)	0.20000 U/mg
Proteolytic activity	800-2500(U/g)	1100.00000 U/g
Clostridiopeptidase A activity	400-2500(U/g)	1830.00000 U/g
Ratio Clostridiopeptidase A activity : proteolytic activity	≤5.0	1.80000
Identification (Pattern of main bands: Must comply to Reference substance 3)	Conform	Conform
Sterility test	Conform	Conform
Absence of Clostridia	Not detected	Not Detected
Molecular Weight (70-120 kDa)	Conform	Conform
Appearance(C279009)	Light brown fine powder	Light brown fine powder



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

Sophia Cheng
Quality Assurance